DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 6/3 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	o Did we comment?
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
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			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

JK
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RECEIVED

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

JOHN WAIHEE
GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
Hawaii Island Office: Hawaii State Building, 79-1018 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

DIV. OF WATER & LAND DEVELOPMENT

August 27, 1993

MEMORANDUM

TO: The Honorable Mufi Hannemann
The Honorable John C. Lewin
The Honorable Keith Ahue
Dr. Joshua Agsalud
Bruce Anderson, Deputy Director, DOH
Tak Yoshihara, Deputy Director, DBEDT
Jack Keppeler, Deputy Director, DLNR
Dean Nakano, Geothermal Project Office, Manager, DBEDT
Harold Matsuura, Chief Sanitarian, Hawaii District, DOH
The Honorable Stephen K. Yamashiro, Mayor, County of Hawaii
Virginia Goldstein, Hawaii County Planning Director
Harry Kim, Hawaii County Civil Defense Administrator

FROM: Steve Todd

SUBJECT: GEOTHERMAL UPDATE - 8/27/93

PGV ACTIVITIES - Nine units are generating in excess of 28.6 megawatts (gross). The reinjection flow is 626,000 lbs/hr.

DOH ACTIVITIES - One noise and two air complaints have been received within the past 24 hours via the Geothermal Hotline.

OTHER - The County Planning Department has scheduled a public meeting in Pahoa to discuss the draft Geothermal Asset Fund rules. The meeting will be held at the Pahoa Neighborhood Center on Tuesday, August 31, beginning at 7 p.m.

DI ON OF WATER AND LAND DEVELOPME

FROM: JS DATE: 8-19 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 8/25/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

RECEIVED
AUG 25 P3:21
DIV OF WATER & LAND DEVELOPMENT

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 25, 1994 **LAST REPORT DATE:** 8/24/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0745hrs was 23.2MW gross and 21.3MW net with 7 OEC units running.

The Parker rig remained over well KS-9 yesterday to run a pressure/temperature survey to try to understand why the well had not "come back" as it had in the past. After running the survey the conclusion was that the well bore had been cooled during workover activities but that the bottom of the well was still showing the temperature and pressure that KS-9 had experienced before.

Demobilization of the rig is expected to start today.

The mechanical integrity tests (logging of the wells) on the injection wells that was supposed to have started last week, will start sometime next month.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

D ON OF WATER AND LAND DEVELOPM.

FROM: _____ DATE: 8/ / FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
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___	___	Ismet		
		Chris		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2482
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RECEIVED
94 AUG 12 A6:18
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 8/12/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 9, 1994 LAST REPORT DATE: 8/8/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The Plant was shut down at 2102hrs last night to fix some instrumentation/mechanical problems that have kept the plant from reaching sustained design capacity. Work is expected to continue into the afternoon with plant startup anticipated for late afternoon. Maintenance will also take the opportunity to repair a steam trap leak on the main steam header. Before shutdown the plant was generating over 13MW.

The workover activities yesterday on well KS-9 involved running a caliper log. This plus the CET have shown the casing and cement to be in "good shape". Parker rig is expected to install the 7 inch liner starting tomorrow after cleaning out the well bore and squeezing on the lap joint where the already installed 7 inch hang-down liner is hung in the bottom of the well.

CONCERNS: During shutdown activities last night, the Southeast monitoring station alarmed at 2121hrs with a 5 minute reading of 5.8ppb (spike to 9ppb) and at 2300hrs with a reading of 5.7ppb (spike to 14ppb). Hand-held monitoring of nearby, local community areas produced only zero readings. There were no in-plant fixed alarms.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

PUNA GEOTHERMAL VENTURE

A Hawaii Partnership

August 8, 1994

FOR IMMEDIATE RELEASE

Contact: Barry Mizuno
(808) 965-6233

Title: PUNA GEOTHERMAL VENTURE TAKES BRIEF SHUTDOWN

Puna Geothermal Venture announced the need to perform additional modifications requiring a brief outage starting at 9:00 p.m. tonight. Since restarting their power plant on Saturday, PGV found its power generation capability restricted by one component of the newly installed fluid handling system. "Unfortunately, we are unable to stay on-line while we make the required change," stated Lynn White, Vice-President and General Manager of PGV.

The non-emergency shutdown has been coordinated with Hawaii Electric Light Company to assure adequate generating capacity during the outage. PGV expects to return to the HELCO grid early tomorrow afternoon.

# # #

14-3860 Kapoho Pahoa Road, Pahoa, Hawaii 96778 • (808) 961-2786 • Facsimile (808) 935-5562
Post Office Box 30, Pahoa, Hawaii 96778

DIVISION OF WATER AND LAND DEVELOPMENT

Drawer 6
File # 4

FROM: _____ DATE: 8/1/ FILE IN: _____

TO:	INIT:		PLEASE:	
___	___	M. TAGOMORI	___	See Me
___	___	L. Nanbu	___	Call
___	___	G. Akita	✓	Review & Comment
___	___	L. Chang	___	Take Action
___	___	E. Lau	___	Investigate & Report
___	___	A. Monden	___	Draft Reply
✓	___	H. Young	___	Acknowledge Receipt
___	___	T. Kam	___	Type Draft
___	___	G. Miyashiro	___	Type Final
___	___	D. Lee	___	Xerox ____ copies
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___	___	Jon		
___	___	Janet		
___	___	Chris		

REMARKS:

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2404 Fax: (808) 586-2452
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FAX TRANSMITTAL

RECEIVED
94 AUG 22 P12:28
DIV. OF WATER & LAND DEVELOPMENT

DATE: 8/17/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 17, 1994 **LAST REPORT DATE:** 8/15/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0830hrs was 22.7MW gross and 20.8MW net with 7 OEC units running.

Workover activities on well KS-9 will include cutting off the 7 inch liner and the 9 5/8 inch casing, reinstalling the expansion spool, and installing a new master valve and 3 inch wing valves. When the BOP stack is replaced on the master valve the cement plug in the bottom part of the well will be removed. Rig demobilization is expected to start on Saturday if there are no problems with the above procedures.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

SION OF WATER AND LAND DEVELOP' 'T

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	
		M. TAGOMORI		See Me
		L. Nanbu		Call
		G. Akita		Review & Comment
		L. Chang		Take Action
		E. Lau		Investigate & Report
		A. Monden		Draft Reply
		H. Young		Acknowledge Receipt
		T. Kam		Type Draft
		G. Miyashiro		Type Final
		D. Lee		Xerox ____ copies
		A. Yim		File

REMARKS: Drawing File #4

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 8/18/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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94 AUG 24 P 1:15
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 18, 1994 **LAST REPORT DATE:** 8/17/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0645hrs was 22.8MW gross and 21.3MW net with 7 OEC units running.

Well KS-10 is starting to show an increase in the amount of brine in the resource as was expected.

Workover crews worked on installing the expansion spool, new master valve and wing valves on well KS-9 last night. The cement plug in the bottom portion of the well is expected to be drilled out after the BOP stack is reinstalled. Rig demobilization is still expected to start sometime this weekend.

PGV expects to do its annual mechanical integrity testing on its injection wells a month earlier than required, starting with logging of the wells followed by pressure testing with nitrogen. KS-3 will be logged today.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

I SION OF WATER AND LAND DEVELOPM T

FROM: _____ DATE: 8/09 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	✓	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	✓	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	bm	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
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___	[illegible]			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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RECEIVED
AUG 24 A10:22
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

FAX TRANSMITTAL

DATE: 8/24/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 24, 1994 **LAST REPORT DATE:** 8/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

NOTE: This report was not issued the first two days of this week due to the Geothermal Compliance Coordinator being on sick leave.

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0655hrs was 23.2MW gross and 21.0MW net with 7 OEC units running.

Workover activities starting last Friday and continuing over the weekend included reinstalling the pack off between the 13 3/8 inch and the 20 inch casing. The removal and polishing of an obstruction in the 7 inch liner at 3542ft, which at first seemed to be a necked down liner and was determined to be a slightly parted collar, occupied some rig time on the 19th and 20th. Drilling fluids have been removed from the well bore after the removal of the cement plug. The rig mast may be laid down today as the start of demobilization.

The was some concern at PGV over the fact that well KS-9 did not "come back" or in other words did not pressure up after removal of the cement plug. PGV advises that there are indications of increased pressure and are expecting the well to start producing in the near future.

CONCERNS: A Parker rig roughneck was hit in the face over the weekend. The injury resulted in a lost tooth and some stitches by a plastic surgeon.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 8/19 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 8/15/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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94 AUG 16 P 1:11
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 15, 1994 **LAST REPORT DATE:** 8/12/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0630hrs was 23.2MW gross and 21.3MW net with 7 OEC units running.

Workover activities on well KS-9 over the weekend involved further milling of the obstruction at ~400ft to allow an 8 1/2 inch bit to pass, further cement squeezes, and cement cleanout. The 7 inch liner is expected to be installed today.

Preliminary word from PGV this morning is that the drilling program will not be started and thus the Parker rig will be demobilized after finishing the work on well KS-9

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
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___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___	Janet		
___	___	Jon		
		Chris		

			FOR YOUR:
___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

2145

WV

PUNA GEOTHERMAL VENTURE

A Hawaii Partnership

August 9, 1994

FOR IMMEDIATE RELEASE

Contact: Barry Mizuno
(808) 965-6233 on Hawaii Island

Title: PUNA GEOTHERMAL VENTURE BACK ON HELCO GRID

Puna Geothermal Venture announced the re-start of it's Pohoiki power plant this afternoon. After completing the additional modifications to its fluid handling system, PGV began supplying electricity to the HELCO grid. "The additional modification to the fluid separation vessels went well," stated Lynn White, PGV's Vice President and General Manager. PGV continues repairs to production well KS-09 and is projecting completion on August 22.

As of June 30, 1994, PGV had produced 225 million kilowatts of electricity or 16% of the island's requirements totally with geothermal steam. In doing so, PGV displaced approximately 450,000 barrels of oil thus avoiding about four and a half ship loads of oil from entering Hilo harbor.

# # #

RECEIVED
94 AUG 10 P3:47
DEPT. OF LAND
& NATURAL RESOURCES
STATE OF HAWAII

14-3860 Kapoho Pahoa Road, Pahoa, Hawaii 96778 • (808) 961-2786 • Facsimile (808) 935-5562
Post Office Box 30, Pahoa, Hawaii 96778

DIV ON OF WATER AND LAND DEVELOPME.

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ L. Nanbu	___ Call	
___	___ G. Akita	___ Review & Comment	
___	___ L. Chang	___ Take Action	
___	___ E. Lau	___ Investigate & Report	
___	___ A. Monden	___ Draft Reply	
___	___ H. Young	___ Acknowledge Receipt	
___	___ T. Kam	___ Type Draft	
___	___ G. Miyashiro	___ Type Final	
___	___ D. Lee	___ Xerox ____ copies	
___	___ A. Yim	___ File	
___	___		
___	___		

FOR YOUR:

___	___ R. LOUI	___ Approval
___	___ S. Kokubun	___ Signature
		___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 8/10/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

RECEIVED
94 AUG 12 A10:23
DIV. OF WATER & LAND DEVELOPMENT

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 10, 1994 LAST REPORT DATE: 8/9/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James B. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant was restarted yesterday with the first unit on the grid at 1517hrs. Electrical generation reached as high as 21MW net during the night. Electrical generation at 0815hrs this morning was 18.9MW gross and 17.2MW net with 6 OEC units running.

The resource from well KS-10 at this point is mostly steam, so the liquid handling capabilities of the new system have yet to be fully tested.

Workover activities yesterday on well KS-9 included squeezing the lap joint between the 9 5/8 inch casing and the 13 3/8 inch casing strings. The rig is waiting on cement to dry and will be going in the hole later today to cleanout. The 7 inch liner is expected to be run tomorrow.

CONCERNS: During startup activities yesterday, the S.W. station alarmed at 7ppb. Portable monitor readings showed zeros in the area.

During shutdown activities on Monday night low level H_2S readings (<5ppb) were recorded at several stations, due to minor leaks that seem to be unavoidable during plant shutdowns.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 8/11/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

RECEIVED
91 AUG 12 A10:23
DIV. OF WATER
LAND DEVELOPMENT

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 11, 1994 LAST REPORT DATE: 8/10/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0815hrs was 22.4MW gross and 20.5MW net with 7 OEC units on line. The powerplant crew expected to start another OEC unit this morning, and generation is expected to increase toward 25MW net.

Workover activities yesterday included cleaning out cement, doing another squeeze on the lap. The area where the obstruction was found (-400ft) will be filled with cement today to preclude possible water filled voids when the 7 inch liner is installed and cemented.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI
___	___	S. Kokubun

___ Approval
___ Signature
___ Information

PŪNA GEOTHERMAL VENTURE

A Hawaii Partnership

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94 AUG 11 A8:41

DIV. OF WATER &
LAND DEVELOPMENT

August 10, 1994

State Dept of Land & Natural Resources
PO Box 373
Honolulu, HI 96809

Attention:

We wish to inform you of our change of address. Our office at 745 Ft St #1804 is no longer in use. Please send all mail to our address as follows.

Puna Geothermal Venture
P.O. Box 30
Pahoa, HI 96778

Thanks,

Lynn White
Vice President & General Manager

14-3860 Kapoho Pahoa Road, Pahoa, Hawaii 96778 • (808) 961-2786 • Facsimile (808) 935-5562
Post Office Box 30, Pahoa, Hawaii 96778

DIVISION OF WATER AND LAND DEVELOPMENT

FROM:_____ DATE:_____ FILE IN:_____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 AUG 15 P2:00
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DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 8/12/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: August 12, 1994 LAST REPORT DATE: 8/11/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0820hrs was 22.9MW gross and 21.0MW net with 7 OEC units operating. A eighth OEC was put on line yesterday but overall plant generation was found to be more efficient with just 7 OECs.

Workover activities yesterday on well KS-9 involved drying and filling the area of the obstruction with cement. Today this cement will be cleaned out down to the top of the already installed 7 inch liner in the bottom of the well. Then they will be running casing integrity tests using an RTTS tool. Installation of the 7 inch liner will commence upon successful completion of this testing.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Diamond 6
Field 4

DOWALD PUBLICATION ROUTE SLIP

___ M. TAGOMORI

___ G. AKITA
___ H. Young
___ T. Kam
___ S. Yong
___ C.P. Chang
___ T. Nakama
___ J. Swift
___ J. Florez
___ M. Tanouye
___ Y.F. XU

___ E. LAU
___ A. Monden
___ A. Yim
___ S. Agraan
___ K. Chung
___ M. Emiliano

___ Chris D'Arango
(please send gutted article)

___ L. CHANG
___ G. Miyashiro
___ D. Lee
___ D. Imada
___ E. Yuasa
___ G. Morimoto
___ P. Manthos
___ S. Lee
___ J. Menor

Hawaii Tribune - Herald, Wednesday August 10, 1994

PGV plant goes back on line

Puna Geothermal Venture restarted its electricity-generating plant in Pohoiki yesterday afternoon after a brief, unplanned shutdown to repair a fluid handling system.

"The additional modification to the fluid separation vessels went well," said Lynn White, PGV's vice president and general manager, in a statement released by the firm.

PGV continues repairs to production well KS-09 and is projecting completion on Aug. 22, the statement said.

—Hawaii Tribune - Herald, Tuesday, August 9, 1994

PGV plant closed for repair

A malfunctioning fluid handling system has shut down the Puna Geothermal Venture's Pohoiki electric generating plant again.

The new system was installed during a scheduled maintenance program that had closed the plant last week.

According to a statement from PGV, its power generation was restricted since reopening the plant on Saturday and "additional modifications" are required.

The outage began at 9 p.m. yesterday and was expected to be over by this afternoon. Hawaii Electric Light Company was notified of the shutdown and is expected to have enough power to meet Big Island needs during the temporary shutdown.

Last week critics of the geothermal production plant claimed that the company had been having problems with equipment during the planned shutdown. Company officials denied having any problems.

Tuesday, August 9, 1994 Star-Bulletin

Puna Geothermal restarts plant

HILO — Puna Geothermal Venture expected to begin producing power again this afternoon after a brief shutdown last night, the company said.

The company restarted its 25-megawatt power plant Saturday after a routine shutdown for maintenance, but discovered that one of the components, a newly installed fluid handling system, was not operating correctly, they said.

ISION OF WATER AND LAND DEVELOP T

FROM: _____ DATE: 8/8 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	___	L. Nanbu	✓ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2662
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 8/5/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

RECEIVED
94 AUG 8 A10:38
DIV. OF WATER & LAND DEVELOPMENT

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94 AUG 8 A8:33
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 5, 1994 LAST REPORT DATE: 8/4/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Plant startup has been delayed due to software problems. These may be fixed later today, with the possibility that startup may be able to proceed some time this afternoon.

Inspection of the mill after milling on the obstruction in Well KS-9 has shown that 9 5/8 inch casing deformation had occurred which will result in PGV installing a 7 inch liner in the well. Milling activities will continue today.

CONCERNS: Noise levels, despite rig operations have been within limits according to DOH noise monitoring personnel.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

/ISION OF WATER AND LAND DEVELO. NT

/ROM: _____ DATE: 8/8 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___	Janet		
___	___	Jon		
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 8/8/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGBALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 8, 1994 LAST REPORT DATE: 8/5/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Plant startup continued to be delayed into the weekend due to software problems. The first OEC was synchronized to the grid at 0305hrs Sunday morning, 8/8/94. Generation reached levels as high as 15MW net in the period of 0500hrs to 0600hrs on Sunday. Software and instrumentation problems have held generation down to the 2-3MW range for most of the time since.

As of 0715hrs this morning, power generation was 9.8MW gross and 7.4MW net with 3 OEC units running. One OEC is in the heat removal mode with a total steam flow of approximately 195,000lbs/hr.

A caliper log is expected to be run on well KS-9 today, with a CET log to follow. These logs will give information regarding the condition of the casing and the cement between the strings of casing. Installation of the 7 inch liner could start as early as tomorrow or on Wednesday.

CONCERNS: One resident of Lanipuna Gardens complained of being gassed early this morning. There have been no H_2S alarms from the permanent monitoring stations since startup activities were initiated.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 8/6 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___	for		
___	___	Janet		
		Chris		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2482
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RECEIVED 94 AUG 5 AM 11:11 DIVISION OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 8/4/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 4, 1994 LAST REPORT DATE: 8/3/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant remains shutdown with startup still planned for tomorrow, 8/5/94.

The lost tool was removed from well KS-9 yesterday, but PGV was unable to obtain videos of the area where the obstruction was located. Other diagnostics will be run over the next two days. The final decision on the installation of the 7 inch liner has not been made.

CONCERNS: With the Parker rig on 24hr shifts and plant startup expected on Friday, nighttime noise levels may exceed limits.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: DOH noise monitoring personnel started night shifts, from 9pm to 5am seven days per week, last night.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 8/4/94 FILE IN: _____

TO:	INIT:		PLEASE:
(2)		M. TAGOMORI	See Me
		L. Nanbu	Call
(1)	✓	G. Akita	Review & Comment
		L. Chang	Take Action
		E. Lau	Investigate & Report
		A. Monden	Draft Reply
✓		H. Young	Acknowledge Receipt
		T. Kam	Type Draft
		G. Miyashiro	Type Final
		D. Lee	Xerox ____ copies
		A. Yim	File
(3)		~~P. Jon~~	
(4)		~~M. Tant~~	
(5)		Chun	

FOR YOUR:

		R. LOUI
		S. Kokubun

Approval
Signature
Information

REMARKS:

NOTE: as of 8/4/94 KEY PT TOOL RECOVERED
MP milling is underway
It appears at this time the 95/8 casing has collapsed. Eric is watching to see (1) how much they are milling (2) if there are other areas where the casing may have also collapsed
At this time, the video camera cannot verify because water is murky

RECEIVED
94 AUG 4 A10:31
DIV. OF WATER & LAND DEVELOPMENT

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 3, 1994 **LAST REPORT DATE:** 8/2/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The power plant remains shutdown with startup now planned for Friday, 8/5/94.

The obstruction in well KS-9 was videotaped early this morning. Evidently some rocks and a lost tool are wedged, possibly at a collar at the 392ft level. Plans are to go in the well and attempt to recover the lost tool and let the rocks fall to the bottom of the well. After the tool is removed, the wellbore will be videotaped again to insure that there are no more problems in that area. If this is the case it means that the planned 7 inch liner will not need to be installed in the well, which would have decreased the output of the well by 1/3.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: A check of noise levels this morning at 0700hrs showed a range of 32-40dBA in the Lanipuna Gardens area.

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2486 Fax: (808) 586-2452
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FAX TRANSMITTAL

RECEIVED
94 AUG 4 A10:31
DIV. OF WATER & LAND DEVELOPMENT

DATE: 8/2/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

FAXING COPY OF REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 2, 1994 **LAST REPORT DATE:** 8/1/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Plant shutdown is now expected to last until Friday, 8/5/94, when the plant will be started using well KS-10 only.

The top of the obstruction in well KS-9 was tagged yesterday and determined to be at the 392ft level. Confirmation of the size and shape of the obstruction will be done by video camera sometime on Wednesday. The obstruction, expected to be a collapsed casing or joint, will be milled out and a 7 inch liner installed down to the 7 inch hangdown liner that is installed in the bottom of the well.

PGV now plans to drill well KS-11 from pad A as a production well with well KS-5 to be drilled as an injector from pad E following. Wells KS-12 and KS-13 will not be drilled at this time.

CONCERNS. The Parker rig crew did not work last night, so again noise levels were kept to a minimum.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The DOH noise monitoring crews that plan to be on duty from 9pm to 5am, seven days per week have not yet started. It is expected they will start at the same time the Parker rig begins working 24hrs/day

/ISION OF WATER AND LAND DEVELO NT

FROM:_____ DATE:_____ FILE IN:_____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGER
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2355 Fax: (808) 586-2452
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94 AUG 2 A10:48
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FAX TRANSMITTAL

DATE: 8/1/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 1, 1994 LAST REPORT DATE: 7/29/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-6288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant remains shut down. Plant startup, using well KS-10 only, is scheduled for Thursday, August 4th.

Parker rig crews expect to put a camera into well KS-9 tomorrow, 8/2/94 to survey the area of the obstruction in the well. The rig may go on 24 hour shift operation as of Tuesday night.

CONCERNS: Since the Parker rig crew did not work nights over the weekend, the noise has been kept to a minimum level.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 7/29/94 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	LN	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	HW	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	tm	Smet		
___	JJ	Jm		
		Chun		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGER
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 7/29/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE
FAX # (808) 933-4602

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94 JUL 29 A10:20
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SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: July 29, 1994 **LAST REPORT DATE:** 7/28/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The power plant remains shutdown.
Mechanical construction activities are ahead of schedule as of last night.
Parker rig crews have the mast pinned to the rig structure and expect to raise it today. The rig is still expected to be operational on Monday.

CONCERNS: Noise concerns have remained minimal as both construction and rig crews work only in the daylight hours.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGER
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 7/28/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 28, 1994 LAST REPORT DATE: 7/27/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant remains shutdown.
Parker crews expect to raise the mast on the drilling rig today and expect the rig to be operational on Monday.

CONCERNS: Noise concerns have not been a problem as the Parker crews have not been working at night. Area noise readings between the hours of 0545hrs and 0615hrs this morning were as low 29-31dBA in one area that normally has readings in the range of 38-43dBA and there were no readings above 33dBA that were not due to bird calls.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

/ISION OF WATER AND LAND DEVELO. ENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ L. Nanbu	___ Call	
✓	___ G. Akita	✓ Review & Comment	
___	___ L. Chang	___ Take Action	
___	___ E. Lau	___ Investigate & Report	
___	___ A. Monden	___ Draft Reply	
✓	___ H. Young	___ Acknowledge Receipt	
___	___ T. Kam	___ Type Draft	
___	___ G. Miyashiro	___ Type Final	
___	___ D. Lee	___ Xerox ____ copies	
___	___ A. Yim	___ File	
___	___		
___	___		

FOR YOUR:

___	___ R. LOUI	___ Approval
___	___ S. Kokubun	___ Signature
		___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGERT
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
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JUL 27 A11:10
DIV. OF WATER & LAND DEVELOPMENT

DATE: 7/22/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: July 22, 1994 LAST REPORT DATE: 7/21/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 951-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0555hrs was 18.8MW gross and 16.9MW net with 6 OEC units running. OEC-12 and 15 are down for maintenance while OEC-23 and 24 are on standby.

Plant shutdown is now scheduled for after peak usage hours on Saturday night, 7/23/94.

CONCERNS: Releases of H_2S have occurred in the past during shutdowns, while equipment noise, welders, cherrypickers, etc., is greatly pronounced.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: DOH expects to have its noise monitoring personnel on duty in the area from 9pm to 5am daily during the shutdown, workover, and drilling at PGV.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 7/8/94 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
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___	___			
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			✓ Information	

MUFI HANNEMANN
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RICK EGGERT
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 JUL 28 A10:44
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 7/25/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HI ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: July 25, 1994 LAST REPORT DATE: 7/22/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The power plant was shut down Saturday night, July 23, 1994, starting at 2056hrs and by 2243hrs the last turbine was shut down. Although there has been noticeable smells of H_2S at times in the plant, no recordable emissions of H_2S above the alarm level of 5ppb were seen on the permanent offsite monitoring stations.

A cement plug has been pumped down well KS-9 by Halliburton. Piping, pressure reducing valves, and supporting and structural steel will be removed in the area near the well. The Parker rig started moving into position over the well today.

CONCERNS: Although contractor crews will only work from 7am to 7pm during the shutdown, the Parker rig crew will be working 24hrs/day and noise complaints are expected to increase.

There is always the possibility of an H_2S release when piping is disassembled.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The Geothermal Compliance Coordinator completed an H2S recertification class today.

MUFI HANNEMANN
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DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 JUL 28 A10:14
DIV. OF WATER & LAND DEVELOPMENT

DATE: 7/26/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
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KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: July 26, 1994 **LAST REPORT DATE:** 7/25/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant remains shutdown. All of the piping and valving has been removed from the area immediately around well KS-9 some of the structural parts of Parker rig has been moved to the pad. Rig move continues today and plans are to have the rig over the well and operational by Friday or Saturday. It is expected to require 10 to 15 days for the repair of KS-9.

Brine/fluid handling modifications are expected to be mechanically complete within 5 days. The plant is expected to be operational by August 4th using only well KS-10.

CONCERNS: There were no construction or rig crews working last night so noise should have been at a minimum.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
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DEPUTY DIRECTOR
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 JUL 28 A10:44
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FAX TRANSMITTAL

DATE: 7/27/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
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KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 27, 1994 LAST REPORT DATE: 7/26/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant remains shutdown. The Parker rig has been moved over well KS-9 and the crew is in the process of final assembly of the rig.

The mechanical construction activities of the brine handling system are on or ahead of schedule.

CONCERNS: No construction or rig crews worked during the night, so noise should have been at a minimum.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ISION OF WATER AND LAND DEVELOP IT

FROM: JS DATE: 1/8 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	✓ Review & Comment	Plan shut down?
		L. Chang	Take Action	Yes
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	

FOR YOUR:

		R. LOUI
		S. Kokubun

Approval
Signature
Information

MUFI HANNEMANN
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BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGERS
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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JUL 22 P1:13
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FAX TRANSMITTAL

DATE: 7/18/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
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KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HI ISLAND OFFICE

FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 21, 1994 **LAST REPORT DATE:** 7/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 1010hrs was 19.0MW gross and 17.2MW net with 6 OEC units running.

Plant shutdown, scheduled for after peak usage hours on Friday night (usually after 9pm), may be delayed. A decision should be made by PGV sometime today.

CONCERNS: Shutdowns have historically been the times when there has been H_2S releases.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: The down hole seismometer installation at approximately 850ft in depth was completed this morning at 0930hrs. The only remaining work is the routing of the surface cable to the computer that is housed in the research center.

Only a small amount of H_2S was released during this operation as the accumulated gases were bubbled through caustic each morning before work started and the master valve opened to the lubricator.

CONCERNS: This seismometer will need to be removed before any work can be done on plugging and abandoning this well.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DI ION OF WATER AND LAND DEVELOPM

FROM: _____ DATE: 1/10 FILE IN: Drawer 5 18-6

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	Let's keep on top of what's happening
✓	___	L. Nanbu	✓ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
NICK EGGER
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 7/15/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 15, 1994 **LAST REPORT DATE:** 7/11/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0700hrs was 18.8MW gross and 16.9MW net with 6 OEC units running. OEC-12 and 13 are down for maintenance and OEC-23 and 24 are on standby.

Plant shutdown is still on schedule for July 23rd starting in the morning.

Helco experienced a lightning strike somewhere on its system this morning at 0609hrs that caused the Island grid to trip for a few cycles. This resulted in some equipment tripping at PGV but they were able to keep the plant on-line.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: The University of Hawaii will start installation of a down-hole seismometer in the HGP-A well on Monday, July 18, 1994. Monday's activities will include removal of the tubing installed for the down-hole pressure indicator and logging the well. Tuesday, a new lubricator (6 inch) will be installed and another logging of the well will be done with the USGS logging truck. The seismometer will be placed in the well at about the 800ft level on Wednesday.

CONCERNS: The County requested on Wednesday, that the public be informed of this operation via a press release. This will be a very visible operation and will arouse the fears of the nearby residents unless they are informed in advance. The County has also recommended that the lubricators be vented through caustic if there is any chance of H_2S being contacted when the well is open to remove or place tools in the hole. The University has requested that DOH personnel and an H_2S monitor be on-site at all times.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: There will be a meeting at HGP-A at 0730hrs Monday for project personnel and regulatory agencies.

ISION OF WATER AND LAND DEVELOPMENT

FROM: LS DATE: 7/20 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
(1) ✓		L. Nanbu	✓ Call	
		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		Janet		
		Chin		

FOR YOUR:

		R. LOUI
		S. Kokubun

Approval
Signature
Information

See the continuing question on the State's contribution into the Trust Fund. Is this, after three years, reasonable?

Response to COH

(1) LB: money went out 7/12/94 - O.K. Thanks

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2404 Fax: (808) 586-2462
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 7/8/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

FAXING COPY OF REPORT FOR YOUR REVIEW

RECEIVED JUL 19 3:44 DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: July 8, 1994 LAST REPORT DATE: 7/5/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0730hrs was 18.8MW gross and 17.2MW net with 6 OEC units running. OECs 12, 13, and 23 are on standby while OEC-24 is down for maintenance.

PGV is receiving loads of casing for their workover program on well KS-9 and for the drilling of wells KS-12 and KS-13. the plant shutdown for the installation of the new injection header and other piping modifications in the brine handling system is still scheduled for July 23rd and is expected to take about ten days. Workover notification letters to the surrounding residents will be mailed sometime this week.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: This week's meeting of the joint community and County committee to redraft the Geothermal Asset Fund Rules, focused around the $10,000 that PGV promised to give to the "appropriate local community organization for the sole purpose of enabling the community's involvement in the formation and implementation of this asset fund". There seems to be no documentation that this actually occurred although PGV assumes that it was part of the $60,000 which was their initial contribution to the asset fund. This matter will be investigated further. There continues to be many questions on the matter of annual State contributions to the asset fund.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: JG DATE: 7/19 FILE IN:

TO:	INIT:	PLEASE:	REMARKS:
	M. TAGOMORI	See Me	Know anything about the "meeting" this morning of UGPA? Who attended? Anyone?
(1) ✓	L. Nanbu	Call	
	G. Akita	Review & Comment	
	L. Chang	Take Action	
	E. Lau	Investigate & Report	
✓	A. Monden	Draft Reply	
	H. Young	Acknowledge Receipt	
	T. Kam	Type Draft	
	G. Miyashiro	Type Final	
	D. Lee	Xerox ____ copies	
	A. Yim	File	
	Jan Janet Cruz		

FOR YOUR:

R. LOUI	Approval
S. Kokubun	Signature
	Information

This has to do with the installation of the borehole seismometer for Pat Cooper - Eric is watching the installation work

C.K. Thomas

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGERT
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 7/18/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-CPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 18, 1994 LAST REPORT DATE: 7/15/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0615hrs was 19.0MW gross and 17.5MW net with 6 OEC units running.

Plant shutdown is still scheduled for July 23, 1994 starting in the morning hours.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Activities preparatory to installing the down hole seismometer will start this morning.

CONCERNS: As of this morning no public announcement of the activities at HGP-A has been made by the University. This was requested by the County last Wednesday as a simple courtesy to the residents living near HGP-A. This lack of information can only generate fear and rumors in the surrounding community.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: There is a meeting of project personnel and regulatory agencies at HGP-A this morning at 0730hrs.

SION OF WATER AND LAND DEVELOPM IT

FROM: _____ DATE: 7/11 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		~~G. Akita~~	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		Janet		
		Jon Chris		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 11, 1994 LAST REPORT DATE: 7/8/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0740hrs was 18.9MW gross and 17.1MW net with 6 OEC units running. OEC-12 is down for maintenance and OEC-13, 23, and 24 are on standby.

Plant shutdown is still planned for July 23rd, with a drilling rig to be mobilized for the workover of KS-9 during this period.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 7/5/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

RECEIVED 94 JUL 5 P3:21 DIV OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 5, 1994 LAST REPORT DATE: 7/1/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0745hrs was 18.8MW gross and 17.2MW net with 5 OEC units running. OECs 13, 14, and 23 are on standby. OEC-24 is down for maintenance.

Plant shutdown for the tie-in of the new injection header and brine handling piping is still scheduled for the 23rd of July and is expected to last up to ten days. A drill rig will be mobilized over well KS-9 during the plant shutdown and workover of the well is expected to start during the period of plant startup.

CONCERNS:

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The joint community and County committee to redraft the Geothermal Asset Fund Rules, will meet tonight in Pahoa. Past meetings have only focused on the amount of money in the asset fund and the State's contributions after the "initial annual contribution".

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: July 1, 1994 LAST REPORT DATE: 6/28/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0715hrs was 18.9MW gross and 17.2MW net with 5 OEC units running. OECs 13,14,23, and 24 are on standby. Work on the new injection header and additional/modified brine handling piping and equipment is continuing.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The Letters of Agreement (LOA), providing funds for the County Geothermal Compliance Coordination position, were signed this week and copies faxed to DLNR and DBEDT. The County is still awaiting the LOA from DOH. When complete, the LOAs from the three State agencies will provide funds for an additional six months.

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGERT
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2404 Fax: (808) 586-2452
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FAX TRANSMITTAL

DATE: 6/28/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
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KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: June 28, 1994 LAST REPORT DATE: 6/24/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0755hrs was 18.9MW gross and 17.3MW net with 6 OEC units running. OECs 13,14,23, and 24 are on standby.

Construction work continues on the new injection header and additional/modified brine handling piping and equipment. The date for plant shutdown and tie-in of the new construction is set for July 23, 1994. Work is expected to require up to ten days.

During that plant shutdown well KS-9 will be isolated from the system by swinging blinds at the separators and closing block valves. Mobilization of the drilling rig over the well will also take place during this time period. Actual workover on the well is expected to start approximately the same time as plant startup, near the end of July.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The fourth meeting of the joint County and community committee to redraft the Geothermal Asset Fund Rules was held last night in the Leilani Community Center. Discussion again focused on continued State funding for the Asset Fund. The community members want it emphasized that they will work on developing the Rules whether on not the funding is there, but felt that work on both should advance together.

There has been criticism from some of Leilani Estates Board of Directors regarding the community members chosen to be on the committee to redraft the asset fund rules.

SION OF WATER AND LAND DEVELOP T

FROM: _____ DATE: _____ FILE IN: June 20, 99

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
___	HMY	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___	JKNT		
___	___	SM		
		Chaw		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGE
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2404 Fax: (808) 586-2482
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 6/17/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

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94 JUN 20 P 1:08
DIV. OF WATER & LAND DEVELOPMENT

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: June 17, 1994 LAST REPORT DATE: 6/13/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0645hrs was 19.0MW gross and 17.5MW net with 6 OEC units running. OEC-11 and OEC-23 are down for maintenance and OEC-21 and OEC-24 are on standby.

Construction has started on the installation of a new reinjection header and associated, additional brine handling equipment and piping modifications.

CONCERNS: None at this time.

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

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94 JUN 20 P 4:00
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DATE: 6/17/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: June 17, 1994 LAST REPORT DATE: 6/13/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0645hrs was 19.0MW gross and 17.5MW net with 6 OEC units running. OEC-11 and OEC-23 are down for maintenance and OEC-21 and OEC-24 are on standby.

Construction has started on the installation of a new reinjection header and associated, additional brine handling equipment and piping modifications.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The second meeting of the joint County and community committee to redraft the Geothermal Asset Fund Rules was held Monday night in Pahoa. Community members that were selected last week are Adrian Barber, Catherine Ford, Jo West, Steve Philips, Bob Patricci, Luana Jones, and Aurora Martinovich. Alternates are Jane Hedtke, Ray Lake, Brent Coles, Darwin Barbie, and Burt Kauhi. Gregg Pommerenk was asked to be the "advisor" to the community members as well as facilitating the meetings. The first meeting focused on the amount in the asset fund and lack of continued funding by the State versus the stated objectives in Condition No. 51 and how this would affect the formation of the Rules.

Condition 51 - STATE will pay an annual amount which was tied into HGPA

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGERT
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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JUN 22 A10:23
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KEITH AHUE/JACK KEPPLER
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FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

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JUN 2 0 1994

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: June 20, 1994 **LAST REPORT DATE:** 6/17/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0700hrs was 18.9MW gross and 17.3MW net with 6 OEC units running.

Construction continues on the installation of a new reinjection header and associated brine handling, piping modifications.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The third meeting of the joint community and County committee to redraft the Geothermal Asset Fund Rules will be held tonight at 7pm at the Pahoa Neighborhood Center.

DIV... ON OF WATER AND LAND DEVELOPME.

FROM:_____ DATE: 6/7/ FILE IN:_____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
✓				
✓				

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 6/9/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

RECEIVED 94 JUN 17 A9:01 DIV. OF WATER & LAND DEVELOPMENT

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

FAXING COPY OF REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: June 9, 1994 LAST REPORT DATE: 6/694

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0635hrs was 18.0MW gross and 16.5MW net with six OEC units running. OEC-15 and OEC-22 are on standby and OEC-23 and OEC-24 are down for maintenance.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: Interested people from the community will meet tonight to choose the 7 representatives plus three alternates to work with the Planning Department on the redrafting of the Geothermal Asset Fund Rules as directed by the Planning Commission. The first working meeting of the committee will be held on Monday, June 13, 1994 at 7pm at the Pahoa Neighborhood Center. The Planning Commission has asked for a workable draft by their next Hilo meeting which will be held July 28, 1994.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 6-7 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
✓	___	Jon		
✓	___	Janet		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGER
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2436 Fax: (808) 586-2452
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FAX TRANSMITTAL

DATE: 6/6/94

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JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: June 6, 1994 LAST REPORT DATE: 6/3/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0715hrs was 18.2MW gross and 16.7MW net with 6 OEC units running. OEC-11 and OEC-23 are down for maintenance while OEC-21 and OEC-22 are on standby.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIV N OF WATER AND LAND DEVELOPMEN

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. ~~Nanbu~~	___ ~~Call~~	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___	Tom		
___	___	Janet		
		Chuck		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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DATE: 6/3/94

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JACK LEWIN/BRUCE ANDERSON
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: June 3, 1994 LAST REPORT DATE: 6/1/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0715hrs was 18.5MW gross and 16.9MW net with 6 OEC units running. OEC-21 is down for painting, OEC-24 is on standby, and OEC-22 and OEC-23 are down for maintenance.

Fiber glass patching continues on the reinjection lines at areas that were identified earlier in the week.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: An initial meeting between the community and the Planning Department for work on the Geothermal Asset Fund Rules resulted in an agreement for 7 community members plus three alternates to represent the community in the working group. These community members will be chosen at a meeting to be held at 7pm on June 9, 1994. This group plus the Planning Department staff and a representative from Corporation Counsel will then hold the first working meeting on Monday June 13, 1994 at 7pm in the Pahoa Neighborhood Center.

DI' ON OF WATER AND LAND DEVELOPMF

FROM: _____ DATE: 5/31 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	Drawer 5 File #18
		L. Nanbu	Call	
		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGERT
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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Drawer 5
File #18

DATE: 5/27/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE
FAX # (808) 933-4602

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: May 27, 1994 **LAST REPORT DATE:** 5/23/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0830hrs was 17.9MW gross and 16.2MW net with 6 OEC units running. OEC-23 is down for maintenance, OEC-21 is down for painting, and OEC-22 and OEC-25 are on standby.

CONCERNS: There have been recent reports of "suspicious smells" from the area over the last two days, however a complete check of the area, plant site, and monitoring station data show no smells of H_2S, any other "smell", or any recorded emissions.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The Planning Director and the Geothermal Compliance Coordinator will meet with Kapoho Community Association this evening at 7pm in the Pahoa Neighborhood Center to discuss what is known about PGV future drilling plans.

DIV ON OF WATER AND LAND DEVELOPME.

FROM: _____ DATE: _____ FILE IN: Drawer 5 File # 18

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
✓		L. Nanbu	Call	
✓		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
✓				
✓		Chris		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

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BARBARA KIM STANTON
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RICK EGGERS
DEPUTY DIRECTOR
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

4L

DATE: 5/17/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: May 17, 1994 LAST REPORT DATE: 5/13/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0640hrs was 18.4MW gross and 16.8MW net with 6OEC units running. OEC-21 and OEC-22 are down for painting.

The Board of Land and Natural Resources approved the DLNR staff recommendation to refuse to grant PGV a contested case hearing on the Board's decision on the method of calculation of royalties.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The County Planning Commission will continue its consideration of the Geothermal Asset Fund Rules at its May 19, 1994 meeting in Hilo. The meeting will start at 10am with the Asset Fund Rules scheduled to be considered at 3pm.

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
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TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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DATE: 5/23/94

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KEITH AHUE/JACK KEPPLER
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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: May 23, 1994 **LAST REPORT DATE:** 5/20/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0620hrs was 17.9MW gross and 16.5MW net with 6 OEC units running. OEC-12 and OEC-23 are on standby and OEC-21 and OEC-22 are down for painting.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

CONCERNS: The H_2S monitoring stations all needed recalibration yesterday due to a power failure at a Helco substation in the area that shut off power to several nearby communities. There were no other plant problems.

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 5/20/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
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KEITH AHUE/JACK KEPPLER
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: May 20, 1994 **LAST REPORT DATE:** 5/17/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James S. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0520hrs was 18.2MW gross and 16.8MW net with six OEC units running. OEC-12 was taken down for maintenance last night, OEC-21 and OEC-22 are down for painting, and OEC-23 is on standby.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The County Planning Commission continued the hearing on the Geothermal Asset Fund Rules (GAFR) yesterday and sent the proposed draft back to the Planning Department with directions to work with the surrounding residents to produce a draft version of the GAFR that both the Planning Department and the surrounding residents can agree on. This draft was to be prepared for the next Hilo meeting of the Planning Commission.

DOWALD PUBLICATION ROUTE SLIP

M. TAGOMORI
G. AKITA
H. Young
T. Kam
S. Yong
C.P. Chang
T. Nakama
J. Swift
J. Florez
~~M. Takoshi~~
Y.F. XU

E. LAU
A. Monden
A. Yim
S. Agraan
K. Chung
M. Emiliano

L. CHANG
G. Miyashiro
D. Lee
D. Imada
E. Yuasa
G. Morimoto
P. Manthos
S. Lee
J. Menor

save geo. file

BIRAG plans new geo protest

❑ Demonstrators to protest lack of asset fund rules

By Gordon Y.K. Pang
Tribune-Herald

The Big Island Rainforest Action Group is planning a demonstration at the County Building Thursday to protest the county's policies on geothermal development.

The 2 p.m. demonstration is scheduled to precede a 3 p.m. meeting of the county Planning Commission. At that time, commissioners are expected to take up proposed rules for the county's geothermal asset fund.

When the Planning Commission granted Puna Geothermal Venture its geothermal resource permit in 1989, a condition of approval was the creation of an asset fund. The commission had developers of the energy source — specifically the state and PGV — place money into the fund to address geothermal-related concerns of its neighbors.

BIRAG, like other groups, has been frustrated because nearly five years and three administrations have gone by without the establishment of rules governing the dissemination of the fund, which currently amounts to more than $500,000. As a result, no money has been disbursed.

Area residents have also been angry with the rules proposed by the Yamashiro administration. At two public hearings held in lower Puna last year, both the administration and the commission were assailed by residents.

It didn't help when, during a November meeting in Keaau, Assistant Corporation Counsel Ted Hong told commissioners they did not have the power to reopen PGV's permit as requested by residents.

Under the latest proposed rules, a claimant would need to apply to a panel which would then make its recommendation to the Planning Commission. An unsuccessful claimant could take the commission's decision to the county Board of Appeals.

Residents said they'd rather pick their own panel and that the proposed system invests too much power with the mayor.

"The proposed rules are designed to deny compensation to people being affected by geothermal," said Leilani Estates resident Robert Petricci. "Community input has been repeatedly ignored."

BIRAG spokesman Jim Albertini said the county has "stonewalled" lower Puna residents through its actions. He said even if fair rules are adopted, the amount in the fund is "petty cash ... compared to the impacts which have already occurred."

Albertini said a worst-case scenario would cause an evacuation of properties inside a four-mile radius of the Pohoiki plant. "This involves an area with properties valued in excess of $750 million," he said. He suggested that the county require PGV to carry liability insurance "so the county doesn't get left holding an empty asset fund bag."

Deputy Planning Director Norman Olesen said yesterday that the department has not come up with revised rules since the last airing in November. He added that while the department has come up with a proposal, the rules are strictly that of the commission which must come up with a final set of rules.

-Hawaii Tribune - Herald, Monday, May 16, 1994

BIRAG has praise for Democrats

The Big Island Rainforest Action Group, which is opposed to geothermal development on the island, commended the Big Island Democratic Party for its stand against statewide geothermal development at its recent convention.

BIRAG spokesman Eugene Fulks said Democrats should be praised for a similar resolution calling for stoppage geothermal developoment in the Wao Kele o Puna.

—Photo by HIEDB

FRUIT JUICE — Kahua Ranch's Monty Richards, chairman of a committee looking into redevelopment on the Hamakua Coast, hands a $160,000 check from the federal government to Dennis Maeda of the Tropical Hawaiian Products group. On Friday, old-time plantation workers joined new entrepeneurs in Paauhau for a groundbreaking and blessing of the tropical fruit project. Ventures such as Maeda's are among several alternative crops being looked at for replacements to sugar cane in the region. Federal funding is also expected for wetland taro and grass-fed beef cattle.

Drawer 5
File #18

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
NICK EGGER
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 5/13/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HI ISLAND OFFICE
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94 MAY 25 A10:43
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5/13/94 - REVISION: THIS REPORT SUPERSEDES EARLIER TRANSMISSION

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: May 13, 1994 LAST REPORT DATE: 5/9/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0630hrs was 18.2MW gross and 16.6MW net with 6 OEC units running. OEC-21, OEC-22, and OEC-23 are down for painting.

Workover of well KS-9 is now expected to start in July with the drilling of the next two wells to follow subsequently. It is uncertain what rig will be used for the workover.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

Planner 5
File 18

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGE
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 MAY 25 A10:42
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 5/13/93

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

FAXING COPY OF REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSI IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

4

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: May 13, 1994 LAST REPORT DATE: 5/9/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0630hrs was 18.2MW gross and 16.6MW net with 6 OEC units running. OEC-21, OEC-22, and OEC-23 are down for painting.

Workover of well KS-9 is now expected to start in July with the drilling of the next two wells to follow subsequently. It is uncertain what rig will be used for the workover.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: A geothermal workshop was held yesterday for the members of the County Planning Commission to give them a general overview of geothermal energy in general and geothermal development on the Island in particular. Immediately after the workshop, there was a visit to the PGV plant site and a tour of the surrounding community.

DIV N OF WATER AND LAND DEVELOPME

Drawer 5
File # 18

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
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			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			✓ Information	

① AIC
② WC

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To Keith Ahue	From Steven Morris
Co. DLNR	Co. Puna Geothermal
Dept.	Phone # 528-5225
Fax # 587-0390	Fax # 524-9349

Date: April 19, 1994

RECEIVED
94 APR 28 P12:04
DIV. OF WATER & LAND DEVELOPMENT

FOR IMMEDIATE RELEASE

Contact Person: Steven E. Morris
Hawaii - 965-6233
Oahu - 528-5225

Title: PUNA GEOTHERMAL VENTURE RESUMES POWER PRODUCTION

Puna Geothermal Venture announced that its Pohoiki power plant was back in service. The plant had been shut down for planned maintenance and installation of additional brine handling equipment. The scheduled plant activities were completed without incident.

During the plant shut down routine surveys were performed on PGV's two production wells KS-9 and KS-10. While surveying production well KS-9 an obstruction was found in the upper portion of the internal well liner. The obstruction is believed to be a deformity in the liner. The obstruction does not affect well safety. In addition, a logging tool was lost in KS-9 during the survey.

"The obstruction has probably been in the KS-9 well for some time and has not noticeably affected production from the well," said Steven E. Morris, Vice President and General Manager of PGV. "However, plans are being formulated to remove the obstruction, repair the liner, and retrieve the survey tool. The timetable for completing this work has not been determined. The well is currently back in service, but will be operated at a reduced flow rate to reduce the flow velocity past the obstruction until it is removed and the survey tool retrieved," Morris added.

The plant is currently operating at approximately 16 megawatts.

# # #

DIVI N OF WATER AND LAND DEVELOPMEN

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGER
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2355 Fax: (808) 586-2452
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FAX TRANSMITTAL

RECEIVED
94 MAY 11 A10: 32
DIV. OF WATER & LAND DEVELOPMENT

DATE: 5/9/93

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: May 9, 1994 LAST REPORT DATE: 5/6/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0620hrs was 17.8MW gross and 16.1MW net.

Well KS-9 is still being curtailed to 180,000lbs/hr flow. This situation will probably remain in effect until the well is repaired and the lost logging tool removed. Current plans are that work will start sometime in July.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIV ON OF WATER AND LAND DEVELOPMEN

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	Note question on Policy Permit.
✓	___ L. Nanbu	✓ Call	
___	___ G. Akita	✓ Review & Comment	
___	___ L. Chang	✓ Take Action	
___	___ E. Lau	___ Investigate & Report	
___	___ A. Monden	___ Draft Reply	
✓	___ H. Young	___ Acknowledge Receipt	
___	___ T. Kam	___ Type Draft	
___	___ G. Miyashiro	___ Type Final	
___	___ D. Lee	___ Xerox ____ copies	
___	___ A. Yim	___ File	
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___	___		
		FOR YOUR:	
___	___ R. LOUI	___ Approval	
___	___ S. Kokubun	___ Signature	
		___ Information	

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2355 Fax: (808) 586-2482
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

RECEIVED
94 MAY 10 A10:32
DIV. OF WATER & LAND DEVELOPMENT

DATE: 5/6/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON FAX #
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: May 6, 1994 LAST REPORT DATE: 5/2/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0715hrs was 18.4MW gross and 16.7MW net. Six OEC units are operating, OEC-23 and OEC-24 are down for maintenance and painting, and the remaining units are in a standby mode.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: Someone has told PGV they need to have building permits for well cellars. The County Building Department and DLNR will be queried regarding this.

DIV N OF WATER AND LAND DEVELOPMEN

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
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			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

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94 MAY 3 P1:05
DIV. OF WATER & LAND DEVELOPMENT

DATE: 5/2/94

TO: MUFI HANNEMANN/TAK YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HI ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: May 2, 1994 LAST REPORT DATE: 4/29/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0715hrs was 17.7MW gross and 16.2MW net with 6 OEC units running. OEC-23 is down for maintenance and OEC-24 is down for painting.

The schedule for the repair of the "deformity" in the liner of Well KS-9 and the removal of the lost logging tool has slipped to July instead of June due to Helco's scheduling problems.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: JS DATE: 6-7 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
✓		Don		
✓		Frank		
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		R. LOUI	Approval	
		S. Kokubun	Signature	
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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: April 15, 1994 LAST REPORT DATE: 4/11/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Problems were encountered during the initial startup stages yesterday and thus startup has been delayed until today. As of 0625hrs this morning a valving problem remained and there was no projected startup time.

There were no H_2S emissions that reached the surrounding community during this plant shutdown.

CONCERNS: During pressure and temperature logging operations of well KS-9 on Thursday, 4/14/94, the tool was dropped into well. Plans for startup were to use only well KS-10.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 4/15-/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ~~ANDERSON~~
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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DIVIS OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ L. Nanbu	___ Call	
___	___ G. Akita	___ Review & Comment	
___	___ L. Chang	___ Take Action	
___	___ E. Lau	___ Investigate & Report	
___	___ A. Monden	___ Draft Reply	
___	___ H. Young	___ Acknowledge Receipt	
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___	___ G. Miyashiro	___ Type Final	
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		FOR YOUR:	
___	___ R. LOUI	___ Approval	
___	___ S. Kokubun	___ Signature	
		___ Information	

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94 APR 20 P3:10
DIV. OF WATER & LAND DEVELOPMENT

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: April 20, 1994 LAST REPORT DATE: 4/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0450hrs was 18.2MW gross and 16.5MW net. Well KS-9 is flowing at ~180,000lbs/hr. With well KS-10 producing ~7MW, this means that KS-9 should be producing from 9-11MW.

CONCERNS: PGV will make further attempts to remove the lost tool in well KS-9 at the same time as repairs are made to a recently discovered "deformity" in the upper part of the 7 inch liner. This deformity is assumed to have been in the well for some time without affecting flow characteristics.

TRIB GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: April 18, 1994 LAST REPORT DATE: 4/15/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0850hrs was 5.1MW gross and 4.1MW net with 2 OEC units running. Plant startup after last weeks shutdown commenced on Friday evening with the first power to the grid at 0130hrs on Saturday 4/16/94. The plant started up using just well KS-10 and this situation continued throughout the weekend.

During a logging procedure of well KS-9 on Thursday, 4/14/94, the survey tool was dropped into the hole. Attempts to retrieve this tool have been unsuccessful to date. PGV plans to slowly open well KS-9 this morning on the assumption that the tool is stuck in the bottom of the well.

CONCERNS: There were no offsite H2S alarms during the five day shutdown and no levels of H2S were measured by roving monitors.

Station "B" alarmed at 5ppb last night at approximately 2100hrs. Portable monitors obtained zero readings and there was no noticeable smell. This was evidently due to lack of caustic concentration in the large portable tank on pad A into which well KS-9 has been bleeding since Sunday evening.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

L SION OF WATER AND LAND DEVELOPM T

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
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			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

WL

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 4/8/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH ACSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: April 8, 1994 LAST REPORT DATE: 4/5/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0710hrs was 27.3MW gross and 25.2MW net with 8 OEC units running. Painting procedures are nearly complete on OEC-15 and are starting on OEC-25.

Power plant shutdown is still scheduled for starting at 1900hrs on Sunday, 4/10/94 with projected startup on Thursday afternoon, 4/14/94. Full power production is anticipated by PGV to be reached by Friday morning.

CONCERNS: Power plant shutdowns in the past have resulted in H2S leaks that are smelled in the surrounding community.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 4/11/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: April 11, 1994 **LAST REPORT DATE:** 4/8/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The power plant was shut down starting at 2100hrs last night. There were no offsite H2S alarms and only one brief on-site alarm at one of the OEC units. Extensive flushing and degassing of the piping continued throughout the night and is still on-going. Tie-ins to finish the installation of the additional brine handling equipment were starting this morning.

The shutdown is expected to continue until Thursday afternoon 4/14/94.

Well KS-10 is flowing approximately 35,000lbs/hr into injection well KS-1A and is being mixed with 40bbl/hr of well water. Well KS-9 is being bled into a "frac" tank that contains caustic to remove the H2S.

CONCERNS: As more equipment and piping is opened, there is always the possibility of a release of H2S which may reach the surrounding community.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

D[illegible]ION OF WATER AND LAND DEVELOPM[illegible]

FROM: [illegible] DATE: 4-7 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
✓		L. Nanbu	✓ Call	
	[illegible]	G. Akita	Review & Comment	Note "Concerns"
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
✓	[illegible]	H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
	[illegible]	[illegible]		
	[illegible]	[illegible]		
	[illegible]	[illegible]		
		R. LOUI	FOR YOUR:	
		S. Kokubun	Approval	
			Signature	
			Information	

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 3/31/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

RECEIVED
94 APR 7 P12:30
DIV. OF WATER & LAND DEVELOPMENT

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: April 5, 1994 LAST REPORT DATE: 3/31/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 1012hrs was 26.5MW gross and 24.5MW net. OEC-15 is still down for painting with OEC-11 being brought on-line this morning.

Power plant shutdown is still scheduled for April 10, 1994, starting after 1900hrs.

A contractor has been installing fiberglass patches on all the weld areas of the schedule 10, reinjection line to insure that these areas that may have minor pin-hole leaks do not put H2S into the atmosphere.

CONCERNS: PGV personnel think that local antigeothermal protestors have been using a scanner to listen in on PGV radio communications. Since those with the scanners do not hear the complete and full discussion and resolution of problems that are only mentioned on the radio, words taken out of context and partial information are reported to the press as fact.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 3/31/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

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94 APR 4 A11:
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 31, 1994 LAST REPORT DATE: 3/14/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0615hrs was 25.0MW gross and 22.8MW net with 8 OEC units running. OEC-15 is down for painting and OEC-21 is down for maintenance.

Power plant shutdown to tie in the new brine line from pad "A" is now planned for April 10th somstime after 1900hrs, with the plant expected to be again generating power on the afternoon of the April 14th.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 3/11/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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94 MAR 21 A11:30
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 11, 1994 **LAST REPORT DATE:** 3/7/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0650hrs was 27.5MW gross and 25.3MW net. OEC-14 is down for painting and OEC-21 is down for maintenance.

The remaining insulation has been removed from the welds on the reinjection line between the power plant and the injection wells. A number of very small pin hole leaks were found as expected. At this point in time they are causing no real problems. Work continues on determining the actual metallurgical cause and a solution.

CONCERNS: Reinjection line leaks, if they increase could cause an H2S problem offsite.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

RECEIVED
94 MAR 7 P1:28
DIV. OF WATER & LAND DEVELOPMENT

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 7, 1994 **LAST REPORT DATE:** 3/4/93

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0715hrs was 27.7MW gross and 25.5MW net. OEC-14 is down for painting.

The insulation contractor is still in the process of removing the insulation from the welds in the reinjection header. It is expected that more pinhole leaks will be found.

CONCERNS: There was a definite smell of H2S on "A" pad this morning but there was no indication whether it was coming from the producing wells or the drilling sump nearby. It is possible that it may reach the surrounding community.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 3/7/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

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DIVISION OF WATER AND LAND DEVELOPMENT

FROM: JS DATE: 3-7 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
✓		Jon Hirschtick on behalf of Chris		

			FOR YOUR:
		R. LOUI	Approval
		S. Kokubun	Signature
			Information

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2404 Fax: (808) 586-2482
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 3/4/94

MUFI HANNEMANN/TAKESHI YOSHIHARA
TO: JACK LEWIN/BRUCE ANDERSON FAX #
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

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94 MAR 7 A 7: 26
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 4, 1994 **LAST REPORT DATE:** 3/2/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0645hrs was 24.8MW gross and 22.6MW net. OEC-13 will be put back into service today with OEC-14 coming down for painting.

The leaking section of reinjection line near well KS-3 was removed last night and will be sent for metallurgical analysis. Welding repairs to that area were still in progress at 0730hrs.

The insulation contractor started removing insulation from all welds in the reinjection header yesterday. With the job half done several more pinhole leaks were discovered.

Investigative work is still continuing at to the exact cause of the leaks, a short term solution and a permanent solution.

CONCERNS: Possible emissions of H2S that are noticeable in the surrounding community remain a concern.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: A meeting was held with the Planning Director and PGV management regarding the COH Building Department's determination that some of PGV's lighting does not meet County code. PGV informally presented information compiled by their lighting design contractor that shows the lighting to be properly designed and conforming to code. This information will be given to the Building Dept. to be reviewed when it is received by the Planning Dept.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 3/9 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
✓	___	Jon Mark		
		for Janet Ellman	FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 3/2/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

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94 MAR 3 P3:36
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 2, 1994 **LAST REPORT DATE:** 2/28/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0710hrs was 12.1MW gross and 10.4MW net. OEC-13 is still down for painting.

Pinhole leaks developed in the reinjection line leading from the reinjection header to well KS-4 yesterday. Generation load was reduced to 10MW (or to the load corresponding to the reinjection flow that wells KS-1A and KS-3 can handle) after 2100hrs last night. The line was isolated, flushed and welding repair started after midnight. When the line was pressured this morning at 0830hrs another pinhole leak appeared.

PGV had not informed us of at least five other leaks in the schedule 10, stainless steel 317L, reinjection header and lines that were discovered last week and over the weekend. As soon as the repair of the leak near well KS-4 is finished, well KS-3 will be taken out of service to cut out a leaking section and send the whole section to a metallurgical laboratory for complete analysis. Most of the leaks are in the main header near well KS-1A. The leaks are generally not in the weld itself but in the heat affected zones very near the welds.

CONCERNS: These leaks bring up two concerns. The first is H2S emissions that reach the community as happened this morning at 0330hrs when monitoring station A recorded a 6ppb H2S reading for approximately 1/2 hour. Traces of H2S were still apparent in Lanipuna Gardens this morning at 0710hrs. The second concern is that these leaks will continue to develop until the solution is found for the problem. At this point PGV has called in consultants from various fields for advice and this coupled with the metallurgical analysis should define the problem sufficiently for a solution to be designed.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2652
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 2/28/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

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94 MAR 1 A9:59
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 28, 1994 **LAST REPORT DATE:** 2/25/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0710hrs was 27.9MW gross and 25.9MW net. OEC-13 is still down for painting.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 FEB 25 A8:45
STATE OF HAWAII

FAX TRANSMITTAL

DATE: 2/25/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 25, 1994 **LAST REPORT DATE:** 2/22/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0540hrs was 25.1MW gross and 22.0MW net. OEC-13 is still down for painting and repairs are continuing on the lead vessel of the Sulfa-Treat unit.

CONCERNS: None at this time

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

D' ION OF WATER AND LAND DEVELOPM' '

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS: Drawer 8 Filett 18
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___	Janet		
___	___	Mark		
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 2/22/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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UNIV. OF HAWAII
LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 22, 1994 LAST REPORT DATE: 2/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0645hrs was 27.3MW gross and 25.0MW net. OEC-13 is still down for painting.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True has not yet given a target date for mobilization for the rig move in preparation for the plug and abandon procedure they plan on their well KA1-1.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

D ION OF WATER AND LAND DEVELOPM T

FROM: [illegible] DATE: [illegible] FILE IN: Drawer 5 File # 18

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	Word of plug and abandonment appears to be out
		L. Nambu	Call	
✓		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		[illegible]		
		[illegible]		
		[illegible]		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

780

JOHN WAIHEE
GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2662
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 2/14

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

RECEIVED
94 FEB 15 A10:30
DIV. OF WATER & LAND DEVELOPMENT

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 14, 1994 **LAST REPORT DATE:** 2/11/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0800hrs was 27.3MW gross and 25.3MW net. OEC-13 is still down for painting.

Well KS-10 was logged (pressure, temperature, and spinner logs) on Sunday starting at 0839hrs. There were no apparent emissions of H2S that reached any community areas. This is the first time a well has been logged at PGV with no apparent emissions of H2S.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True expects to start a plug and abandonment procedure on their well KA1-1 and complete the procedure by mid-March. They plan to move their drill rig from PGV's laydown yard up to their drill site up-rift, bring in crews, perform the procedure, demobilize, and place their rig in another storage area. They are currently requesting approval from DLNR.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Drawer 5
File # 18

D ION OF WATER AND LAND DEVELOPM T

FROM: _____ DATE: 7/1/ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

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FAX TRANSMITTAL

DATE: 2/11/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

RECEIVED
94 FEB 11 A10:51
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 11, 1994 **LAST REPORT DATE:** 2/7/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0715hrs was 27.1MW gross and 25.1MW net. OEC-13 is down for painting.

PGV was planning to run pressure, temperature, and spinner logs in well KS-10 on Thursday, 2/10/94 however a necessary part did not arrive. The part is expected today with logging planned for this afternoon or tomorrow.

CONCERNS: There is always the possibility of H2S leaks occurring when logging procedures are being carried out, since the logging instruments (tools) must be inserted into the well under pressure.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	← Who is Benube?
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Kim	___ File	
___	___			
___	___			
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			✓ Information	

KA

Post-it™ brand fax transmittal memo 7671	# of pages ▸
To Keith Ahue	From Steven Morris
Co. DLNR	Co. Puna Geothermal
Dept.	Phone # 528-5225
Fax # 587-0390	Fax # 524-9349

Date: January 28, 1994

FOR IMMEDIATE RELEASE

Contact Person: Barry Mizuno
Hawaii Island 965-6233

Title: PUNA GEOTHERMAL VENTURE BACK ON LINE

As a follow up to the press release of last night, Puna Geothermal Venture announced that its 25 megawatt power plant was on line at 5:20a.m. this morning. The power plant was shut down around 7:30p.m. last night in order to repair a small leak in a pipe leading from the power plant to the rejection wells.

# # #

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94 JAN 28 P 3: 38
DIV. OF WATER &
LAND DEVELOPMENT

Post-it™ brand fax transmittal memo 7671	# of pages ▸
To Keith Ahue	From Steven Morris
Co. DLNR	Co. Puna Geothermal
Dept.	Phone # 528-5225
Fax # 587-0390	Fax # 524-9349

Date: January 27, 1994

FOR IMMEDIATE RELEASE

Contact Person: Barry Mizuno
Hawaii Island 965-6233

Title: PUNA GEOTHERMAL VENTURE OFF-LINE TO REPAIR PIPE

Puna Geothermal Venture announced that it shut down its 25 megawatt power plant at around 7:30 this evening in order to repair a small leak in a pipe leading from the power plant to the reinjection wells.

"The power plant was shut down without incident. Repair to the pipe and a return to normal operation is expected by morning," stated David Berube, Site Manager for PGV. "The current problem is unrelated to recent repairs of another section of the reinjection line," Berube said.

The leak was discovered this afternoon and State and County agencies were notified immediately. There were no permit violations. Highest emission level measured 2 parts per billion.

# # #

SION OF WATER AND LAND DEVELOP' 'T

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

455

JOHN WAIHEE
GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 1/28/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

RECEIVED
94 JAN 31 A11:14
DIV. OF WATER & LAND DEVELOPMENT

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 28, 1994 **LAST REPORT DATE:** 1/25/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: A leak on the 8 inch injection near well pad A was discovered late yesterday afternoon. A nearby resident had phoned with an H2S complaint, and in checking out the complaint the leak was discovered. The leak was the result of a bad weld in the Schedule 10 stainless steel injection line. The piping was obviously not well aligned when the weld was made which probably resulted in residual stresses, exacerbating any corrosion phenomena occurring inside the piping. Power production was decreased to 13MW net which decreased the reinjection flow and the leak became intermittent. The plant was shut down slowly as HELCO's load permitted, with the wells being shut in at 2015hrs. The weld was repaired, well KS-9 was reopened and the plant was in the heat removal mode at 0450hrs this morning.

CONCERNS: At 1700hrs yesterday there was obvious H2S smell in the NGP-A, lower Leilani, and West Lanipuna Gardens areas. This morning at 0608hrs there was H2S smell between Lauone St. and the Martinovich residence on Hinale St. in Lanipuna Gardens. There was a lack of available monitoring manpower at PGV during this problem. The day shift had a monitoring person that was unable to drive for medical reasons and the night shift that was coming on had no one assigned to the monitoring function. PGV placed information regarding the leak and the planned evening shutdown on their information line (934-9072) but their complaint line (965-8843) did not have that information yet this morning at 0710hrs.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

CONCERNS: DOH was not notified, except as a message left on one of six after hours phone numbers. If one person could be designated as the on-call person for the night and given a particular pager, the PGV would not have to call so many numbers when the control operator is very busy calling all the agencies plus trying to shut the plant down in an orderly manner.

Drawer 5
File # 18

DIVI... N OF WATER AND LAND DEVELOPMEN

FROM: _____ DATE: 2/8/94 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	~~G. Akita~~	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	MI	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	MR			
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 2/7/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

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94 FEB 8 A10:28
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 7, 1994 **LAST REPORT DATE:** 2/4/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0730hrs was 28.4MW gross and 26.2MW net. OEC-13 is down for painting.

PGV is planning to run pressure, temperature, and spinner logs in well KS-10 on Thursday, 2/10/94.

CONCERNS: There is always the possibility of H2S leaks occurring when logging procedures are being carried out, since the logging instruments (tools) must be inserted into the well under pressure.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Drawer 5
File 18

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
✓	___ L. Nanbu	___ Call	
___	___ G. Akita	___ Review & Comment	Two copies of same report?
___	___ L. Chang	___ Take Action	
___	___ E. Lau	___ Investigate & Report	
✓	___ A. Monden	___ Draft Reply	
___	___ H. Young	___ Acknowledge Receipt	
___	___ T. Kam	___ Type Draft	
___	___ G. Miyashiro	___ Type Final	
___	___ D. Lee	___ Xerox ____ copies	
___	___ A. Yim	___ File	
___	Janet		
___	Mr Mack		
	DD for Chuck		
___	___ R. LOUI	FOR YOUR:	
___	___ S. Kokubun	___ Approval	
		___ Signature	
		✓ Information	

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 2/4/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

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94 FEB 7 P12:06
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 4, 1994 **LAST REPORT DATE:** 1/31/93

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0710hrs was 26.0MW gross and 24.0MW net with 8 OEC units operating. OEC-11 is down for maintenance and OEC-13 is down for painting.
Condensate/brine loading is still a problem in well KS-10.

CONCERNS: None at this time

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 2/4/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

RECEIVED
94 FEB 4 P12:07
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 4, 1994 **LAST REPORT DATE:** 1/31/93

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0710hrs was 26.0MW gross and 24.0MW net with 8 OEC units operating. OEC-11 is down for maintenance and OEC-13 is down for painting. Condensate/brine loading is still a problem in well KS-10.

CONCERNS: None at this time

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVIS OF WATER AND LAND DEVELOPMEN

FROM: _____ DATE: 1/1 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___			
___	___			
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 1/21/94

RECEIVED 94 JAN 21 AM 11:24 DIV. OF WATER & LAND DEVELOPMENT

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 21, 1994 **LAST REPORT DATE:** 1/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0730hrs was 27.7MW gross and 25.5MW net. OEC-12 is still down for painting, all other units are running.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 1-90 FILE IN: Drawer 5 Folder 19

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___				
___				
			FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			✓ Information	

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 1/18/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

MAHALO!

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

JAN 1 8 1994

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 18, 1994 LAST REPORT DATE: 1/14/93

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8269

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0650hrs was 27.4MW gross and 25.0MW net. OEC-13 is still down for painting. Maintenance work will start today on the emergency diesel generator.

CONCERNS: None at this time

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVI[illegible]N OF WATER AND LAND DEVELOPMENT

FROM: [illegible] DATE: [illegible] FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	Drawer 5 File #19
✓	___	L. Nanbu	✓ Call	
___	[illegible]	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
___	[illegible]	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	[illegible]			
___	[illegible]			
	[illegible]		FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

173

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 1/12/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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94 JAN 14 A10: 2
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 12, 1994 LAST REPORT DATE: 1/11/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, CON)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0830hrs was 28.3MW gross and 25.9MW net. The plant initiated startup procedures yesterday morning with the first OEC unit synchronized to the grid at 1615hrs. At 2305hrs all 9 OEC were on line producing 25.6MW gross and 23.3MW net.

CONCERNS: A loud noise heard by the surrounding residents yesterday afternoon was a brief over-pressure condition in the pentane system that opened one of the pentane safety valves for a four second period. The problem was corrected immediately.

Residents continued to smell H2S until shortly after noon yesterday.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

CONCERNS: The continued lack of concern for effective communication with regulatory agencies and surrounding neighbors, evidenced by PGV is a problem that must solved. This situation furthers the perception by some Island residents that geothermal development is uncontrolled and unregulated.

W

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
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RICK EGGED
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FAX TRANSMITTAL

DATE: 1/13/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 14, 1994 **LAST REPORT DATE:** 1/12/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0650hrs was 27.7MW gross and 25.5MW net with OEC units running. OEC-12 is still down for painting.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

VISION OF WATER AND LAND DEVELO NT

FROM: _____ DATE: 1/12/94 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
Shelo	___	M. TAGOMORI	___ See Me	5
___	___	L. Nanbu	___ Call	Follow
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	Hm	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	M	Janet		
___	M	Wendy		
	SJ.		FOR YOUR:	
		Alan		
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			✓ Informati	

Have

157

W

Post-it™ brand fax transmittal memo 7671	# of pages ▸
To Keith Ahue	From Steven Morris
Co. DLNR	Co. Puna Geothermal
Dept.	Phone # 528-5225
Fax # 587-0390	Fax # 524-9349

January 12, 1994

FOR IMMEDIATE RELEASE

Contact: Steven E. Morris
528-5225

Title: **PUNA GEOTHERMAL VENTURE COMPLETES REPAIRS**

Puna Geothermal Venture announced this afternoon the completion of its reinjection piping repairs and the restart of the 25 megawatt power plant. The power plant had been taken off the HELCO grid on Sunday night for replacement of a five-foot section of pipe leading to the reinjection well. The section of pipe had been patched in November after a pin-hole leak developed, while permanent pipe was fabricated.

# # #

RECEIVED
94 JAN 12 A10:58
DIV. OF WATER & LAND DEVELOPMENT

DI "ION OF WATER AND LAND DEVELOPM

FROM: [illegible] DATE: 1/13/94 FILE IN: File #26

TO:	INIT:		PLEASE:
___	___	M. TAGOMORI	___ See Me
___	___	L. Nanbu	___ Call
✓	[illegible]	G. Akita	___ Review & Comment
___	___	L. Chang	___ Take Action
___	___	E. Lau	___ Investigate & Report
___	___	A. Monden	___ Draft Reply
___	my	H. Young	___ Acknowledge Receipt
___	___	T. Kam	___ Type Draft
___	___	G. Miyashiro	___ Type Final
___	___	D. Lee	___ Xerox ____ copies
___	___	A. Yim	___ File
___	[illegible]	Janet	
___	NM	Nyik	
	[illegible]	[illegible]	

		FOR YOUR:
___	___ R. LOUI	___ Approval
___	___ S. Kokubun	___ Signature
		___ Information

REMARKS:

office will need to [illegible] - N.J. when [illegible] gets back.

plant back on line last night - 1/11/94 4:44 pm - one unit, w/all back on by 11:00pm

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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RECEIVED NATURAL RESOURCES STATE OF HAWAII

DATE: 1/11/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

Wed

DATE: January 11, 1994 LAST REPORT DATE: 1/10/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant was still down at 0730hrs this morning, with startup expected sometime today.

CONCERNS: Leaks of H2S into the community last night resulted from opening of piping to repair a mixing element near well pad "A". Levels reached 5.1ppb at station "O" in Lanipuna Gardens at 1934hrs and wind conditions were such that the release remained in the area. Traces of H2S were still evident by smell this morning at 0730hrs on Hinale Street.

TRIPLE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

CONCERNS: Startup activities today could result in further releases of H2S.

139

JOHN WAIHEE
GOVERNOR
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BARBARA KIM STANTON
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DEPUTY DIRECTOR

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FAX TRANSMITTAL

DATE: 1/10/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 10, 1994 Monday LAST REPORT DATE: 1/7/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: The plant was shut down last night starting at 1900hrs with the final OEC being taken off-line at 2136hrs. This was a planned shutdown (HELCO was notified on Friday) to make a permanent repair of the manifold immediately downstream of the condensate reinjection pumps.

CONCERNS: As condensate was leaking throughout yesterday before the shutdown, residents in the nearby areas were smelling H2S as early as 0600hrs to 0700hrs. There were complaints that were phoned to the Department of Health hot line yesterday between the 0700hrs and midnight. Complaints were phoned in to both Civil Defense and the Police as well, before and after the shutdown started.

TAOS GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

CONCERNS: Although all agencies were supposedly notified by PGV Sunday morning of the pending shutdown and the condensate leaks, the Geothermal Compliance Coordinator was not notified until 2115hrs when there was an alarm on station "A" with a reading of 5.2ppb. DOWALD (DLNR) learned of the shutdown via a newspaper article Monday morning. This situation creates a very bad image for both the geothermal industry and the government when public becomes aware (as they did) that regulatory agencies were not informed of a planned shutdown <u>that was planned with HELCO on Friday 1/7/94.</u>

When PGV's "24hr information line" (934-9072) was checked this morning at 1007hrs, a recording informed the caller that "Activities for the day include: Electrical Generation is continuing". PGV's 24hr complaint line (965-8843--answering service) when queried, "is the plant down?", said "not that I'm aware of". PGV's non-communication with the surrounding community in the recent months show a disturbing lack of concern for being a good neighbor. Unfortunately, this lack of communication with the community <u>and government regulatory agencies</u> exacerbates what should be a routine maintenance problem, inflating it into an "incident" that furthers an irresponsible, derogatory image of geothermal development.

110

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PUNA GEOTHERMAL VENTURE

A Hawaii Partnership

RECEIVED
JAN 10 A8:01
& NATURAL RESOURCES
STATE OF HAWAII

January 9, 1994

FOR IMMEDIATE RELEASE

Contact: Steven E. Morris
Honolulu (808)528-5225
Big Island (808)965-6233

Title: PUNA GEOTHERMAL VENTURE MAINTENANCE SHUTDOWN

Puna Geothermal Venture announced today a scheduled maintenance shutdown of its 25 megawatt facility commencing on Sunday night. The shutdown is required to replace a section of the reinjection piping. The five foot section of pipe had been temporarily repaired while permanent replacement piping was being fabricated.

"We anticipate that repairs will require about two days," stated Steven Morris, Vice-president and general manager of PGV. The shutdown has been coordinated with Hawaii Electric Light Company.

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94 JAN 11 P2:41
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LAND DEVELOPMENT

14-3860 Kapoho Pahoa Road, Pahoa, Hawaii 96778 • (808) 961-2786 • Facsimile (808) 935-5562
Post Office Box 30, Pahoa, Hawaii 96778

DIV N OF WATER AND LAND DEVELOPME

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
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FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

98

WV

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MUFI HANNEMANN
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BARBARA KIM STANTON
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RICK EGGED
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JAN 7 '94 27

FAX TRANSMITTAL

DIVISION OF WATER RESOURCES
STATE OF HAWAII

DATE: 1/7/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 7, 1994 **LAST REPORT DATE:** 1/5/93

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0640hrs was 26.3MW gross and 24.0MW net. OEC-12 is still down for maintenance.

A preliminary test was done yesterday to ascertain if it was possible to remove more brine from well KS-10 by using higher pressures on the reinjection system as well as changes in the piping lineup. The actual procedure will start this morning.

CONCERNS: There were several calls from concerned residents yesterday during the preliminary test mentioned above, asking if PGV was venting, as a loud "roaring" was heard. Unfortunately, there was no information regarding the test on their 24hr information line nor was it given to their complaint answering service. We have suggested on several occasions to PGV that anytime they are planning work that will attract the attention of nearby residents (loud noises, visible steam plumes, water plumes, helicopters, etc.) that information on the planned procedures for the day be placed on their information line (934-9072). PGV has not yet complied with these suggestions that could prevent alarm and concern in the surrounding community when unusual noises are heard or unusual sights are seen.

PUNA GEOTHERMAL ENERGY COMPANY (PGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

60

GOVERNOR
MUFI HANNEMANN
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
RICK EGGED
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94 JAN 5 AM 11:13

FAX TRANSMITTAL

DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

DATE: 1/5/94

TO: MUFI HANNEMANN/TAKESHI YOSHIHARA
JACK LEWIN/BRUCE ANDERSON
~~KEITH AHUE/JACK KEPPLER~~
JOSH AGSALUD, GPO, HARRY KIM, HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: RE: GEOTHERMAL MORNING STATUS REPORT

FAXING DAILY GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 5, 1994 LAST REPORT DATE: 1/4/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

NOTE: Unless there is serious objection from the recipients of this report, it will be issued on Mondays and Fridays only during periods of relatively little regulatory interest. During any incidents, plant shutdowns, or other non-routine operations the reprot will be issued daily.

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Power production this morning at 0810hrs was 27.2MW gross and 24.8MW net. Generation is still limited due to the brine/condensate loading in well KS-10 and the inability to remove that volume of liquids from the steam brine separation system. A six inch brine line from well pad "A" to the plant reinjection mixing area is planned to relieve the problem.
OEC-12 is still down for maintenance.

CONCERNS: None at this time.

TRIS GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Geothermal power may fix Big Island energy crunch

BY ROD THOMPSON
Big Island correspondent

POHOIKI, Hawaii — The Puna Geothermal Venture power plant is operating so efficiently that it's ready to supply the Big Island's power grid with another five megawatts of energy, general manager Lynn White said yesterday.

The Hawaii Electric Light Co. badly needs any additional power it can get by Christmas — but neither company was certain an agreement could be reached by then.

The companies had polite words about each other, but relations have been strained by Puna Geothermal's delay in coming on line.

The announcement of negotiations between the two firms was made at a celebration yesterday marking the second anniversary of power production by Puna Geothermal. The company became fully operational in April 1993.

Helco has been short of power capacity because of delays in installing a new generator in Kona called CT-4.

The shortage isn't critical yet, but could become so, especially at Christmas when electrical demand goes up, the company has said.

Meanwhile, Puna Geothermal has been providing a steady 25 megawatts to the island's current daily 145-megawatt demand.

"The power plant is operating more efficiently than we expected," White said.

The company can offer more power using its existing wells and its existing turbines, he said.

"It's a shame for us to be sitting here with additional capacity and not be able to support the Big Island's needs," he said.

But first the two companies have to agree on Helco's "avoided cost," the money it would have to invest to produce five more megawatts itself instead of buying it from Puna Geothermal.

"Avoided costs are always difficult to calculate," White said.

The companies had polite words about each other yesterday, but relations have been strained by Puna Geothermal's delay in coming on line, well past the date contracted to be ready.

Helco has had its own problems with equipment, specifically a Kona-based CT-2 generator which company president Warren Lee has personally taken back to Sweden to be rebuilt.

Former Puna Geothermal manager Steve Morris took a poke at Helco, saying, "Warren would be here if he weren't out there picking up bolts and nuts for some piece of junk he runs."

While former Hawaii Island Geothermal Alliance director Bill Cook reminded listeners of a pro-geothermal rally attended by 7,000 in 1992, 20 geothermal foes demonstrated outside the facility yesterday.

The protesters claimed Puna Geothermal wants to sell more power because cost overruns during construction mean it's losing money.

Does the company's income cover its debts?

"Oh Lord, yes," answered White. "That is not an issue."

Saturday, June 17, 1995 Star-Bulletin

Geothermal energy

GEOTHERMAL energy has had its startup problems on the Big Island, but Puna Geothermal Venture has just celebrated its second year of power production. Not only is the operation supplying 25 megawatts of the island's daily 145-megawatt requirement, it is functioning so efficiently that it can provide another five megawatts with its existing wells and turbines.

Puna Geothermal is negotiating with Hawaii Electric Light Co. to supply the additional power. Helco has been short of capacity because of delays in installing a new generator in Kona. The shortage isn't critical yet, but could become so, especially at Christmastime, when demand goes up. The companies have to agree on Helco's "avoided cost," the money it would have to invest to produce five more megawatts itself instead of buying it from Puna Geothermal.

The offer of another five megawatts is additional evidence that geothermal is a viable source of energy for the Big Island. Its success has justified the support it has received from the state government and private interests in the face of determined but misguided opposition.

Pac Business News

6-12-95

Big Isle power's a poser

The Big Island's electric utility has 3,000 miles of transmission lines serving a population of 120,000. That's quite a stretch, but such is the nature of that 4,000-square-mile chunk of land surrounded by water. Serving the sparsely populated Island is a challenge to just about all the businesses there.

Yet Hawaii Electric Light Co. has had problems keeping the Island fully powered up for a couple of decades. What's the problem? HELCO says it is stymied by the state Public Utilities Commission's snail-like approach to approving its requests, plus public opposition to where it wants to locate new generating plants. So much for excuses. It buys some of its power from another company that produces geothermal kilowatts, and it could buy the added power it needs from others, which have offered to generate electricity and sell it to HELCO.

Some people can't understand why HELCO doesn't welcome such offers. It's not too complex to understand if you realize that the utility can get a better return on its capital investment in a new plant than it can on being a reseller of someone else's electricity.

Can we change that equation? If General Motors can have 30,000 suppliers of components to it to do the final assembly and the marketing, why not our electric utilities?

Something must be wrong with the way government regulates and/or rewards suppliers of our basic needs.

DOWALD PUBLICATION ROUTE SLIP

M. TAGOMORI

H. Young
S. Yong
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A. Uehara
L. Choo

— Chris
Please ... get the ... article.

West Hawaii Today, Thursday, April 13, 1995

PGV to pay HELCO $5.5 million

By BOBBY COMMAND
West Hawaii Today

Hawaii Electric Light Co. on Tuesday announced it has reached a $5.5 million settlement with Puna Geothermal Venture for PGV's failure to provide power to the utility on time.

The proposal was filed by HELCO with the Public Utilities Commission, which will now review the settlement. It seeks to recover sanctions and damages related to the independent power producer's delay in providing 25 megawatts of power by a contracted date of January 1991.

Of the $5.5 million agreement, HELCO is proposing to allocate $3.1 million to directly benefit Big Island customers and $2.4 million to cover maintenance and legal costs incurred because of PGV's delay in starting up its 25-megawatt geothermal plant.

According to Warren Lee, HELCO president, customers would see their bills lowered due to two settlement provisions.

The settlement first calls for a rate decrease spread over three months to refund $777,000 in cash payments received from PGV. It also requires that PGV provide $2.3 million worth of kilowatt hours of electricity within the next three years at no charge to HELCO customers.

"We are pleased that such a settlement has been reached on behalf of our customers," said Lee.

PGV began producing some electricity in October 1992 after numerous incidents caused work on the Pohoiki plant to be delayed. Some of the delays included a 31-hour well blowout in June 1991, numerous leaks and a number of state Department of Health orders out of concerns for air quality.

The company worked out numerous bugs at the geothermal plant during the next eight months, becoming fully operational by the middle of 1993.

PGV had argued in the past that its contract with HELCO exempted it from responsibility for delays which were beyond the control of the company.

But HELCO says the holdups by PGV were directly responsible for a shortage of reliable power and caused rolling blackouts which plagued the Big Island in 1991 and 1992.

Finance panel adopts geo asset fund

❑ Long-awaited bill would compensate geothermal victims

People who claim they were harmed by geothermal development would finally have a chance to be compensated out of a special county fund under a bill advanced by the County Council Finance Committee yesterday.

The bill would legally establish the Geothermal Asset Fund, which is supposed to hand out compensation to geothermal victims.

The fund was mandated as a condition of the permit issued by the Planning Commission in 1989 that allowed geothermal development to proceed.

It is financed by $250,000 from the state, and $50,000 a year contributed by the geothermal power plant developer, Puna Geothermal Venture. It now totals about $650,000.

The county has been extremely slow to implement the fund, and is still drafting the rules under which awards can be made from it.

No one has received an award from the fund more than five years after the geothermal permit was issued.

Critics of geothermal development say the $650,000 in the fund is nowhere near enough money to handle all the claims that have been filed.

They contend the county should also deposit $130,000 a year from geothermal royalties paid by the developer into the fund.

The council Finance Committee refused to agree to that proposal yesterday, however.

Officials in Mayor Stephen Yamashiro's administration say they plan to use the royalty money to pay to permanently relocate people away from the geothermal power plant.

—By Kevin Dayton

Viewpoint

Oppose HELCO plant

By RICHARD CORMACK
Kailua-Kona

I heard a scary story the other day about the kind of pollution that causes the vog. Sulfur dioxide comes out of the volcano and by the time it gets here, it turns into the stuff that hurts our eyes and throats and causes people in high vog areas to have twice the bronchitis and sinusitis, pneumonia and flu than on the windward side. But we all know about that, and how that will never go away even if the volcano stops if we allow the power plant at Keahole to be expanded by HELCO.

But what I didn't know was how little the sulfur dioxide it takes to mess up the visibility.

Remember those perfectly clear Kona days that we have sometimes? During those clear days, people up mauka can see all the way to Oahu when those Kona winds blow. That's about 180 or so miles.

The state says the most HELCO can pollute for SO2 (a limit called the pollution increment) is 91 micrograms per cubic meter of air over 24 hours average. HELCO plans on polluting "only" about 60 micrograms/cubic meter of air over a day average. This doesn't sound like much, only 60 millionths of a gram of pollution in a box of air over three feet on a side.

But what damage that little smudge of stuff from HELCO does. Especially when you add in the effects of vog to what the HELCO plant puts out.

If you had perfectly clear air and could see 180 miles, and added just one microgram per cubic meter of SO2, your visibility would be down to 117 miles. One more, you're down to 72 miles, one more, 54 miles.

HELCO will add 60 micrograms per cubic meter (on the average) every day near the plant. Because our day/night, sea breeze/mauka breeze climate here in Kona traps and concentrates the vog and everything else that is here (like the pollution from HELCO burning almost a million pounds of diesel every day), we're going to live in permanent vog soup if HELCO gets expand the plant to about three times its present size and polluting capacity.

My son is 5 1/2 years old. He's probably not breathed more than a month of clean air in his life here in Kona. If we let the DOH let HELCO expand the plant, kiss good-bye the hope the volcano will stop and give us clean air. We'll still have that million pounds of diesel burning away, every day.

Kona has a permanent burning ban because of the vog. They even made one Kona resident stop smoking fish because of the pollution it made. And the Department of Health seems ready to rubber stamp the "permit to pollute" so the plant can be expanded. And then, DOH is not even requiring HELCO to put in all the available pollution controls that would limit the pollutants from the plant, like making them burn low sulfur fuels to reduce the SO2 and other pollution control equipment that mainland power plants are regularly required to use. For us to name this state agency that gives out "permits to pollute" the Department of Health is like HELCO acting like the Keahole Power Plant will be an air freshener

There's a large, polluting power plant at Keahole right now. Six diesel generators and a big diesel burning turbine called CT2 that has been putting out more pollution than its permitted limits for five years now. It's so bad, that the State Department of Health is making HELCO get a new permit for it. Remember all the fuss about the "new" information at the hearing on Sept. 12 last year? That was CT2's new permit application which also included an analysis of HELCO's proposed two new 20 MW diesel burning generators CT4 and CT5.

We thought the DOH would first logically go through the formal permit review for the existing CT2 with its pollution problems before turning its attention on the proposed CT4 and 5. But, no, the DOH, after stopping the hearing last year for new CT2 information, now tells us they haven't even thought about permitting CT2. And CT2 goes merrily on, violating its permit, while the DOH puts the cart before the horse and tries to push through the permit to pollute for CT4 and CT5. Why would the DOH proceed with the permitting process for CT4 and 5 (which are future generators) when they haven't permitted the existing CT2?

That's just the tip of the power plant "bad news" iceberg. There are lots of other really seriously wrong things about CT4 and 5 and CT2, as well that will be dealt with in an unruly manner in the hearing like HELCO's old data that's used in describing how the pollution will affect you; HELCO's using a computer model for the power plant that the university scientists say won't work; and, the evening temperature inversion over Keahole that HELCO won't include in the analysis and on and on.

A lot of people who live in the vog have done their homework for this and will be at the hearing on April 10 at 6:30 p.m. at the Kealakehe Elementary cafeteria. I hope a lot more people will come out and say what they feel about the proposition that HELCO build a bigger power plant and we all can live in thicker pollution.

It's all so unnecessary though. Two independent power producers are competing fiercely to put plants in areas that won't create more health problems. Kona has been classified as a "high exposure" vog area by the Centers for Disease Control. The rest of the island is classified as low to intermittent exposure areas. We must all demand that the DOH deny the HELCO permit on the grounds that the state of health of persons in high vog areas is seriously below that of the health of persons living elsewhere in windward areas, and as such, the director of the Department of Health, must deny the permit to HELCO for CT4 and 5. The director has the power to do this when the health and safety of the public is threatened.

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGERT
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 4/7/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: April 7, 1995 **LAST REPORT DATE:** 4/5/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0540hrs was 24.9MW gross and 22.6MW net with 10 OEC units in operation. Maintenance still plans to take OEC-25 down for its annual preventive maintenance sometime this month.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True's drilling rig is expected to be returned to the mainland within the next 2 3 months.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

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Seiji Naya
DIRECTOR
NICK EGGED
DEPUTY DIRECTOR

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: April 5, 1995 **LAST REPORT DATE:** 4/3/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, CON)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0650hrs was 28.8MW gross and 26.5MW net with 9 OEC units in operation. OEC-13 was taken down yesterday for some necessary off-line repairs and is being placed in service this morning.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The County of Hawaii Planning Department will be holding the permit (GRP-2) mandated reviews of Best Available Control Technology (BACT) for air and noise emissions for PGV's wellfield on Wednesday, April 12, 1995 at 2:00 p.m. at the offices of the Department of Health's Clean Air Branch, 919 Ala Moana Blvd., second Floor, room 203. Any agency having something to contribute to the review or a concern that needs to be addressed should attend the meeting. See Conditions Nos. 18 and 22 of Geothermal Resource Permit No. 2 for more information or call James E. Moulds at 961-8288.

WL

Ben Cayetano
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Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: April 3, 1995 **LAST REPORT DATE:** 3/29/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0650hrs was 29.8MW gross and 27.5MW net with 10 OEC units in operation.

Maintenance will remove OEC-25 from service sometime this month for its annual preventive maintenance checks and necessary repairs.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
__	___ M. TAGOMORI	___ See Me	
__	___ S. Kokubun	___ Call	
__	___ E. Lau	✓ Review & Comment	
__	___ A. Monden	___ Take Action	
✓	hy H. Young	___ Investigation & Report	
__	___ S. Yong	___ Draft Reply	
__	___ D. Lee	___ Acknowledge Receipt	
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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 29, 1995 **LAST REPORT DATE:** 3/28/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 29.2MW gross and 27.0MW net with 10 OEC units in operation. Maintenance is working on PGV's highway cleanup program this morning.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: Work is progressing on turning the drilling site over to the state. Environmental tests are being done to insure that the State is not accepting a liability. Material in the sumps will be used with cinders to plant ohia and other native trees.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHE
GOVERNO
JEANNE K. SCHULT
DIRECTO
RICK EGGE
DEPUTY DIRECTO
TAKESHI YOSHIHAR
DEPUTY DIRECTO

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FAX TRANSMITTAL

DATE: 12/30/94

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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GEOTHERMAL MORNING STATUS REPORT

DATE: December 30, 1994 **LAST REPORT DATE:** 12/29/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0650hrs was 27.0MW gross and 25.0MW net with 10 OMC units in operation.

The amount of steam from well KS-10 remains nearly 50% of the total steam usage.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The Planning Commission, last night, approved a draft to send to the County Council for review and will place the final approval of the Geothermal Asset Fund Rules on the agenda for the next Commission meeting in Kona.

DIVISIOI ,F WATER AND LAND DEVELOP. ,NT

FROM: _____ DATE: 3/ _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ S. Kokubun	___ Call	
___	___ E. Lau	___ Review & Comment	
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✓	___ H. Young	___ Investigation & Report	File
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DATE: 3/21/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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RECEIVED 95 MAR 21 A9:38 DEPT OF LAND & NATURAL RESOURCES STATE OF HAWAII

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 21, 1995 **LAST REPORT DATE:** 3/17/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James M. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0705hrs was 29.2MW gross and 26.9MW net with 9 OEC units in operation. Maintenance is doing the annual Preventive Maintenance checks of OEC-15 which is expected to last 4 days.

CONCERNS: An H_2S leak developed early Saturday morning (3/18/95) that was first observed as an alarm on monitoring station "A". After checking both in the plant and outside with the Jerome portable monitor the alarm was attributed to computer malfunction. Continued reports of H_2S smells and further checking uncovered a leak in a TEE where the brine from the KS-10 separator mixes with the condensate from the power plant. The TEE failed due to pitting corrosion, as the pipe wall thickness was essentially unchanged. This changing out of failed pieces of piping is expected to continue until the chemistry of stopping the pitting corrosion is solved.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Draw
File

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGER
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

General Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 3/22/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 22, 1995 **LAST REPORT DATE:** 3/21/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, CCH)

FOR FURTHER INFORMATION: Call James B. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0550hrs was 29.4MW gross and 27.2MW net with 9 OEC units in operation. Maintenance continues work on the annual preventive maintenance of OEC-15.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

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TO:	INIT:	PLEASE:	REMARKS:
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___	___ E. Lau	___ Review & Comment	
___	___ A. Monden	___ Take Action	
___	___ H. Young	___ Investigation & Report	
___	___ S. Yong	___ Draft Reply	
___	___ D. Lee	___ Acknowledge Receipt	
___	___ P. Manthos	___ Type Draft	
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DATE: 3/17/95

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 17, 1995 **LAST REPORT DATE:** 3/17/95

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FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0540hrs was 25.0MW gross and 22.8MW net with 10 OEC units in operation.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Activities: Bill Davis, Managing Director of the County of Hawaii, will be speaking at the Hawaii Island Geothermal Alliance (HIGA) breakfast meeting at the Naniloa Hotel.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 3.20 FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ S. Kokubun	___ Call	
___	___ E. Lau	✓ Review & Comment	
✓	___ A. Monden	___ Take Action	
___	HY H. Young	___ Investigation & Report	
___	___ S. Yong	___ Draft Reply	
___	___ D. Lee	___ Acknowledge Receipt	
___	___ P. Manthos	___ Type Draft	
___	___ A. Yim	___ Type Final	
___	D. Jm	___ Xerox _____ copies	
___	___ Janet	___ File	
___	___ Alvin		

FOR YOUR:

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___ Signature
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Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
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RECEIVED MAR 16 A10:33 DIV OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 3/14/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

RECEIVED 95 MAR 14 A10:51 DEPT OF LAND & NATURAL RESOURCES STATE OF HAWAII

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 14, 1995 **LAST REPORT DATE:** 3/13/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0845hrs was 30.4MW gross and 28.5MW net with 10 OEC units in operation.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Work started this morning to reinstall the down-hole seismometer in the upper portion of the well. Even though the well is not under pressure, installation will be done through a lubricator assembly. The seismometer will be placed somewhere above the water level in the well which is currently between 400 and 500ft in depth. The operation is expected to finish today.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 3/15/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

RECEIVED
95 MAR 15 P3:17
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STATE OF HAWAII

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 15, 1995 **LAST REPORT DATE:** 3/14/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 30.3MW gross and 27.9MW net with 10 OEC units in operation.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

ACTIVITIES: The University of Hawaii team was unable to install the downhole seismometer due to a computer communication problem with the instrument. The project is on hold until this can be solved. The USGS logging truck will, however, be sent back to the mainland and some other means of deploying the instrument will have to be devised.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 3-14 FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ S. Kokubun	___ Call	
___	___ E. Lau	___ Review & Comment	
___	___ A. Monden	___ Take Action	
___	___ H. Young	___ Investigation & Report	
___	___ S. Yong	___ Draft Reply	
___	___ D. Lee	___ Acknowledge Receipt	
___	___ P. Manthos	___ Type Draft	
___	___ Al Yim	___ Type Final	
___	___	___ Xerox _____ copies	
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FAX TRANSMITTAL

DATE: 3/13/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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95 MAR 13 A10:42
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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 13, 1995 **LAST REPORT DATE:** 3/10/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James M. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0750hrs was 29.7MW gross and 27.6MW net with 15 OMC units in operation.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Ben Cayetan
GOVERNOR
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FAX TRANSMITTAL

DATE: 3/6/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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STATE OF HAWAII

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 6, 1995 **LAST REPORT DATE:** 3/3/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0645hrs was 30.6MW gross and 28.1MW net with 10 OEC units in operation.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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95 MAR 8 AM 11:54
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

FAX TRANSMITTAL

DATE: 3/8/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 8, 1995 **LAST REPORT DATE:** 3/6/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0630hrs was 24.5MW gross and 22.2MW net with 10 OEC units in operation. By 0705hrs the power output had been raised to 30.0MW gross and 27.5MW net.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM:_____ DATE:_____ FILE IN:_____

AGRAAN, Zosima		MANTHOS, Peri	
CHANG, Chi Pin		MASUOKA, Roger	
CHOO, Lisa		MENOR, Joseph	
~~CHUNG,~~ Karen		MONDEN, Andrew	
D'ARAUJO, Chris		SWIFT, Janet	
EMILIANO, Manuel		TAGOMORI, Manabu	
FLOREZ, Jonathan		UEHARA, Audrey	
IMADA, Dennis		YIM, Alyson	
KEB, Elaine		YONAMINE, Elsie	
KNAPP, Linda		YONG, Sterling	
KOKUBUN, Sharon		YOUNG, Hiram	
LAU, Edward		YUASA, Eric	
LEE, Dickey		XU, Ying Fan	
LEE, Sherry			

Chris, Please save geo. articles

Star-Bulletin
Friday, February 17, 1995

State: Geothermal won't power Oahu

■ The state backs down from its plan as part of a legal deal

BY MARY ADAMSKI
Star-Bulletin

The state government will end plans to use Big Island geothermal energy to generate electricity for Oahu and Maui, under a court settlement announced yesterday.

Both the state attorney general's office and a coalition of 12 environmental and Hawaiian organizations claimed victory in the settlement of a 1991 lawsuit.

The groups represented by the Sierra Club Legal Defense Fund sued, claiming that the state was promoting the geothermal project without complying with state laws requiring an environmental impact assessment.

The state agreed to stop supporting the project, which was to use interisland cables to deliver 500 megawatts of power. It agreed to disband advisory committees formed to promote the project and stop state monitoring and drilling.

"We were pleased that the Cayetano administration had the guts to finally pull the plug on this terrible project," said attorney Denise Antolini. "A bad idea from the start, the costly state project only got mired deeper in the muck when it failed to comply with environmental laws."

Deputy Attorney General Rick Eichor said: "The state's position has always been that the cable project is not economically feasible under present conditions, and there simply was no cable project that required the sort of costly environmental compliance sought by the plaintiffs. We are pleased the plaintiffs have finally seen the light and agreed that they would only have lost a trial on whether the state has complied with environmental laws."

Eichor said the state agreed to participate in meetings on ways to preserve the ecosystem of the Wao Kele O Puna district on the Big Island. The proposed cable was to cross rain forest land purchased by Campbell Estate in the 1980s for geothermal development.

The Honolulu Advertiser Friday, February 17, 1995

Settlement reached in suit over geothermal power link

Associated Press

A settlement was reached yesterday in a legal dispute over a state plan to use an undersea cable to transmit geothermal electrical power from the Big Island to the other Neighbor Islands and Oahu.

Both sides claimed they were vindicated by the settlement reached five days before the start of a trial on a 1991 lawsuit filed against the state by a coalition of 12 environmental and Hawaiian organizations represented by the Sierra Club Legal Defense Fund.

The suit alleged the state was promoting the project without complying with state law that requires full environmental disclosure.

"From the moment this litigation was brought, the state's position has always been that there simply was no cable project that required the sort of costly environmental compliance sought by the plaintiffs," Deputy Attorney General Rick Eichor said.

"We are pleased that the plaintiffs have finally seen the light, and agree that they would have lost at a trial," Eichor said.

Paul Spaulding III, lead trial counsel for the plaintiffs, saw the settlement in a different light.

"We are pleased the state saw fit to resolve the matter amicably rather than suffer a loss in the courtroom," Spaulding said.

Under the agreement, the state conceded it has no present or proposed plans to revive the project. It also agreed to participate in meetings of an advisory council that will propose strategies for preserving the ecosystem of the Wao Kele O Puna district on the Big Island.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: [illegible] DATE: 3-13 FILE IN:

TO:	INIT:	PLEASE:	REMARKS:
	M. TAGOMORI	See Me	4B
	S. Kokubun	Call	
	E. Lau	Review & Comment	
	A. Monden	Take Action	
✓	H. Young	Investigation & Report	
	S. Yong	Draft Reply	
	D. Lee	Acknowledge Receipt	
	P. Manthos	Type Draft	
	A. Yim	Type Final	
	[illegible]	Xerox _____ copies	
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FAX TRANSMITTAL

DATE: 3/10/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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95 MAR 10 A 9: 10
DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSIO IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 10, 1995 **LAST REPORT DATE:** 3/8/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 30.8MW gross and 28.6MW net with 10 OEC units in operation. Maintenance will be working on one of the brine accumulator level control valves which have been sticking.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 3-6 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	S. Kokubun	___ Call	
___	___	E. Lau	___ Review & Comment	
___	___	A. Monden	___ Take Action	
✓	HM	H. Young	___ Investigation & Report	
___	___	S. Yong	___ Draft Reply	
___	___	D. Lee	___ Acknowledge Receipt	
___	___	P. Manthos	___ Type Draft	
___	___	A. Yim	___ Type Final	
___	JD	JON	___ Xerox _____ copies	
___	JA	JANET Chair	___ File	

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 3/3/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HARDLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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95 MAR 3 A 9: 5
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 3, 1995 **LAST REPORT DATE:** 3/2/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0745hrs was 29.8MW gross and 27.5MW net with 10 OEC units on line. Output is being throttled slightly to meet their permit guideline of 25MW on a daily average.

Maintenance has gone one year without a lost time accident.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGER
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 3/2/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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95 MAR 3 A 7:41
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STATE OF HAWAII

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: March 2, 1995 **LAST REPORT DATE:** 3/1/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0950hrs was 28.5MW gross and 26.3MW net with 5 OEC units in operation. Well KS-10 was brought on line early this morning after the valve repair yesterday. Maintenance will continue working with operations to bring the plant back up to full power.

CONCERNS: Monitoring station "A" (the Southeast station) alarmed at 0200hrs with a 5.0ppb H_2S reading and about 0300hrs with another 5+ppb reading. Initially this was thought to be a computer glitch after checking in the station area showed all zeros. Further checking on Pad "A" revealed a small flange leak that was thought to be the cause. This was secured immediately. Other miscellaneous and spurious leaks occurred when the well, attendant separator system, and three OECs were started this morning, but did not result in monitoring station alarms.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVIS I OF WATER AND LAND DEVEL MENT

FROM: _____ DATE: 3-3 FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
__	___ M. TAGOMORI	___ See Me	
__	___ S. Kokubun	___ Call	
__	___ E. Lau	✓ Review & Comment	
__	___ A. Monden	___ Take Action	
✓	H. Young	___ Investigation & Report	
__	___ S. Yong	___ Draft Reply	
__	___ D. Lee	___ Acknowledge Receipt	
__	___ P. Manthos	___ Type Draft	
__	___ A. Yim	___ Type Final	
__	___	___ Xerox _____ copies	
__	___	___ File	

FOR YOUR:

___ Approval
___ Signature
___ Information

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 3/1/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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95 MAR 2 A 8:55
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STATE OF HAWAII

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: March 1, 1995 **LAST REPORT DATE:** 2/27/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0625hrs was 22.8MW gross and 20.3MW net with 8 OEC units in operation.

Operations has shut in well KS-10 in order to work on a VEE-ball level control valve for the brine accumulator in the separator system on Pad A. This valve has had to have the silica build-up removed every several months. Engineering is working on replacing these valves with a type that will give a longer operating period before silica build-up requires the valve to be taken out of service.

Maintenance also plans to replace the throttle valves on OECs 15 and 21 while they are down today. They are replacing them with an improved type.

CONCERNS: The community will probably experience some H_2S smell this morning as the equipment is being taken out of service. H_2S was very noticeable in the plant this morning.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM:_____ DATE:_____ FILE IN:_____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ S. Kokubun	___ Call	
___	___ E. Lau	✓ Review & Comment	
✓	___ A. Monden	___ Take Action	
___	HY H. Young	___ Investigation & Report	
___	___ S. Yong	___ Draft Reply	
___	___ D. Lee	___ Acknowledge Receipt	
___	___ P. Manthos	___ Type Draft	
___	___ A. Yim	___ Type Final	
___	JT. Jm	___ Xerox _____ copies	
___	Jm Jmet	___ File	
	Amos		

FOR YOUR:

___ Approval
___ Signature
___ Information

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 2/27/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HARDLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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& NATURAL RESOURCES
STATE OF HAWAII

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 27, 1995 **LAST REPORT DATE:** 2/24/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0555hrs was 24.7MW gross and 22.2MW net with 10 OEC units in operation.

The H_2S monitoring stations were calibrated over the weekend.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ S. Kokubun	___ Call	
___	___ E. Lau	✓ Review & Comment	
✓	Amy H. Young	___ Take Action	
___	___ S. Yong	___ Investigation & Report	
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WV

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGER
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 2/24/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 24, 1995 **LAST REPORT DATE:** 2/22/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0740hrs was 30.2MW gross and 28.0MW net with 10 OEC units in operation. OEC-23 was put on line last night after its annual preventive maintenance. The next OEC will be taken off-line for the annual preventive near the middle of March.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: The reports of the mechanical integrity tests of True's well have been completed and are being distributed. True's environmental coordinator, Rene Taylor will be doing an environmental review/site assessment of the drill site looking particularly at the contents of the three sumps and at diesel storage. Brewer environmental will be working on the sampling and analysis. True expects the pH of the sump contents will need to be increased and are developing a plan to do so.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

Draw
Eile #4-8

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 2/22/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 22, 1995 **LAST REPORT DATE:** 2/17/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0715hrs was 29.5MW gross and 27.3MW net with 9 OEC units in operation. Maintenance is working on OEC-23 for its annual preventative maintenance check, checking turbine seals, etc.

The EPA investigators out of Denver, Colorado summed up the preliminary results of their investigation in a closure meeting at PGV late Friday afternoon, 2/17/95. They found no serious areas of non-compliance. They did find several minor areas of non-compliance, which will be noted in their report to Region 9 who requested their investigation. This oral summation report did not include anything that may be found as a result of further reading and analysis of data and other documents, and the laboratory results of samples taken.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
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___	___ E. Lau	✓ Review & Comment	
___	___ A. Monden	___ Take Action	
✓	HY H. Young	___ Investigation & Report	
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Ben Cayetano
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DATE: 2/17/95

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DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 17, 1995 **LAST REPORT DATE:** 2/15/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0700hrs was 30.5MW gross and 28.2MW net with 10 OEC units in operation. Only general maintenance tasks will be performed today.

The EPA investigative team will finish today and will present a closing summary this afternoon before leaving.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Drawer 6
File 4-B

Ben Cayetano
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DATE: 2/15/95.

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 15, 1995 **LAST REPORT DATE:** 2/13/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0630hrs was 29.3MW gross and 27.0MW net with 10 OEC units in operation.

EPA is continuing their investigation of PGV. Tuesday was spent reviewing a history of the wells drilled on the site, the parameters of the UIC permit, and ground water monitoring wells. Monday the group reviewed air monitoring details including visits and inspections of each of the seven monitoring stations. The investigation has not so far uncovered any serious glitches in PGV operations.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

W/L SENT BY:DBEDT HI Island Office; 8089334602→ DLNR / OCEA;# 1

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGERT
DEPUTY DIRECTOR

DEPARTI
ECONOMIC DE

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Ha
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DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 13, 1995 LAST REPORT DATE: 2/10/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0740hrs was 30.2MW gross and 27.5MW net with 10 OEC units in operation.

EPA starts their Multi-media Compliance Investigation this morning at 0900hrs using personnel out of their Denver National Enforcement Investigations Center (NEIC). This will last a minimum of two days.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Activities: Most regulatory agencies will have representatives at NEIC's compliance investigation of PGV.

Ben Cayetano
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DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza
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Honolulu
Tel: (808) 586-2423 Fax: (808) 586-2377

TTAL

DATE: 2/10/9

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 10, 1995 **LAST REPORT DATE:** 2/8/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0750hrs was 30.0MW gross and 27.5MW net with 10 OEC units in operation.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: The water level in the well has fallen to a little over 450ft and is continuing to fall at less than one foot per day.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 7-9 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
__	___	M. TAGOMORI	___ See Me	
__	___	S. Kokubun	___ Call	
__	___	E. Lau	✓ Review & Comment	
__	___	A. Monden	___ Take Action	
✓	___	H. Young	___ Investigation & Report	
__	___	S. Yong	___ Draft Reply	
__	___	D. Lee	___ Acknowledge Receipt	
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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: February 8, 1995 **LAST REPORT DATE:** 2/6/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0710hrs was 30.2MW gross and 28.1MW net with 10 USC units in operation.

Well KS-10 is producing in excess of 200,000lbs/hr of steam and seems to have stabilized at that rate.

Maintenance is working on well cellar cleanup today.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: Civil Defense, Safety, Fire and Planning Departments will be meeting this morning with the EPA entourage accompanying Keith Takata, Western Regional Deputy Director of "Superfund" on a trip that is aimed at investigating Puna Geothermal Venture.

DIVISI I OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 1/3 FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
	M. TAGOMORI	See Me	
	S. Kokubun	Call	
	E. Lau	Review & Comment	
	A. Monden	Take Action	
✓	H. Young	Investigation & Report	
	S. Yong	Draft Reply	
	D. Lee	Acknowledge Receipt	
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Ben Cayetano
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FAX TRANSMITTAL

DATE: 2/1/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 1, 1995 **LAST REPORT DATE:** 1/30/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0645hrs was 28.5MW gross and 26.2MW net with 9 OEC units in operation. OEC-24 is down for planned maintenance today. Operations expects to be able to generate 27.5MW net with 9 units.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

WL

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

Drames
&
File 4-B

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

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DATE: 2/3/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: February 3, 1995 **LAST REPORT DATE:** 2/1/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0640hrs was 24.5MW gross and 22.3MW net with 10 OEC units in operation.

Maintenance will be working on non-condensible gas compressor No. 2 today, but do not expect any noticeable H_2S offsite.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

WL

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 1/25/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: January 25, 1995 **LAST REPORT DATE:** 1/23/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961 8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 30.5MW gross and 28.1MW net with 10 OEC units in operation. Maintenance is working on the West leg pressure control valves of well KS 10.

CONCERNS: There is always the possibility of H_2S leaking during this type of maintenance operation.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Ben Cayetano
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DEPUTY DIRECTOR

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DATE: 1/23/95 Hmu

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
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FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: January 23, 1995 **LAST REPORT DATE:** 1/20/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961 8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0630hrs was 27.7MW gross and 25.4MW net with 10 OEC units in operation.

CONCERNS: There were no in-plant alarms over the weekend and thus no concerns.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: The water level in the well continues to drop but at an ever decreasing rate. The level, which is below 400ft, is expected to eventually drop to sea level which would be approximately 600ft in this well.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

State cuts funds for geo watch

❑ County refuses to fund monitor from royalty payments

By Kevin Dayton
Tribune-Herald

The only state or county employee assigned full-time to monitor geothermal development has lost his job after state funding for his position ran out.

Jim Moulds, who has been geothermal compliance coordinator since May 1992, left his position at the end of last year when funding from the state Department of Health, Department of Land and Natural Resources and Department of Business, Economic Development & Tourism ended.

The state Legislature first funded the $36,000-a-year position after the spectacular, noisy geothermal blowout in June 1991.

Lawmakers and others worried that no one was assigned exclusively to watch to be sure the developer followed the often complex requirements in its county operating permit.

Some state officials had expected the county to use royalty payments from Puna Geothermal Venture power plant in Pohoiki to pay the salary of the compliance coordinator this year, but the county so far has refused to do so.

The county Planning Commission has asked to County Council to try to find money for the position.

Moulds functioned as a liaison between the developer, the state, the county and the community, and monitored community complaints about the controversial power project.

He also helped design a plan to use royalties paid to the county to buy out neighbors most affected by the geothermal power plant.

See COUNTY, Page 12

COUNTY: State cuts fund for geo monitor

From Page 1

He also worked with area residents to design rules for the geothermal asset fund to be used to compensate people who claim they were harmed by geothermal noise or emissions.

That process took years, and Moulds often was criticized by geothermal opponents who believed the county deliberately dragged its feet to delay any claims payments.

Meanwhile, the U.S. Environmental Protection Agency is dispatching about a half-dozen officials to Hawaii early next month for a "fact finding trip" on geothermal issues.

EPA public affairs specialist Lois Grunwald said the trip will allow the EPA to gather more information about community concerns about the project. It is a follow-up to a 1994 visit, she said.

1/29/95

DIVISION OF WATER AND LAND DEVELOPMENT

FROM:_____ DATE:_____ FILE IN:_____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	S. Kokubun	___ Call	
___	___	E. Lau	___ Review & Comment	
___	___	A. Monden	___ Take Action	
___	___	H. Young	___ Investigation & Report	
___	___	S. Yong	___ Draft Reply	
___	___	D. Lee	___ Acknowledge Receipt	
___	___	P. Manthos	___ Type Draft	
___	___	A. Yim	___ Type Final	
___	___		___ Xerox _____ copies	
___	___		___ File	

FOR YOUR:

___ Approval
___ Signature
___ Information

Hawaii Tribune - Herald, Thursday, January 19, 1995

Puna Potpourri

Naomi Rubine

Puna Malama Pono seeks info on geo side effects

If you're experiencing health, noise or odor problems that may be connected to geothermal, Puna Malama Pono is asking for your input.

A Hawaii non-profit organization dedicated to stopping environmental harm, PMP requests that you call 965-0557 to register your experiences. They're interested in establishing a list of incidents to show how often these problems take place in the community.

You may have read last week's front-page story which said the U.S. Environmental Protection Agency will send about six officials to Hawaii early next month for a "fact-finding trip," a follow-up to a 1994 visit.

Puna Malama Pono tells us that, also during February, a professional medical symptoms survey will be done by the University of Texas Medical Branch.

The survey will involve detailed interviews with people having possible geothermal health problems. There will be no cost to participants, and medical treatment is not provided.

But, if you experience odor or noise problems — or if you believe you or your family have had health problems — and you want to be part of the survey...call now. It could be your chance to make a big difference.

ARE THEY RUMORS or is all the rumble about an upcoming Mauna Loa eruption a matter of "fact"?

After Dark in the Park's Tuesday presentation at 7 p.m. will help answer a lot of your questions and, perhaps, fears.

"Mauna Loa — 1984 to Now" features Bob Decker, former scientist-in-charge of the Hawaiian Volcano Observatory, in a slide program/discussion about the 1994 eruption and the current status of the mighty Mauna Loa.

Decker is author of several popular books on geology, including "Volcano Watching" and "Road Guide to Hawaii Volcanoes National Park."

As always, After Dark presentations are free and open to the public. They're sponsored by the park and the Hawaii Natural History Association.

The February schedule has a couple of provoking titles, like (on Valentine's evening, Feb. 14), "The Hawaii — Mars Connection." (Too bad there isn't a Hawaii — Venus Connection, at least for Valentine's Day.)

For more information, call the Division of Interpretation (an interesting name, to be sure), at 967-7184.

VAC REMINDS us of the amazing, unbelievable Sha Sha Rigby, whose first "Moving Sculpture Performance" is tomorrow night at Kilauea Theater. Last chance to see her on stage is next Saturday night. Call 967-8222 now to reserve.

(As of this writing, tickets are still available, but with all the publicity the art center has put out on Higby, please forgive me if they're already sold out.) If you can't make a live performance, there are still several workshops, demos and an exhibit to check out.

According to VAC Director Marilyn Nicholson, she has to be seen to be believed. That's quite an accolade.

HEARD FROM Pat Cabalse regarding several proposed bills related to insurance reform. She seems tireless in her (and others') battle to "get some relief for Hawaii's people." Among those "others" are Rep. Bob Herkes and Sen. Andy Levin, who have submitted nine bills to the House and Senate.

The bills are based on a series of insurance reform workshops that took place from September to December last year. Herkes and Levin joined representatives for the insurance business and labor sectors. Cabalse was the representative for the public.

They met with the insurance commissioner, the Hawaii Insurance Bureau, Inc., the Mortgage Bankers Association, and community groups.

The result: nine bills for your perusal and support. As she points out, "Insurance reform is such an important issue for so many that it needs to be effectively addressed in the 1995 legislative session. Please tell everyone to feel free to call me with any questions." Her number: 968-6378. Or call Herkes at 1-800-468-4644, extension 66530.

AND, YOU CAN call me with your newsy items, announcements, good stories, or what-have-you. Number's 985-8527, or jot it down and mail it to P.O. Box 953, Volcano HI 96785.

Have a great week!

West Hawaii Today, Thursday, January 12, 1995

Geothermal monitoring cut

HILO (AP) — State funding has run out for the only full-time government employee assigned to monitor geothermal development on the Big Island.

Jim Moulds left his post at the end of 1994 after working as geothermal compliance coordinator since May 1992.

The Legislature appropriated money for the $36,000-a-year post in the wake of a geothermal blowout in June 1991.

At the time, lawmakers had been concerned that no one was assigned full-time to make sure Puna Geothermal Venture followed the requirements of its county operating permit.

Some state officials expected Moulds' post to be funded this year with royalty payments from the company's power plant in Pohoiki.

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGER
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 1/20/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: January 20, 1995 **LAST REPORT DATE:** 1/19/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

NOTE: This report will only be prepared on Monday, Wednesday, and Friday due to other duties assigned to the Geothermal Compliance Coordinator as a result of the temporary funding available through March.

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0710hrs was 30.8MW gross and 28.4MW net with 10 OEC units in operation.

Maintenance is working on the dilute and concentrated caustic pumps today.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The County Council, through its Research and Development committee has prepared a bill that will delegate the final decision on payment of Geothermal Asset Fund claims to the Planning Commission. The current draft of Geothermal Asset Fund Rules prepared under the direction of the Planning Commission require the County Council (conforming with the County Charter) to make the final decision regarding payment on a claim after an investigation and hearing by a elected, public Panel and a review by the Planning Commission.

AH

WL

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: January 19, 1995 **LAST REPORT DATE:** 1/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0715hrs was 30.5MW gross and 28.3MW net with 10 OEC units in operation.

Maintenance is working on connecting the new County water supply to the plant as an emergency supply. Water well MW-1 was placed back in service approximately one week ago, but for a significant period of time PGV did not have a working water well. Water well MW-3 remains out of service with the pump stuck in the bottom of the well.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 1/18/95

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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GEOTHERMAL MORNING STATUS REPORT

DATE: January 18, 1995 **LAST REPORT DATE:** 1/17/95

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0740hrs was 30.3MW gross and 28.2 MW net with 10 OEC units in operation.

Maintenance will be working on a program of condenser washing this morning.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: S DATE: 1/20 FILE IN:

TO:	INIT:	PLEASE:	REMARKS:
Aron 1/20	M. TAGOMORI	See Me	
	S. Kokubun	Call	
	E. Lau	Review & Comment	
	A. Monden	Take Action	
✓	H. Young	Investigation & Report	
	S. Yong	Draft Reply	
	D. Lee	Acknowledge Receipt	
	P. Manthos	Type Draft	
	A. Yim	Type Final	
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FOR YOUR:

- Approval
- ✓ Signature
- Information

WV

Ben Cayetano
GOVERNOR
Seiji Naya
DIRECTOR
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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95 JAN 20 P 1:24
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DATE: _____

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX # _____

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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GEOTHERMAL MORNING STATUS REPORT

DATE: January 17, 1995 **LAST REPORT DATE:** 12/30/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8268

NOTE: This report was not produced during the period from December 30th until January 17th due to the lack of funding for the Geothermal Compliance Coordinator. Temporary funding has been obtained until April on a part time basis.

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0740hrs was 30.4MW gross and 27.5MW net with 10 OEC units in operation.

The resource from well KS-10 has continued to improve producing over 200,000lbs/hr of steam.

Maintenance will be working on one of the large control valves near the Emergency Steam Release Facility (ESRF) today.

CONCERNS: Although the piping has been purged, there is always possibility of H_2S leaks when valves are removed in the ESRF system.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GEOTHERMAL MEMOS 1994

/ISION OF WATER AND LAND DEVELO. NT

FROM: _____ DATE: 12-19 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
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___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	Chm	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
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___	AD	Jon		
___	M	Janet		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHE
GOVERNO
JEANNE K. SCHULT
DIRECTO
RICK EGGE
DEPUTY DIRECTO
TAKESHI YOSHIHAR
DEPUTY DIRECTO

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

DATE: 12/29/94

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: December 29, 1994 **LAST REPORT DATE:** 12/27/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James M. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0555hrs was 25.0MW gross and 22.6MW net with 10 OEC units in operation.

Well KS-10 is producing over 200,000lbs/hr of steam or nearly half of PGV steam production. The steam to brine ratio in the resource from this well has continued to improve.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DI ON OF WATER AND LAND DEVELOPME

FROM: [illegible] DATE: 12-23 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
		G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓	[illegible]	H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
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	[illegible]	Janet		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGER
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 12/22/94

TO: SEIJI NAYA, DR. LAWRENCE MIIKE, MIKE WILSON, CHARLES TOGUCHI
DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 22, 1994 **LAST REPORT DATE:** 12/22/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0733hrs was 29.5MW gross and 27.5MW net with 10 OEC units in operation.

Maintenance continues work on installation of the new 2 inch water line from the County supply to the power plant.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DOWALD PUBLICATION ROUTE SLIP

M. TAGOMORI

~~G. AKITA~~	E. LAU	L. CHANG
H. Young	A. Monden	G. Miyashiro
~~T. Kam~~	A. Yim	D. Lee
S. Yong	S. Agraan	D. Imada
C. P. Chang	K. Chung	E. Yuasa
~~T. Nakama~~	M. Emiliano	S. Lee
J. Swift		J. Menor
J. Florez		G. Morimoto
~~M. Tanouye~~		
Y. F. Xu		

West Hawaii Today, Friday, December 23, 1994

HELCO files injunction to keep plant open

By BOBBY COMMAND
West Hawaii Today

Hawaii Electric Light Co. Inc. Thursday filed an injunction seeking to force Hilo Coast Processing Company to continue operating its power generation plant.

The injunction filed with the Bankruptcy Court cites potential threats to public health, welfare and safety should the utility lose the 11.2 percent of its total power capacity that is supplied by HCPC.

HCPC earlier announced its plans to cease power production Sunday. The sugar company recently filed for Chapter 11 bankruptcy protection.

"We've been forced to take this measure because HCPC has refused to honor its contract and withdraw its plans to discontinue operations after Christmas," said HELCO President Warren Lee.

"If HCPC stops producing power, we are in danger of facing rolling blackouts that will result in substantial business losses and disruption to the lives of tens of thousands of Big Islanders. This is a serious threat to the health, safety and welfare of our community," Lee said.

At the time HCPC sought Chapter 11 protection earlier this month, HELCO reportedly offered the sugar company a package to create $10 million in operating cash flow from its power plant over the next five years.

HELCO and HCPC entered into a contract in 1988 that called for the utility to buy power from the sugar company through March 26, 1997.

HELCO said it hopes the court will hear the case today to force HCPC to continue power generation.

Meanwhile, the Public Utilities Commission has accepted testimony and is considering a complaint by an independent power producer against HELCO.

Enserch Corporation told the PUC last week that HELCO has not dealt in good faith while negotiating a contract that would allow the private power producer to sell energy to the public utility.

The Dallas-based company has proposed to build a cogeneration plant at Hamakua Sugar Co.'s old Haina mill. In addition to the power production, the plant would sell byproduct heat and re-

See HELCO
Page 6A

...HELCO subject of complaint

From Page 1A

frigeration to various industries in the area.

Under federal laws, HELCO is required to deal with independent power companies that can produce energy without using oil or create useful byproducts through its generation.

According to Doug Carlson, public relations representative for Enserch, a decision by the PUC could take months to be issued. He said he did not know if the proposed shutdown of the HCPC. generator would expedite a PUC decision.

HELCO, which claims its proposed power plant at Keahole can be built quicker and cheaper than Enserch's plant, is mired in litigation over the Keahole expansion.

On another front, officials from HELCO and the state Board of Land and Natural Resources, as well as opponents of the Keahole expansion proposal, met with Third Circuit Court Judge Ronald Ibarra Monday over pending litigation.

A pair of farmers who would be neighbors of the HELCO expansion are awaiting a contested-case hearing which was originally nixed by the BLNR when it failed to take action on HELCO's application for a Conservation District Use Permit.

However, the contested-case hearing would be based on an environmental impact statement which was deemed incomplete by Keith Ahue, former chair of the Department of Land and Natural Resources. The EIS, Ahue wrote earlier this year, was accepted for the sake of discussion during the contested-case hearing.

The EIS has been challenged by a number of parties, and should the lawsuit be successful, it might have an effect on the contested-case hearing.

DOWALD PUBLICATION ROUTE SLIP

~~M. TAGOMORI~~

G. AKITA
H. Young
~~T. Kam~~
S. Yong
C. P. Chang
~~T. Nakama~~
J. Swift
J. Florez
~~M. Tanouye~~
Y. F. Xu

E. LAU
A. Monden
A. Yim
S. Agraan
K. Chung
M. Emiliano

~~L. CHANG~~
~~G. Miyashiro~~
D. Lee
D. Imada
E. Yuasa
S. Lee
J. Menor
~~G. Morimoto~~

Chris D please save HELCO/gas articles

Star-Bulletin Friday, December 23, 1994

Helco sues to bar Hilo Coast halt

HILO — The Hawaii Electric Light Co. has filed for an injunction in federal Bankruptcy Court, seeking to halt the Hilo Coast Processing Co. from ceasing power production on midnight Dec. 25. Helco said it hopes the matter would be heard in court today.

James Andrasick

The now-closed sugar company has a contract to produce about 11 per cent of the Big Island's power needs, Helco said.

In an earlier statement, Hilo Coast said it is losing money under the contract.

"The problem is a 1971 contract which pays us far less that any of the Hawaii Electric Light Company's other power sources on the Big Island," said Hilo Coast president James Andrasick.

Hilo Coast filed for Chapter 11 bankruptcy on Dec. 12, saying the action would give the company 90 days to develop a financial reorganization plan.

Helco president Warren Lee said the closure of the Hilo Coast power plant would bring the danger of rolling blackouts affecting 58,000 homes and businesses.

"We offered them a package that would result in $10 million in operating cash flow from the power plant operations over the next five years," Lee said.

Hilo Coast had expected to sell the power plant to Helco, saying it's worth at least $18 million.

Hilo Coast is a cooperative, half owned by C. Brewer & Co. and half owned by independent cane growers. Brewer says it has already investe million more in Hilo Coast than it intended c the phaseout of sugar production, and invest more because of restrictions by the ny's lenders.

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94 DEC 29 A8:57
DIV. OF WATER & LAND DEVELOPMENT

Friday, December 23, 1994 The Honolulu Advertiser

Hilo Coast power a must, says HELCO

HILO, Hawaii — Hawaii Electric Light Co. asked the federal bankruptcy court yesterday to require Hilo Coast Processing Co. to continue operating its power generation plant.

"If HCPC stops producing power, we are in danger of facing rolling blackouts that will result in substantial business losses and disruption of the lives of tens of thousands of Big Islanders," CO president Warren said. "This is a serious at to the health, safety welfare of our mmunity."

ilo Coast officials were available for comment ursday night.

Hilo Coast, which supplies 2 percent of the Big land's electricity needs, led for Chapter 11 otection in bankruptcy ourt Dec. 12. The filing came ter Hilo Coast and HELCO failed to reach agreement on the sale of the power plant and the electricity it produces.

year 1994

State takes a step to help the Ala Wai

■ Much will have to be done to clean up the canal, but the test is a start

BY GREG AMBROSE
Star-Bulletin

The state shares a vision with many island residents of a clean Ala Wai Canal, filled with clear water and lined with restaurants and shops.

That vision is a reality in San Antonio and is decades from coming to life in Hawaii. But the state is taking the first small step by drilling to test whether underground saltwater can be used to get the brackish Ala Wai water circulating.

If the tests succeed, the plan is to pump up to 20 million gallons of saltwater a day into the Kapahulu end of the canal to reduce the amount of time water sits in the Ala Wai. It wouldn't really flush out the canal; water movement would be imperceptible but enough to get rid of the stagnant water that allows algae to grow so profusely and turns the canal water into a murky mess.

While the pumping plan appears possible, the real problem is money. The state would have to ask the Legislature for $3 million to $4 million for up to five quiet, underground pump houses along Kapahulu Avenue and for pipes connecting them to the Ala Wai Canal.

And that is just the start. "With increased clarity, you will see the bottom. You may have to do some bottom maintenance if you don't want to see millions of cans and bottles and shopping carts," said project consultant Ed Noda.

"Somebody may say, 'Gee, it wasn't so bad when we couldn't see the bottom.' "

People forget that the canal was constructed to keep streams in Manoa and Palolo valleys from depositing their sediment in Waikiki, a job it still does well, said Manabu Tagomori of the state Department of Land and Natural Resources.

SEE ALA WAI, PAGE A-8

ALA WAI: Drilling may be the start of a rejuvenated canal

FROM PAGE A-1

Over the years, the canal has become a prime recreation area. This week's first Royal Hawaiian Rowing Challenge will be held in its waters.

When the canal was dredged in the late '70s, it attracted more recreational users, and the pressure has been on to continue dredging all the muck and sediment that flow downstream after every rainstorm in the valleys.

Man has added layers of shopping carts, cans, bottles, large appliances and even autos. Canoe clubs and other users seeking improvements were joined by a vocal group that persuaded the Legislature to fund a task force to explore changing the canal's murky water into blue water.

As chief engineer of the division for water and land development, Tagomori sees what it will take to make and keep the canal clean. "You could flush the canal every day and not make a difference if you don't take a long-range view of the sediment and man-induced material," he said.

The task force has looked at the watershed and valleys to try and halt the sediment and rubbish at the source before it enters the canal, possibly with more traps.

"The next phase will be asking for money for dredging," said Tagomori, who would have to seek $5 million to $7 million from the Legislature to dredge up 17 years of muck and junk from the canal's bottom. And it would need to be dredged every 10 to 15 years as more gunk accumulates.

"You can flush it but it won't matter if you don't dredge it," Tagomori said. "Words are cheap . . . who is going to foot the bill?"

It all starts with a first step, to gather information to decide whether 20 million gallons of saltwater can be pumped from under Waikiki without causing structural damage to surrounding buildings.

The test drilling has found a layer of brackish water that extends down to 65 feet, where it is isolated by the impervious 60-foot-deep Honolulu lava flow, said consultant Tom Nance of Water Resources.

Beneath the lava at about 150 feet is saltwater extending to the limit of the well, 250 feet. Next week the consultants will pump up to 1,000 gallons per minute to determine whether a large volume of water can be pumped without taking water from the layer above the lava and possibly causing the ground to subside.

The deep saltwater also will be tested for toxicity to ensure that it won't harm canal creatures. If the plan is implemented, the ocean would replenish the saltwater pumped out each day.

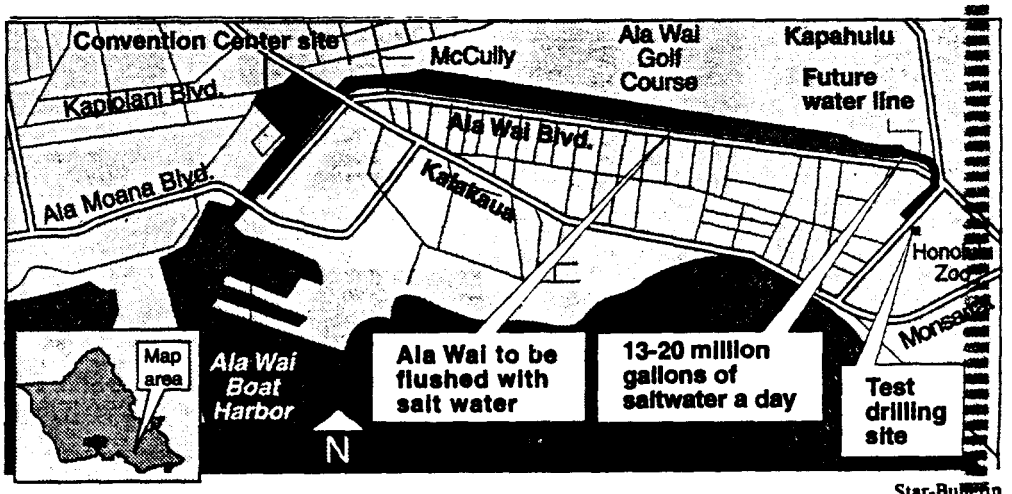
That's a big if. "In this day of tight money, although the idea is good, most likely it will be deferred," Tagomori said. "But if the economy picks up, we would like to make it a priority project. It's the Legislature's decision, and the governor's."

The new convention center might help sway them. The state can't very well invite people from all over the world to hold their conventions beside a murky, muck-filled canal. "I have confidence that since the convention center has been settled, the Ala Wai will be cleaned," said Robyn Joll, Royal Hawaiian Rowing Challenge president.

"We could train for the 2000 Olympics here in Hawaii, to get the rowers acclimatized for Australia. If the canal were improved, think of the tourism dollars, the quality of people you would attract here."

Tagomori agrees. ". . . Keyed into the visitor industry, we can get an additional funding source for the canal.

"The main purpose of the canal is drainage, the next purpose, recreation, and then aesthetic value for beauty and the visitor industry. These many values maximize the possible benefits, and help us justify the public dollars."



Star-Bulletin

Sewer:

City's $63.9 million project has priority, but still years away

By ELOISE AGUIAR
News Editor

KAILUA — The city is planning to build a $63.9 million relief sewer system from Keolu Drive to the Kailua Wastewater Treatment Plant, but the project is years away from completion, a city official said last week.

The project is in the preliminary stages of planning and is crucial to the department, said Dan Markus, city Department of Wastewater Management spokesman.

"It's very important and has a high priority within the wastewater system," Markus said.

According to the plan, which is included in a draft environmental impact assessment produced by an engineering company, the city will:

- Replace approximately 3,200 feet of sewer lines from Akumu Street to the Kailua Heights Wastewater Pump Station, located at the intersection of Wanaao Road and Auwina Street.
- Rehabilitate sewer lines along Kalaheo Avenue.
- Install 18,400 feet of sewer relief line and 900 feet of sewer force main along Kainalu Drive from the pump station to the treatment plant located next to Aikahi Community Park.
- Modify the pump station.

The engineer's report is 60 percent complete and should be finished by March. At that time, design work that could take up to a year will begin, Markus said.

The project is slated for two phases, with the first part affecting downstream from Enchanted Lake.

"The primary interest is to better handle storm flows," he said. "With (new) larger lines downstream we're hoping to protect the Enchanted Lake area from bypasses."

The report calls for the project to also benefit future development, but Markus said development would be minimal.

The second phase of the project is contingent on a study that will eval-

See SEWER on A-11

December 22-28, 1994 Windward Sun Press A-11

Sewer to be built in two phases

SEWER from A-1

uate storm water storage capabilities at Kailua, Kaneohe and Kahaluu wastewater treatment plants, he said. The treatment process at Kaneohe and Kahaluu will be phased out.

"We need to determine the retention and whether we need to add retention (capabilities) to handle storm water," Markus said.

According to the report, the city made visual and video camera inspections of the lines from Akumu Street and Keolu Drive to the pump station in 1992. It found 74 percent of the system, 2,150 feet of 2,914 feet, is "badly deteriorated by hydrogen sulfide." The inspector recommended the sections be lined or replaced.

"Leaking joints and service connections were evident in most sections," the report said. "Sags appeared in 35 percent of the pipeline."

A similar inspection from the pump station to the treatment plant revealed that more than 90 percent of the sewer line — 14,424 feet of 15,900 feet — is "badly deteriorated." The city will have to replace or line the affected section.

> *"The primary interest is to better handle storm flows. With (new) larger lines downstream we're hoping to protect the Enchanted Lake area from bypasses."*
>
> — Dan Markus, city Department of Wastewater Management

West Hawaii Today, Wednesday, December 14, 1994

Island faces rolling blackout risk Monday

By JASON ARMSTRONG
West Hawaii Today

HILO — Dreaded islandwide blackouts may return Monday when Hawaii Electric Light Co. tries to overcome an unexpected 12 percent reduction in supply and operate with minimum power reserves, a company spokesman said.

HELCO expects to lose 18 megawatts of generation capacity — enough to power 18,000 homes — midnight Sunday when bankrupt Hilo Coast Processing Co. is forced to close its Pepeekeo plant.

HELCO is under contract to receive power from the private producer through March 1997, and now must re-evaluate its planned maintenance schedule in hopes of offsetting the loss, said Bill Stormont, utility spokesman.

"The net impact of the closure of that plant is putting us in a very thin margin mode," he said.

The anticipated islandwide peak demand for Monday night is 158 megawatts, which will leave a generating surplus of just 2.7 megawatts. Tuesday, the day when demand typically is the greatest, the surplus capacity is projected to dip to 2.3 megawatts, Stormont added.

A usage increase of more than 2 percent over the expected peak demand, or a malfunction at one of HELCO's plants, will force islandwide blackouts that will last about 45 minutes in any given area, Stormont said.

Numerous blackouts in 1991 and 1992 reportedly cost consumers millions in damages and lost productivity time.

HELCO expected to return to service late Tuesday three of its small plants that generate a combined 7.5 megawatts, he said. Repairs expected to be completed next week on a steam generator capable of producing 7.2 megawatts have been stepped up to compensate for the lost Pepeekeo plant, Stormont said.

The September closure of Hamakua Sugar Co. Inc. resulted in HELCO losing 10 megawatts of electricity that the bankrupt plantation formerly produced at its Haina mill.

Compounding reductions from its private electricity suppliers is the timing of the Pepeekeo closure, which could not have been worse, Stormont said.

"Our peak demand is almost always in December," he said. Longer nights, colder

See BLACKOUTS
Page 4A

From Page 1A

and wetter weather along with increased demand resulting from holiday lighting and longer business hours make December the peak usage month, he added.

Stormont said the current power situation, however, has not made HELCO any less reluctant to negotiate a purchase agreement with Enserch Development Corp., which wants to build a 58-megawatt power plant at the old Haina mill.

The private producer's inability to meet the immediate generation need is the main reason HELCO does not consider it a factor in the impending electricity crisis, he added.

"There is no contingency available," Stormont said.

HELCO's main goal remains enlarging its Keahole facility from 30 to 88 megawatts, he said.

"We have no alternative but to proceed with that," Stormont said.

HELCO is capable of generating an additional 20 megawatts of electricity at Keahole by next August, he said.

That would only be slightly sooner than the date Enserch said it can have its planned cogeneration facility operational.

"If we were to get approval today, we could be in production of our first combustion turbine, 20 megawatts worth, by April 1996," said Bill McCowatt, company spokesman. "We'd be in full production, all 58 megawatts worth, in November 1996, assuming things go smoothly and HELCO is cooperative."

McCowatt added that the closure of HCPC's facility will increase the need for Enserch's proposed project.

Puna Geothermal Venture, which now supplies HELCO with 25 megawatts of electricity, is capable of producing an additional 15 megawatts, said Lynn White, PGV vice president.

"We certainly have the resource to go beyond that," White said.

PGV executives have been meeting with HELCO to discuss plant expansion and a new contract calling for increased generation, although no agreement has been reached, he said.

HELCO may sue to keep HCPC power plant open

HILO (AP) — The Big Island's electric utility may seek legal action to force Hilo Coast Processing Company to continue operating its power plant.

HELCO President Warren Lee said the company is looking at legal means to require that the power plant remain in operation until the bankruptcy court can examine the issue more closely.

Hilo Coast announced Monday that it was filing for Chapter 11 bankruptcy protection and would close its power plant.

Lee said HELCO offered the sugar processing cooperative everything it said it needed to operate the power plant profitably.

HELCO's proposals included increased payments for power and an advance of up to $2 million to allow Hilo Coast to buy needed fuel for the plant, he said.

HELCO has been buying electric power from the Hilo Coast plant for 22 years.

Water board to spend millions on filters for treatment plants

By BRIAN PERRY
Staff Writer

WAILUKU — The Board of Water Supply committed Tuesday to buying multimillion-dollar microfiltration filters to separate clean water from dirt and other impurities at the Kamole Weir and Lahaina water treatment plants.

The equipment — called Memcor microfiltration units — is expected to cost a little more than $4 million for the Kamole plant and an estimated $1.8 million for the Lahaina facility.

The system will be able to purify as much as 7 million gallons of water per day at the Kamole plant, which treats water for residents of Haiku, Makawao and Pukalani. The Lahaina plant, which has not been built yet, will use the sophisticated water treatment system to purify as much as 2 million gallons of water per day.

The new filtration systems will bring Maui County into compliance with federal regulations governing the treatment of surface water sources, Department of Water Supply Director David Craddick said. Now, the county is not in compliance with the Safe Drinking Water Act, primarily because water in its surface water systems is too turbid at times.

The water department is under a compliance schedule with the state Department of Health to meet federal standards by 1998. Craddick said water officials are working toward beating that deadline.

The microfiltration system works by forcing water through a network of hair-thin fibers that trap microscopic bits of sediment. Memcor microfiltration employs a patented system of using air to blast away sediment that clogs the filter, Craddick said.

The air blast feature eliminates the wasteful practice of using clean water to backwash and clear conventional sand filter systems, he said.

Also, he said, the new filtration system won't need costly polymer chemicals that coagulate dirt and assist in the water purification process.

The water director said it would cost $3 million to $4 million to upgrade the Kamole plant using conventional filtration systems.

Craddick said the microfiltration system will make water 10 times cleaner than the standard required now by the federal government.

Board members also approved spending nearly $213,000 in additional consultant fees to upgrade the Kamole plant with microfiltration equipment.

The board amended a contract with M&E Pacific Inc., bringing its total fee to $618,008. The consultant had been hired in October 1993 to design a conventional water treatment plant at Kamole with a sedimentation filtration system.

The original contract amount with M&E was $405,030. Of the original contract amount, $176,722 was unspent. And that amount will go toward the $389,700 cost of designing a microfiltration plant.

The consultant will design feed pumps, a prefabricated building and Memcor control and monitoring equipment. M&E also will manage the project and make arrangements for necessary permits.

According to a design schedule for the consultant, the bid for the Kamole plant upgrade will go out in October 1995. The estimated construction cost is nearly $6.8 million.

County lawmakers defer on sewer fee hike

By JASON ARMSTRONG
West Hawaii Today

HILO — Local lawmakers Tuesday deferred action on separate proposals that seek a $4 monthly increase in county sewer rates and a ballot question that would allow non-partisan county elections.

The bill aimed at raising existing $18 per-month sewer fees was deferred by the Committee on Finance at the request of South Kona Councilman Keola Childs, author of the proposal.

The move was made to accommodate Mayor Stephen Yamashiro, who has asked for more time so the administration can develop a variable-rate proposal based on actual use that would prove to be fairer to small families, Childs said.

Hilo Councilman Brian De Lima said he is "very concerned" about the proposed increases. De Lima earlier this year led council opposition that was able to kill the administration's proposed increase, which Childs later used as a template for his bill.

Harold Sugiyama, county Wastewater Division head, said he is awaiting data being tabulated by the Department of Water Supply that will identify customer water use according to district.

The usage reports are needed to select variable residential and commercial sewer rates that will be based on water consumption, he said.

The council committee also postponed action on a proposed charter amendment that would allow voters to decide if the county should have non-partisan elections for the offices of mayor, prosecuting attorney and the nine council seats.

Committee members voted to hold public hearings in Kailua-Kona and Hilo before acting on the proposal submitted by former Councilwoman Helene Hale.

Committee Chairman Jim Rath of North Kona said he is opposed to non-partisan elections. Political parties allow people to become involved in politics at the precinct level and then remain active throughout the year, he said.

Rath added that implementing non-partisan elections would result in only the wealthiest candidates, those who cater to special interests, having a chance of poli cal victory.

Childs argued in support of non-partis elections, which he called "a healthy ev lution of county politics."

Council Chairman Elroy Osorio said given the chance, he would have cast t deciding ballot supporting the propos charter amendment.

However, Osorio added that he we comes islandwide public input before takes a position on the issue because "it such an important matter."

Proposed charter amendments requi support from at least six of the nine cou cil members before they may be broug before voters in the subsequent gener election.

A hike in sewer fees on County Council agenda

☐ But mayor asks for delay of any action until he makes his own recommendation

Big Island sewer fees will be up for debate by the County Council Finance Committee tomorrow, but the committee isn't expected to vote on any proposal to increase the fees just yet.

Kona Councilman Keola Childs has introduced a measure to increase basic sewer fees for single family homes from $18 to $22 on July 1, with additional step increases to follow in later years.

But Childs said Mayor Stephen Yamashiro has asked him to defer the matter until next month.

Yamashiro proposed a similar increase in sewer fees earlier this year, but the council chose to boost sewer fees on businesses only. Yamashiro then vetoed the measure.

Childs said he introduced a new version of the sewer fee increase because federal regulations require that the system raise more money and become self-sufficient.

County Chief Engineer Donna Fay Kiyosaki then asked Childs to defer the matter until January while Yamashiro's administration designs a new sewer fee proposal, Childs said.

The Finance Committee meets at 9 a.m. tomorrow in the County Councilroom in Hilo.

—Hawaii Tribune - Herald, Monday, December 19, 1994

The Honolulu Advertiser Friday, December 23, 1994 A13

A test-hole sea flush proposed for Ala Wai

Associated Press

A state task force has identified how to clean up the water of the Ala Wai Canal and keep it clean.

But whether Ala Wai's water will clear up or remain brown depends on the Legislature and governor allocating $8 million to $12 million in a tight fiscal year.

The stagnant water in the canal allows for algae to grow and turn the clear water a dark brown.

A test hole will be drilled to see if underground saltwater can be pumped into the canal to stir up the water enough to discourage the algae growth.

If the test is successful, setting up a permanent system to pump 20 million gallons of saltwater a day into the Kapahulu end of the canal could cost $3 million to $4 million.

"With increased clarity, you will see the bottom," project consultant Ed Noda said of the downside of the project. "You may have to do some bottom maintenance if you don't want to see millions of cans and bottles and shopping carts.

"Somebody may say, 'Gee, it wasn't so bad when we couldn't see the bottom.' "

Dredging 17 years worth of garbage and sediment from the bottom of the canal in Waikiki would cost $5 million to $7 million, said Manabu Tagomori of the state Department of Land and Natural Resources.

With recreational uses for the canal increasing, such as the Royal Hawaiian Rowing Challenge this week, the public has pressured the state to dredge the bottom and clean its waters.

The attention attracted to the new convention center near the canal could entice the Legislature and governor to release the funds, Tagomori said.

"In this day of tight money, although the idea is good, most likely it will be deferred," he said. "But if the economy picks up, we would like to make it a priority project."

Wednesday, December 21, 1994 Star-Bulletin

Regulators approve ranch's use of Kalihi Stream water

BY GARY T. KUBOTA
Maui correspondent

WAILUKU — The state water resource regulatory branch has determined that Molokai Ranch did not violate state laws when it replaced water pipes and repaired a dam at Kalihi Stream on Molokai.

But some Molokai residents say the state is failing to protect stream life by allowing the ranch to continue diverting water from an east Molokai stream.

Ed Sakoda, the branch chief, said companies are allowed to take as much water as they did before the state water commission was established in 1987. The commission has yet to establish permanent rules to determine minimum flows of streams throughout the state.

Molokai resident Walter Ritte criticized Sakoda's findings and the state's interim rules. He said he thought water rules were to protect stream life. He said under current rules, a company such as Molokai Ranch could take all the stream water, if it had been doing so previously.

Ritte said when he visited the stream about two weeks ago, he saw virtually all the water running into the ranch pipe and a dry stream below the diversion. "The diversion they built now is set up in a way that during drier seasons, anything below is going to be dry," Ritte said. "They should not be allowed to kill the river."

Danton Wong, an attorney representing Molokai Ranch, said the ranch is trying to do what is fair and not trying to take more than it did before.

Meanwhile, officials are still trying to determine if the ranch violated state conservation rules. Don Horiuchi, acting administrator of the state Office of Conservation and Environmental Affairs, said the ranch signed an agreement with the state in 1951 that allowed it to divert water from the stream.

Michael Lee, assistant chief of the U.S. Army Corps of Engineers, said although a Corps permit is required for work in streams, the Corps does not plan to investigate.

County moving on Wahikuli pump station plans

By BRIAN PERRY
Staff Writer

LAHAINA — Maui County is moving ahead with plans to build a new sewage pump station at Wahikuli Terrace Park although the proposal raised a stink earlier this year.

Construction Development of Kahului submitted the apparent low bid of nearly $5.4 million. Other bidders were Hawaiian Dredging at $5.7 million and Kiewit Pacific at nearly $6.4 million.

County officials are in the process of finalizing the work contract, which must be signed before money set aside for the project lapses Dec. 31.

Project plans call for building a new sewage pump station on about 10,000 square feet of the 2.25-acre Wahikuli Terrace Park. Neighbors opposed the pump station site during public hearings in May and July. There were concerns about odors and about the pump station's encroachment into a park used for Little League baseball practice.

The Department of Public Works and Waste Management plans to make improvements to the park, including an all-purpose basketball/volleyball court, new playground equipment and a resoddedfield with a sprinkler system.

Also, the pump station will be outfitted with an odor control system that is intended to remove smells, caused by hydrogen sulfide gas, through a chemical process.

The new pump station will replace Lahaina Pump Station No. 3, which is on the ocean side of Honoapiilani Highway midway between the Chart House and the Lahaina Civic Center.

Project engineer Dave Taylor said the existing pump station needs to be replaced because the nearly 20-year-old facility has significant safety and maintenance drawbacks, and is located in an area exposed to heavy surf and tsunami inundation. Also, the existing station cannot be expanded to the 7.5-million-gallon-per-day capacity necessary to handle future sewage needs in Lahaina, he said.

In July, members of the Maui County Council asked administration officials to reconsider plans to build at the Wahikuli site.

Parks Committee Chairman Dennis Y. Nakamura informed Mayor Linda Crockett Lingle of the council's opposition to the site. He cited park encroachment and odors as reasons for finding an alternative site.

This morning, Nakamura said he was "very disappointed" with the administration's decision to move ahead with the pump station at Wahikuli.

He said there was a significant amount of community opposition to the project. During one meeting at the Lahaina Civic Center, approximately 60 residents expressed unanimous opposition.

Nakamura said he hoped the county could simply expand the capacity of the existing pump station.

In a memorandum on the project, however, Public Works Director George Kaya said the existing site is a poor choice because of its location on the shoreline. "Rebuilding the station at the present site is not a viable long-term solution and will only delay the inevitable relocation of the facility," he said.

Kaya said at least two other sites were considered. One located across the highway from the existing pump station did not have enough space. Construction costs for a site located near the state's Village of Leiali'i project were estimated to be $1 million to $2 million more than the Wahikuli site, he said.

Tuesday, December 20, 1994 Star-Bulletin

Waiahole Ditch pact

WHEN Oahu Sugar Co. ended sugar cultivation on the Ewa plain, the need for continued transport of water from Windward Oahu to the Leeward side via the Waiahole Ditch was promptly challenged. There are plans for diversified agriculture on the former sugar lands, but those crops consume much less water than sugar cane. Moreover, much of the Waiahole water currently is being dumped into gulches unused because sugar production has ended. Windward farmers called for retention of the water on their side of the Koolaus, to restore conditions that existed before the construction of the aqueduct nearly 80 years ago.

The issue is still unresolved, but the state Commission on Water Resource Management has taken a major step toward resolution by approving an interim agreement under which 16 million gallons of the average 27 million gallons tapped by the Waiahole Ditch daily will be restored to Windward streams. The compromise makes it likely that a similar arrangement will be made permanent.

This seems sensible. The state's policy of promoting diversified agriculture should apply to both sides of the Koolaus. Windward areas that have been neglected because of the diversion of water to sustain thirsty sugar cane crops in Leeward Oahu can now become more productive. Yet efforts to establish diversified agriculture on 5,800 acres of the former sugar lands can still make use of Waiahole Ditch water.

As Oahu's population grows, residential water needs will also increase, especially in the fast-growing Kapolei area. But there are other ways to supplement the supply from the Pearl Harbor aquifer, such as treatment of wastewater to make it suitable for agricultural and golf course use, and in the future perhaps desalination. With sugar gone, Windward as well as Leeward farmers should get a share of the Waiahole water, and now they will.

Hawaii Tribune - Herald, Sunday, December 18, 1994

Dark holidays, blackout threats

Imagine, you have been promised to receive a sum of money but now are told the money is not coming. It will be a gloomy Christmas, for sure.

This is exactly how 300 former Hilo Coast Processing Co. employees are feeling these days. They are owed $3.9 million in severance pay. But now the severance pay is in limbo as a result of HCPC's filing for bankruptcy last week.

Imagine, a turkey is being roasted in your electric oven and guests are expected to show up in less than one hour for a party, your home and your neighborhood turn dark all of a sudden. Imagine the panic you would have.

But this is another realistic scenario that could happen frequently on the Big Island this week had HCPC carried out its plan to shut down its power plant, starting today. Fortunately, but temporarily, HCPC decided to give the Big Island a one-week reprieve by suspending its shutdown plan until Christmas Day.

HCPC's filing for bankruptcy and plan to shut down the power plant at Pepeekeo couldn't have come at a worse time. We are in the final two weeks of the holiday season when the need of cash for shopping is the greatest and when the demand of electric power is at its highest level. While the traditional holiday spirit emphasizes helping the less fortunate, HCPC's behavior could be seen only as fodder for a modern-day Scrooge.

It is understandable why HCPC, a C. Brewer & Co. subsidiary, has an urgency to sell its power plant to Hawaiian Electric Light Co. It wants to raise needed money to pay off the remaining 70 percent of the severance pay. Since little progress has been made in months of negotiations between the two companies, a shutdown during the holidays may be the best strategy needed to nudge the power company toward a deal.

During this week's reprieve, we hope HCPC and Helco executives will try their hardest to work out an agreement on the severance payment for former HCPC employees and on the fate of the power plant. Too many people's welfare and livelihood will be affected by the outcome of their negotiations.

Viewpoint

Get rid of the PUC

By BARRY NORTHI
Hawaiian Ocean View Estates

HELCO has caught a lot of flack lately, most of it well deserved. The list of problems plaguing this utility is long and varied. Black outs, brown outs, narrow margin of extra capacity, failed wind resource utilization (the world's most cost-effective field-proven energy source), problematic geothermal supply, extremely high rates with perpetual increases, a contentious attitude towards public concern, an unfathomable cost and time estimate on line extensions for rural customers, and an all too cozy relationship with the PUC. Despite all this (and more), the parent company makes a high margin of profit and rewards its shareholders with ever increasing dividends, as evidenced by its latest quarterly report.

A company that sports so many blemishes while treating its executives and owners so well sounds like a state-owned company in one of the many (failed) socialist countries littering the planet. In fact, that is not far from the truth, which is precisely the root of the problem.

HELCO enjoys a nearly unique status among private companies. The state grants it a monopoly and in turn, ostensibly under the watchful eye of the PUC, prevents the company from taking unfair advantage of its customers. Imagine if the state suddenly granted KTA a monopoly to sell food on the island. No more Sure Save, no more Costco, no more Kamigaki, no more 7-11 etc. Guess what? No more competition, no more market mechanism to hold prices down, and no more reason to keep the customer satisfied. No more incentive to be a well run, efficient business. In time, KTA would become a slothful brat immune from corrective feedback, and top heavy with a strata of money-sucking bureaucrats. I'm using KTA only as an example — any company given control of an entire market would turn into such a beast.

It is axiomatic that anytime a governmental body tries its hand in the business world, failure follows. Witness the bankruptcy of Orange county, California. Witness the approximately $100,000 debt of every man, woman, and child in this country to cover Uncle Sam's on-books deficit and unfunded liabilities. The seminal cause of these examples is the magical lure of OPM: Other People's Money. That translates into yours and mine. People who have nothing of their own at risk often do stupid things. Governments do it all the time. And in HELCO's case, they can get away with stupid things because they have a captive market handed to them by the state. They are literally the only game in town when it comes to grid connected power. And they are moving into the off-grid market, via solar electric systems, as well.

In short, HELCO wants to control all the electricity used and produced on the Big Island on its own terms. And it's getting away with it. And in all likelihood it's going to continue to get away with it.

The rationale behind a public utility monopoly is in part to prevent a bunch of companies from stringing up even more ugly power lines everywhere, and to have an orderly and stable control of power production and distribution. If the power picture on this island is going to improve, the change has got to come from the free enterprise sector. Because more regulation simply plays into the hands of the utility company monopoly.

My proposal is first to get rid of the PUC. There is no place in a free market for centralized state contrived market regulation. Second, sell the grid to the end users. That is, form an owners cooperative whereby the member/power users hold shares which represent ownership of the distribution infrastructure. Third, let HELCO continue in the business of making electricity, owned by its shareholders. The cooperative could buy power under contract with HELCO in addition to any other power producer that came along.

A freer, decentralized, deregulated economy is not perfect, but it is the best choice we have. If we value freedom, efficiency, low cost, and improved technology, it is the only choice. We must unburden ourselves of the monopolistic quasi-private state-sanctioned industries if we want the best power system possible. Until we do, we are shortchanging ourselves.

Viewpoint articles represent the views of individuals in our community and do not necessarily reflect the opinion of the newspaper.

–Hawaii Tribune - Herald, Wednesday, December 14, 1994

Who are the players in this power game?

A familiar company and some new players are in the power game, all hoping to sell up more power to Big Island residents. They are:

● Hawaiian Electric Light Co., which now produces about 75 percent of Big Island power, says it must expand its 30-megawatt Keahole Generating Station to meet demand here.

Helco wants to bring an additional 40 megawatts on line next year in two phases, and then upgrade the plant further to produce a total of about 86 megawatts at Keahole by 1997.

Independents such as Puna Geothermal Venture and Hilo Coast Processing Co. already produce their own power and sell it to Helco to deliver. And now other independent companies want to build power plants and sell juice to Helco's customers.

Helco argues it should be allowed to expand Keahole because it can bring the extra power on line more quickly than the independent power producers can build their plants.

Helco says it needs more power capacity next year so it can retire obsolete generators, some of which were supposed to be phased out in 1990. The old units are inefficient and break down more often than newer units, and next year Helco plans to retire generators now producing about 20 megawatts of power.

Helco had planned to get the first of the new Keahole generating units on line in mid-1995, but opponents of the Keahole expansion forced the utility into a contested case hearing before the state Board of Land and Natural Resources.

A Helco spokesman said he has no idea when the hearing might be finished, and the company can't begin construction at Keahole until the contested case hearing is resolved.

● Waimana Enterprises Inc. and its partner, Diamond Energy of Delaware, want to build a 58-megawatt plant on Hawaiian Home Lands near at Kawaihae.

Waimana is headed by Albert Hee, brother of Office of Hawaiian Affairs Board Chairman Clayton Hee. Clayton Hee is not involved in the project, however.

Ironically, Department of Hawaiian Homes officials say it was Helco that initially approached them about building a power plant at the Kawaihae site just mauka of Kawaihae Road at the turnoff to Kawaihae Harbor.

See PLAYERS, Page 8

PLAYERS: Who's who in the power game

From Page 1

The Department of Hawaiian Home Lands then accepted bids to lease the 40 acres of Kawaihae Hawaiian Home Lands.

First preference in the bidding was given to companies owned by native Hawaiians, and Al Hee's company landed the lease by agreeing to pay DHHL more than $1 million a year for the parcel.

Waimana is proposing a cogeneration plant, which means some of the waste heat left over after oil is burned to produce electricity will be sold or used for other purposes.

Waimana plans to use the "waste heat" to produce up to 2.6 million gallons a day of drinkable water to be used at the proposed Hawaiian Homes development planned on 10,000 acres of Hawaiian Home Lands nearby.

Waimana hoped to construct a plant by late 1996, but has been unable to strike a deal with Helco to sell power to the utility. Earlier this year Waimana asked the Public Utilities Commission to intervene to help get Helco to agree to a purchase contract.

● Enserch Development Corp. of Dallas wants to built a 60-megawatt power plant at the old Haina Mill at Honokaa. But it too has been unable to get Helco to agree to sign a contract to buy Enserch's power.

Enserch also has taken its case to the Public Utilities Commission, and this week is asking the commission to decide on a formula to use to calculate whether Enserch can produce power for the same price or less than Helco.

Enserch wants to build a light industrial park that would use the steam and hot water from the plant for aquaculture and other industries.

—By Kevin Dayton

Resort water use, homesteaders at odds on Molokai

By BRIAN PERRY
Staff Writer

KUALAPUU, Molokai — The conflict between resort development and Native Hawaiian water rights is rearing its head again on the Friendly Isle.

Kukui (Molokai) Inc., which operates the 4,000-acre Kaluakoi Resort on Molokai's arid West End, is seeking a permit from the state Commission on Water Resource Management to continue allowing withdrawal of as much as 2 million gallons a day from the Kualapuu aquifer.

The resort is using about 1 million gallons a day for a 148-room hotel, three condominiums, 324 home lots and an 18-hole golf course. The commission staff recommends approval of an interim water use permit that would limit water use to 871,420 gallons a day. That would be nearly a 13 percent reduction of the resort's existing water consumption.

Native Hawaiian homesteaders oppose the resort's continued permit to use as much as 2 million gallons per day. They say water resources should be reserved for their use first.

Ed Sakoda, the commission's regulatory chief, said the resort water users at times have used more than three times the average consumption of other Molokai water consumers.

"Continuation of the existing use, which should not result in any harm to existing legal uses or interfere with future established rights to water, is considered to be in the interest of the public," the commission staff recommendation says.

It says that while treated sewage effluent is used to irrigate 32 acres of the front nine holes of the golf course's 151 acres, more effort should be made to develop an alternate, nonpotable source of water for irrigation. The report also says drinking water is wasted as it goes through the water treatment process required to ensure safe drinking water. It says the water treatment system should be evaluated to minimize waste.

Honolulu attorney Scott MacKinnon, who represents Kukui (Molokai), said this morning the resort already has permission to use as much as 2 million gallons of water a day, and it is merely seeking to continue that permit.

He said Kukui officials are studying the commission staff recommendation and are not in a position to comment before completing their review.

The commission had been set to take action on the staff recommendation for allocating Kualapuu water resources last Thursday. But a lack of a quorum forced a cancellation of the meeting. A new date has not been set.

Although underground water resources at Kualapuu have been estimated to be capable of providing a sustainable yield of as much as 7 million gallons per day, the commission staff uses a more conservative figure of 5 million gallons per day. Sustainable yield refers to the amount of water that can be safely taken from an underground water source without damaging its ability to replenish itself.

Hawaiian homesteaders use about 367,000 gallons per day, and the Department of Hawaiian Home Lands has reserved 905,000 gallons per day. Molokai Ranch Ltd. and the Maui County Department of Water Supply have applied for the use of 1.3 million gallons per day.

HCPC agrees to generate power for another week

Hawaii Tribune - Herald, Sunday, December 18, 1994

❑ Workers comp claims to be paid during negotiations

The Hilo Coast Processing Co. power plant will keep operating for at least another week, averting the threat of rolling blackouts for the time being.

Hilo Coast officials also announced they'll continue paying workers compensation claims, but said the cooperative's bankruptcy filing last week caused some delays in the checks.

Hilo Coast officials originally announced they would shut the 22 megawatt plant in Pepeekeo down today because of the bankruptcy filing.

But that deadline was extended until Christmas day to allow more time for negotiations between Hilo Coast, Hawaii Electric Light Co. and the state Department of Agriculture, which is Hilo Coast's largest creditor.

Hilo Coast, which closed its sugar operations three months ago, had been negotiating with Helco to sell or refinance the

See HCPC, Page 10

power plant to pay for the $3.9 million employee severance package and other expenses.

Those negotiations broke down when Helco insisted that C. Brewer & Co. — the 50 percent owner of Hilo Coast — must guarantee a $6 million loan Helco was to make to Hilo Coast.

Hilo Coast said it couldn't meet that demand, and filed for protection in federal bankruptcy court last Monday.

Helco warned the closing of the power plant would leave it short of power during its busiest month, and could trigger rolling blackouts.

If the new round of negotiations produces an agreement, it would still need approval by the bankruptcy court.

Hilo Coast President Jim Andrasick said Helco, Hilo Coast and the state all have an interest in helping to get Hilo Coast back on its feet.

Andrasick also said that the bankruptcy filing caused some disruption in the processing of payroll and workers compensation checks, which now have to be funded from different bank accounts.

Injured Hilo Coast workers complained last week that their workers compensation checks abruptly halted after the filing.

The workers comp payments are subject to approval by the State Department of Agriculture and the bankruptcy court, which caused delays, Andrasick said.

Hilo Coast officials say they believe those problems will be corrected shortly.

If necessary, individual claimants will be paid directly by C. Brewer to ensure that current and former employees with workers compensation claims receive their benefits, according to a company news release.

Union leaders discuss HCPC

The ILWU will be holding a membership meeting of all bargaining unit members of Hilo Coast Processing Co. and Mauna Kea Agribusiness-Sugar Division 7 p.m. Tuesday at the ILWU hall in Hilo.

All ILWU pensioners, non-bargaining unit employees and spouses are also welcome to attend the meeting.

The agend will include an update on the bankruptcy filed by C. Brewer on behalf of HCPC and potential problems.

Viewpoint

HELCO faces a 'crisis' relative to self-interest

By Richard and Shirley Tanzella
Kailua-Kona

I'm writing in response to Mr. James M. Greenwell's letter to the editor on Nov. 30: "Support HELCO." I believe his article is narrow minded, and he needs to take a broader look at the proposed expansion.

Mr. Greenwell's statement about "uncertain alternative independent power sources HELCO is required to consider in its race to be on time in avoiding impending rolling blackouts," etc. is ridiculous.

If HELCO had bargained in good faith with Enserch on its proposed Hamakua project, Enserch would be nine months further along. That means by August of 1995, HELCO could have had 20 additional megawatts of power available for Big Island customers. If it's true that we have this "urgent" need for power as HELCO claims, then businesses, residents and tourists will suffer solely because of HELCO's failure to negotiate with Independent Power Producers. The only race HELCO is running is to beat the Independent Power Producers to the finish line. The "crisis" is not about impending rolling blackouts. It's about HELCO protecting its monopoly, satisfying its stockholders and operating to benefit its parent company, HEI — period. The only "uncertain" power source on the Big Island thus far is HELCO.

Regarding Mr. Greenwell's statement: "Think for a moment what our lives would be like without electricity."

I don't have to think about our lives without electricity. As a HELCO "victim," I have had first hand experience with rolling blackouts, brownouts, surges, blips, glitches or whatever else it wants to call its power outages. HELCO seems to have a history of blaming others for its mismanagement and inability to produce reliable power, i.e.; Puna Geothermal Venture. However, a major contributor to the rolling blackouts in 1992 and 1993 was the failure of HELCO's own equipment to operate properly, not from a shortage of power.

Power outages are not just indicative of the Big Island. HECO, like HELCO, (which is also a subsidiary of HEI, on Oahu) is currently experiencing power outage problems, too. How is it that mainland cities afflicted with severe weather conditions such as frigid temperatures, ice and snow can give their customers uninterrupted power, but our local utilities cannot? Obviously, statewide, HEI is not being run efficiently.

Mr. Greenwell expressed his concerns about the hospital being without power, etc.

The Kona Hospital has emergency generators it relies on when electricity fails. The Chief of Staff at Kona Hospital, Dr. Jon K. Lattimer, MD., is on record as being opposed to the Keahole expansion due to health concerns of the residents.

Mr. Greenwell's statement about two people holding up 130,000 who seek assurance of electric power is absurd.

If Mr. Greenwell bothered to read HELCO's Revised Final Environmental Impact Statement or attended the Department of Health meeting on Sept. 12, he would be aware that there is significant opposition and concern from the community, environmentalists, and government agencies. This is not at all a matter of two people holding up 130,000. Ratliff and Cooper, the two intervenors, reflect the substantial community opposition to the Keahole power plant. Others opposing the expansion include: state Rep. Virginia Isbell, Councilman Jim Rath, Councilman Keola Childs and Sen. Andrew Levin. Mayor Stephen Yamashiro has openly supported Enserch's Hamakua project.

Yes, Mr. Greenwell, I would like the assurance of dependable electric power on a regular basis, but not at the expense of further polluting our air. Enserch can provide us with electrical power and is proposing a project with less pollution than what it is currently replacing in Hamakua and without community opposition. HELCO is proposing to add more pollutants to a already vog-impaired environment.

In conclusion, Mr. Greenwell neglected to mention the main concern of those who are opposed to the Keahole expansion. This issue is not solely about providing reliable electrical power. It's about preventing HELCO from building a power plant that is expected to produce 28 tons of pollutants daily, further degrading our environment. It's about being concerned for the health and welfare of our community, our lives, our children's lives and the air we breathe.

So, Mr. Greenwell, thank you for inspiring me to write and be heard.

Viewpoint articles represent the views of individuals in our community and do not necessarily reflect the opinion of the newspaper.

Helco fends off bids to make power

❑ Two private firms vie with the utility for generating future

By Kevin Dayton
Tribune-Herald

This week the lawyers and power company executives converge on the state Public Utilities Commission for hearings that may decide where the Big Island gets its next jolt of power and who gets the profits.

The three-cornered high-stakes power play involves the formidable Hawaiian Electric Light Co. and two would-be competitors called Waimana Enterprises Inc. and Enserch Development Corp.

All three companies are eager to produce and sell about 60 megawatts of power to Big Island consumers, who pay some of the highest electric rates in the nation.

The 60 megawatts would amount to about a quarter of the power consumed on the Big Island when one of the plants is completed, and the island doesn't need two 60-megawatt plants.

So, the high-stakes game will have one winner and two losers.

Each of the power projects would cost about $100 million to construct, and an Enserch executive says each of the three companies already has anted up at least $1 million just to get this far.

Helco has made an especially large investment because it already bought the generators it intends to use to produce the additional power.

But Helco's proposed expansion of its Keahole Generating Station has met with sometimes angry resistance from Keahole area residents. The project now must go through what could be a protracted contested case hearing before the state Board of Land and Natural Resources.

And Helco has another reason to fight for the right to produce the power: under federal law the utility isn't allowed to make a profit from the power produced by the independents. Helco merely buys the power and transmits it to its customers at cost.

That means if one of the independent producers wins the

See HELCO, Page 8

Hawaii Tribune - Herald, Wednesday, December 14, 1994

HELCO: Private firms want to make power

From Page 1

right to sell power on the Big Island, Helco loses a hefty share of its market for the forseeable future.

Each of the three companies contend their project is best and the others are flawed.

The two independent producers are proposing "cogeneration" projects, meaning they sell or use heat from their power plants for industrial uses.

Federal law requires Helco to buy power from independent cogeneration producers if it needs the power and if the independents can produce electricity as cheaply as Helco can.

But the two independent power producers say Helco has stalled their projects by refusing to enter into contracts to buy power with them.

"You can't reach agreement when you're the only one that is proposing," said Albert Hee, head of Waimana. Hee says his company first offered Helco a draft proposed contract in 1991.

"They never say if it's good, bad or ugly. The position you're put in is one of talking to yourself," Hee said.

Waimana already has asked the Public Utilities Commission for help to get Helco to agree to the contracts, and Enserch is making a similar case to the PUC this week.

Enserch argues Helco gave three different accounts of what it costs Helco to produce power. Enserch argues Helco is understating its costs to make it look as though power from the independents is too expensive.

Helco, meanwhile, says neither company has offered to sell power as cheaply as Helco could produce it itself.

And Helco says neither the Waimana nor the Enserch plant could come on line before November 1996, which Helco says is too late.

Helco also has suffered delays. Even if the utility had all of the necessary approvals — which it doesn't — Helco would have to keep construction crews on the job seven days a week to bring the new generators at Keahole on line by mid-1995, said Helco spokesman Bill Stormont.

Stormont said the announcement this week that the 22-megawatt Hilo Coast Processing Co. power plant will shut down won't have any effect on the proposed projects.

None of them could come on line in time to offset the loss of power from the HCPC shutdown, he said.

Hawaii Tribune - Herald, Wednesday December 14, 1994

New vote on water post set

❑ County attorney calls earlier secret vote 'null and void'

By Dave Smith
Tribune-Herald

The county Water Commission is expected to select a new water department manager when it meets yesterday.

The vote on a new head for the Department of Water Supply will be the second this month. A vote taken Dec. 7 was ruled improper after the nine-person panel used a secret ballot — a violation of the County Charter — to choose Milton Pavao, head of the department's engineering division, to replace manager Bill Sewake.

Sewake, a 25-year department veteran, is retiring at the end of the year.

Pavao was chosen from three finalists narrowed from a pool of 17 applicants for the $75,000 position.

A letter sent last week to the commission from county attorney Aaron Chung on behalf of Corporation Counsel Richard Wurdeman confirmed that the Dec. 7 vote is "null and void."

Chung's letter said the County Charter requires that all official actions by county boards and commissions "must be held in a public and open meeting or the results will be illegal."

The letter suggested that the commission conduct a preliminary vote on the 17 applicants. If any candidate receives a majority of the votes, he or she is the new manager. However, if none receives more than half of the votes, a final vote on the top two finishers should be held.

Chung, the deputy corporation counsel assigned to advise the Water Commission, said that to ensure openness, the vote should ideally consist of a roll-call in which each commissioner responds "openly and publicly" regarding their choice of candidate.

According to the commission's staff, the appointed commissioners voted 5-4 in favor of Pavao at the earlier meeting. Four commissioners cast for current Chief County Engineer Donna Kiyosaki. The third finalist, water department engineer Quirino Antonio Jr. received no votes.

Several commissioners contacted by the Hawaii Tribune-Herald said they were unaware the Charter required open, public votes on all actions.

At the time of the vote commissioners unanimously agreed to take a secret ballot to avoid any resulting "ill feelings."

Hawaii Tribune - Herald, Wednesday December 14, 1994

Molokai resort must cut water

WAILUKU — Molokai's biggest resort is being told to reduce its water consumption.

The state Commission on Water Resources wants Kukui (Molokai) Inc., which operates the Kaluakoi Resort, to cutback its water use by 13 percent.

The 4,000-acre resort on the west end of Molokai uses about one million gallons of water a day to care for a 148-room hotel, three condominium complexes and an 18-hole golf course.

That, according to Ed Sakoda, regulatory chief of the state Commission on Water Resources, sometimes is three times the average consumption of residences.

The commission wants to see the total usage lowered to 871,420 gallons a day, but Kukui (Molokai) is seeking permission to use up to two million gallons per day.

In addition to the state's recommendation, Hawaiian homesteaders have expressed concern, saying if the resort is allowed to consume all it wants, there won't be enough for them.

"The reservation of water to recognize Hawaiian water rights comes first," said Glenn Teves, a Hawaiian homesteader.

The commission was scheduled to decide on allocating underground water last week for west Molokai, but a failure to meet a quorum forced a postponement.

The commission also announced that it has recommended increasing the allocation for county users and the Department of Hawaiian Home Lands at five million gallons a day from the Kualapuu site.

Friday, December 23, 1994 Star-Bulletin

Cleaning the Ala Wai

THE Ala Wai Canal is a disgrace. Built as a drainage canal for Waikiki, it has become an open sewer. The water is so dirty that people who make the mistake of jumping or falling into it run the risk of contracting skin diseases. All manner of items, large and small, are dumped into the canal or the streams that flow into it. Yet this waterway is the mauka boundary of the state's prime resort area.

People have been complaining about the canal for decades. Now at last something is being done about it — not much, but something. The state is drilling to test whether underground salt water can be used to get the stagnant, brackish water in the canal circulating. The plan is to pump up to 20 million gallons of salt water a day into the Kapahulu end to shorten the time the water remains in the canal. This should reduce the growth of algae, which makes the water murky.

If the pumping proves feasible, at a cost of $3-4 million for pump houses and pipes, the next step would be dredging, which could cost $5-7 million. Finding that kind of money won't be easy. But with the new convention center going up next to the canal, there is an added incentive to clean it up and make it look respectable. There is no acceptable alternative.

County lawmakers defer on sewer fee hike

By JASON ARMSTRONG
West Hawaii Today

HILO — Local lawmakers Tuesday deferred action on separate proposals that seek a $4 monthly increase in county sewer rates and a ballot question that would allow non-partisan county elections.

The bill aimed at raising existing $18 per-month sewer fees was deferred by the Committee on Finance at the request of South Kona Councilman Keola Childs, author of the proposal.

The move was made to accommodate Mayor Stephen Yamashiro, who has asked for more time so the administration can develop a variable-rate proposal based on actual use that would prove to be fairer to small families, Childs said.

Hilo Councilman Brian De Lima said he is "very concerned" about the proposed increases. De Lima earlier this year led council opposition that was able to kill the administration's proposed increase, which Childs later used as a template for his bill.

Harold Sugiyama, county Wastewater Division head, said he is awaiting data being tabulated by the Department of Water Supply that will identify customer water use according to district.

The usage reports are needed to select variable residential and commercial sewer rates that will be based on water consumption, he said.

The council committee also postponed action on a proposed charter amendment that would allow voters to decide if the county should have non-partisan elections for the offices of mayor, prosecuting attorney and the nine council seats.

Committee members voted to hold public hearings in Kailua-Kona and Hilo before acting on the proposal submitted by former Councilwoman Helene Hale.

Committee Chairman Jim Rath of North Kona said he is opposed to non-partisan elections. Political parties allow people to become involved in politics at the precinct level and then remain active throughout the year, he said.

Rath added that implementing non-partisan elections would result in only the wealthiest candidates, those who cater to special interests, having a chance of poli cal victory.

Childs argued in support of non-partis elections, which he called "a healthy ev lution of county politics."

Council Chairman Elroy Osorio said given the chance, he would have cast t deciding ballot supporting the propos charter amendment.

However, Osorio added that he we comes islandwide public input before takes a position on the issue because "it such an important matter."

Proposed charter amendments requi support from at least six of the nine cou cil members before they may be broug before voters in the subsequent gener election.

A hike in sewer fees on County Council agenda

☐ But mayor asks for delay of any action until he makes his own recommendation

Big Island sewer fees will be up for debate by the County Council Finance Committee tomorrow, but the committee isn't expected to vote on any proposal to increase the fees just yet.

Kona Councilman Keola Childs has introduced a measure to increase basic sewer fees for single family homes from $18 to $22 on July 1, with additional step increases to follow in later years.

But Childs said Mayor Stephen Yamashiro has asked him to defer the matter until next month.

Yamashiro proposed a similar increase in sewer feess earlier this year, but the council chose to boost sewer fees on businesses only. Yamashiro then vetoed the measure.

Childs said he introduced a new version of the sewer fee increase because federal regulations require that the system raise more money and become self-sufficient.

County Chief Engineer Donna Fay Kiyosaki then asked Childs to defer the matter until January while Yamashiro's administration designs a new sewer fee proposal, Childs said.

The Finance Committee meets at 9 a.m. tomorrow in the County Councilroom in Hilo.

—Hawaii Tribune - Herald, Monday, December 19, 1994

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Craddick survives vote of confidence

But two seek water director's resignation

By BRIAN PERRY
Staff Writer

WAILUKU — Department of Water Supply Director David Craddick survived another attempt by two Board of Water Supply members to oust him Tuesday.

During an annual evaluation of the director's performance, board member Norma Piltz made a formal motion to request Craddick's resignation. Her motion was seconded by board member Duane Hayashi.

After much discussion, board members voted 5-2 to retain Craddick. A majority of board members agreed the water department has made great improvements under Craddick's leadership. They admitted, however, that his administrative and public relations skills have left much to be desired.

David Craddick

ALSO SEE . . .

■ The water board committed to buying million-dollar filters for the Kamole Weir and Lahaina treatment plants.

. . . ON PAGE A3

In arguing in favor of Craddick's resignation, Piltz recited a list of nearly a dozen misdeeds, most of which have been hashed out publicly by the director and board members. She said he has defied board policy directives, taken actions without board approval and fostered misunderstandings with members of Mayor Linda Crockett Lingle's administration, developers and within the community at large.

Piltz's list included, as the most recent item, discontent with Craddick's move to establish a consumer advisory group to recommend general policies on water rate hikes. At a Nov. 15 meeting, board members chastized Craddick for contacting eight people to serve on the panel before it had been formally approved by the water board. Members agreed the idea had merit and referred it to the board's Finance Committee for further discussion.

Piltz said she thought that was where the matter rested. Then, she read portions of a Dec. 13 letter from Craddick to Mayor Linda Crockett Lingle thanking the mayor for her comments on the proposed consumer advisory group.

"We are not looking for people with strong finance backgrounds but rather people with good communication skills and open minds on what

See CRADDICK
on the last page of this section

Craddick survives confidence vote

Continued from Page A1

we are trying to accomplish," Craddick writes. "We wish to include on the advisory group people who represent the various consumer groups to aid us in educating the community on why funds are needed."

Piltz said the letter showed another instance in which Craddick defied a board decision — in this case, the decision to refer the advisory group idea to a board committee.

"We ... Who is 'we?'" she asked.

Piltz accused Craddick of twisting facts and of being dishonest and unethical.

"I feel David uses his wits to manipulate the board to get his way," she said.

Hayashi supported Craddick's ouster, saying the director's lack of expertise in financial matters is of particular concern.

He pointed out that in an earlier matter before the board Tuesday, the amount of the department's $1.8 million savings from fiscal 1993-94 was reported as only $1 million.

Craddick acknowledged the error, but blamed it on staff members who had prepared what he said was a new type of form for board members to review. He said perhaps there had been miscommunication between himself and his staff.

But he agreed with Hayashi that "good financial numbers are paramount." Later, he said there have been difficulties in the water department's finance office and that he could tell Hayashi of things that "would turn your hair as white as mine."

Craddick said he would not go into detail about the problems during an open public session.

Board member Tom DeCourcy said Craddick's statement about the water department's finance office made him wonder if the board was being kept in the dark about some matters.

"It's our job to know," he said. "I feel maybe we don't know enough."

Hayashi said the $1.8 million in department savings from the 1993-94 fiscal year could make it difficult for the water board to make a strong case to the public in favor of water rate increases. He said those sorts of issues should be resolved before a water rate proposal is brought before the public.

"I'm not going to apologize for saving money," Craddick said, adding the savings was due to careful spending by the department.

Board member Dorvin Leis said the department should have a cushion of more than $1.8 million, which he called "very, very marginal" for an operation of its size. Board Chairman Byron Walters said a consultant had recommended a cushion of at least $4 million.

Walters and other board members defended Craddick's performance.

Walters said it's unfair to judge Craddick harshly for a few missteps while the water department in general is doing a good job.

Overall, the department "does seem to be getting a lot better," he said. And, what often goes overlooked is that "we've also done so God-darn much."

Board member Natalie Powell said the department has improved from a time when "so many horrendous things went on in the past."

She said the board too often oversteps its bounds and gets involved in issues that should be left to department staff to resolve.

Powell said Craddick has been criticized for consulting with individual board members outside of meetings and for not talking to them about issues before meetings.

"It's kind of damned if you do, damned if you don't," she said.

Board member Warren Watanabe, former president of the Maui Farm Bureau, said he has dealt with Craddick as water director and found him more supportive of Upcountry farmers than any other director.

"He may be weak administratively, but nobody's perfect," he said. "You have to take the good with the bad. Most people are concerned with getting water out of the tap."

Craddick succeeded Rae Shikuma Loui as water director in January 1992. His job pays $72,910 a year, and he serves at the discretion of the water board.

In an Aug. 18, 1993, attempt to oust Craddick, Piltz and Hayashi were the only board members to vote in favor of the director's resignation. During that session, Piltz argued Craddick should be removed as director because he refused to accept an advance payment for water meters for the Kulamanu subdivision.

At the time, Craddick said he refused payment for the Kula project because the area has inadequate water supplies. He admitted, however, that under department rules, the project was entitled to water meters.

Craddick also was reprimanded May 18, 1993, for his approval of a $37,000 advertising campaign to muster public support for a new water meter assessment fee. His action did not receive board approval beforehand.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 20, 1994 **LAST REPORT DATE:** 12/19/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURES (PGV)

STATUS: Electrical generation this morning at 0701hrs was 28.4MW gross and 26.1MW net with 10 OEC units in operation. PGV expects to be able to increase the net power output to nearly 28MW this morning before the ambient temperature rises.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Monitoring of the falling water level in the top 2700ft of the well continues.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ISION OF WATER AND LAND DEVELOPMENT

FROM: JG DATE: 1/1/9 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	GA	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	HY	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	JY	Jon		
___	JM	Janet		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

94 DEC 19 A 7:00

FAX TRANSMITTAL

DATE: 12/19/94

TO: JEANNE SCHULTZ/~~TAK YOSHI~~HARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-CPD, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 16, 1994 **LAST REPORT DATE:** 12/15/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0745hrs was 27.7MW gross and 25.4MW net with 9 OEC units in operation.

Maintenance expects OEC-21 to be started late today or tomorrow. They are also doing minor work of the non-condensible gas compressors.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Monitoring of the water level in the well will continue.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 12/19 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
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FAX TRANSMITTAL

DIV. OF WATER & LAND DEVELOPMENT

DATE: 12/15/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 15, 1994 **LAST REPORT DATE:** 12/14/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 27.5MW gross and 25.3MW net with 9 OEC units in operation.

Maintenance has finished the annual preventive maintenance work on OEC-21 and operations plans to put it on-line and take down another OEC unit for PM checks. The second sulfa treat vessel's lining work is complete and this unit will be put into service today.

CONCERNS: Monitoring station "A" alarmed last night at a level of "5.019" ppm H_2S. The station monitor has been troubled by noise, which results in continuous levels around 3 ppm H_2S. thus a spike of 2 ppm pushed the total over the alarm limit.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Water level continues to fall in the well 12/8---70ft, 12/12---150ft, and today, 12/15---202ft. Monitoring will continue.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 DEC 15 P3:34
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 12/15/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-CPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: December 15, 1994 **LAST REPORT DATE:** 12/14/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8266

NOTE: **This report is being reissued due to a typographical error using parts per million (ppm) instead of the correct term of parts per billion (ppb). See the third paragraph below.**

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 27.5MW gross and 25.3MW net with 9 OEC units in operation.

Maintenance has finished the annual preventive maintenance work on OEC-21 and operations plans to put it on-line and take down another OEC unit for PM checks. The second sulfa treat vessel's lining work is complete and this unit will be put into service today.

CONCERNS: Monitoring station "A" alarmed last night at a level of "5.019" ppb H_2S. The station monitor has been troubled by noise, which results in continuous levels around 3 ppb H_2S. thus a spike of 2 ppb pushed the total over the alarm limit.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Water level continues to fall in the well 12/8---70ft, 12/12---150ft, and today, 12/15---202ft. Monitoring will continue.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ON OF WATER AND LAND DEVELO:

FROM: _____ DATE: 1-9 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	HY	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	for	tm		
___	for	Janet Clerk		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
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DEC 9 A9:25
LAND & HABITAT DEVELOPMENT

FAX TRANSMITTAL

DATE: 12/8/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 8, 1994 **LAST REPORT DATE:** 12/7/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8208

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0740hrs was 28.0MW gross and 25.9MW net with 9 OEC units in operation.

Maintenance started work on the second non-condensible gas compressor.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Water Resources' crew have completely demobilized the drilling equipment from the HGP-A site with the exception of a loaded semi-trailer. The lubricator unit has also been repaired.

The leak in the upper part of the well is still removing water from the well. The actual level will be checked today.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

VISION OF WATER AND LAND DEVELC N

FROM: JS DATE: 1/29 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	~~Call~~	
✓	SD	G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
	hy	H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
	JM			
	JS			

FOR YOUR:

		R. LOUI
		S. Kokubun

Approval
Signature
Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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DEC 9 08:45
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 12/7/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO, GEO. HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 7, 1994 **LAST REPORT DATE:** 12/6/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0720hrs was 27.8MW gross and 25.7MW net with 9 OEC units in operation.
Both non-condensible gas compressors are available for use. Work on OEC-14 is continuing.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Work continues on demobilization of the drilling equipment used to temporarily plug the well. Monitoring of the leak in the upper section of the well is continuing

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ISION OF WATER AND LAND DEVELOP. NT

FROM: _____ DATE: 1 1 9 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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RECEIVED
DEC 9 '94 3:13
LAND & WATER DEVELOPMENT

FAX TRANSMITTAL

DATE: 12/9/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 9, 1994 **LAST REPORT DATE:** 12/8/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James S. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0735hrs was 27.9MW gross and 25.8MW net with 9 OEC units in operation.

Maintenance is working on the annual preventive maintenance program on OEC-21.

CONCERNS: Monitoring station "C" crashed last night. The contract company technician will be working on the computer today.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: All of the drilling equipment has been removed from the site.

The water level in the well was tagged at 70.2ft yesterday. This corresponds, roughly, to a drop of 23ft/day. The water level will be allowed to continue dropping while monitoring the well on a daily basis. No water will be added to replace that leaking out of the well until an equilibrium water level is reached.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

..VISION OF WATER AND LAND DEVELOP...NT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
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___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

94 DEC 7 A10:28
DIV OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 12/2/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 2, 1994 **LAST REPORT DATE:** 12/1/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE

STATUS: Electrical generation this morning at 0740hrs was 27.9MW gross and 25.7MW net with 9 OEC units in operation. Maintenance is still working on the annual preventive maintenance for OEC-14.

Both wells, KS-9 and KS-10, are only operating one leg of the above ground piping as repair work is being done on the other leg of each well.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Rig crews have removed all the drilling pipe from the well, laid it down, and removed the Blow Out Preventer. The well was filled with water to the master valve and the valve closed. Work will continue on demobilization of the rig over the weekend.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

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94 DEC 7 A10:28
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 12/5/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-CPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 5, 1994 **LAST REPORT DATE:** 12/2/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0705hrs was 27.7MW gross and 25.5MW net with 9 OEC units in operation. Maintenance is still working on OEC-14.

There were several in-plant H_2S alarms on the non-condensable gas compressor units over the weekend. Maintenance will be working on each unit this week.

Halliburton has been doing a test of their high temperature cements in a unit mounted near well KS-9 using wellhead pressures and temperatures.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Rig crews did not work on demobilization of the rig on Friday or over the weekend. Work started today to bring down the mast of the drill rig.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax (808) 586-2377

FAX TRANSMITTAL

DATE: 12/6/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GEO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 6, 1994 **LAST REPORT DATE:** 12/5/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0830hrs was 27.3MW gross and 25.2MW net with 9 OEC units in operation. Maintenance is working on the non-condensible gas compressors and OEC-14.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Rig demobilization continues this week.

The well is losing water and is pulling a vacuum at the wellhead. A leak in the casing somewhere above the cement plug is assumed. Geothermex does not consider this to be a problem at this time and is planning to monitor the situation. Plans are to let the water seek its own level and measure the depth. This is expected to be about sea level.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ISION OF WATER AND LAND DEVELOP...NT

FROM: JS DATE: 12-1 FILE IN:

TO:	INIT:		PLEASE:
		M. TAGOMORI	See Me
		L. Nanbu	Call
		G. Akita	Review & Comment
		L. Chang	Take Action
		E. Lau	Investigate & Report
		A. Monden	Draft Reply
		H. Young	Acknowledge Receipt
		T. Kam	Type Draft
		G. Miyashiro	Type Final
		D. Lee	Xerox ____ copies
		A. Yim	File
		Jan	
		Janet Chun	

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

REMARKS: Drawer File

Get info on temp. case job I'd like to see x-fed. in g well. g

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 12/1/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: December 1, 1994 **LAST REPORT DATE:** 11/30/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0940hrs was 27.8MW gross 25.7MW net with 9 OMC units in generation. Preventive maintenance work is still being performed on OEC-14.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: The second and last cement plug was pumped into the well by Halliburton yesterday. The top of this plug was tagged at 2697ft by the drilling crew this morning. The mechanical packer (plug) and the two separate cement plugs occupy nearly 300 vertical feet in the well, from ~3000ft to ~2700ft leaving the top of the well for the reinstallation of the seismometer.

Demobilization of the drilling rig has started and is expected to be complete by early next week.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPME

FROM: _____ DATE: 11-30 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address. P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 11/29/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GEO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 29, 1994 **LAST REPORT DATE:** 11/28/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0800hrs was 27.5MW gross 25.3MW net with 9 OEC units in operation. OEC-14 is still down for its annual preventive maintenance.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Water Resources' rig reached 3000ft with the drill string and the 6 inch bit on an exploratory run yesterday at 1630hrs which proved there was enough clearance for the mechanical packer to be installed. Halliburton flushed the drill string for a 1/2hr to remove any debris. The BOP was closed around the drill string and County water continued to flow into the annular space, keeping the well quenched for the night. By 0800hrs this morning work was progressing rapidly toward removal of the drill string before installation of the mechanical packer.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Drawer 4
File #43

DOWALD PUBLICATION ROUTE SLIP

___ M. TAGOMORI

___ G. AKITA	___ E. LAU	___ L. CHANG
___ H. Young	___ A. Monden	___ G. Miyashiro
___ T. Kam	___ A. Yim	___ D. Lee
___ S. Yong	___ S. Agraan	___ D. Imada
___ C. P. Chang	___ K. Chung	___ E. Yuasa
___ T. Nakama	___ M. Emiliano	___ S. Lee
___ J. Swift		___ J. Menor
___ J. Florez		___ G. Morimoto
___ ~~M. Tanouye~~		
___ Y. F. Xu		

___ Chin D.A. (please save per article)

State sealing off geothermal well

POHOIKI, Hawaii — The state yesterday began fulfilling its promise to Puna residents to plug the 19-year-old HGP-A geothermal well, which led to commercial production of the alternative energy source.

The Natural Energy Laboratory of Hawaii Authority, a state organization based in Kona, is in charge of shutting down the 6,000-feet-deep Puna Research Center well.

Water Resources International, a former Puna geothermal well-drilling contractor, and Halliburton Energy Services, have been hired to complete the $160,000 plugging operation.

The decision to fill the hole with concrete at the 3,000-foot level was made after California consultants in July declared the unit to be unstable and suggested abandoning it.

The work is expected to take about a week, according to Robert Kihune of the Natural Energy Laboratory. A temporary plug was inserted in October.

Hawaii Tribune - Herald, Sunday, November 27, 1994

HGP-A well to be plugged

A 300-foot well the Natural Energy Laboratory of Hawaii has used for studying geothermal energy will be filled with concrete starting tomorrow.

The HGP-A Geothermal well at the Puna Research Center has been inactive for a long time, laboratory spokeswoman Adrianne Greenlees said.

Researchers at the Natural Energy Lab used the well to study the effectiveness of harassing geothermal power.

But now that the Puna Geothermal Venture has its power facility on line, the test well is no longer necessary, Greenlees said.

State and Hawaii County representatives will supervise the plugging of the well. Work is expected to take about a week.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: JS DATE: 1-1-93 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	___	L. Nanbu	✓ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___	Janet		
___	___	Jm		
		Chuck		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
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RICK EGGED
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DEPUTY DIRECTOR

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94 NOV 29 A10:26
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FAX TRANSMITTAL

DATE: 11/28/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 28, 1994 **LAST REPORT DATE:** 11/23/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0830hrs was 27.5MW gross and 25.4MW net with 9 OEC units in operation. OEC-14 is down for its annual preventive maintenance check.

Contractors are finishing up the interior coating of vessel "B" in the Sulfa-Treating unit and expect to have the vessel on-line this week.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: After a safety meeting this morning held by the operation supervisor, Eduardo Granados of GeothermEX, operations started on the installation of a temporary plug in the well. Today's schedule calls for bleeding off the gas cap through caustic, killing the well with water, testing of the Blow Out Preventer (BOP), and going in the well with a 6 inch bit on an exploratory trip 3000ft to insure passage of the mechanical packer.

Depending on field problems and timing, the packer will probably be set tomorrow. The well will be kept quenched using County water and a night watchman will monitor this operation overnight.

At 1030hrs this morning the rig crew was running drill pipe into the well.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

D ION OF WATER AND LAND DEVELOPM

FROM: _____ DATE: 11-23 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	___	L. Nanbu	✓ Call	
✓	To	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
___	HW	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___	Janet		
___	___	Jan		
		Chris		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 11/23/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 23, 1994 **LAST REPORT DATE:** 11/23/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0715hrs was 27.8MW and 25.7MW net with 10 OEC units in operation.
Well KS-1A was put back in service yesterday evening.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Work continues on rigging the drilling rig over the well in preparation for temporary plugging.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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DATE: 11/22/94

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HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

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SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: November 22, 1994 **LAST REPORT DATE:** 11/21/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0620hrs was 24.3MW gross and 22.1MW net with 9 OEC units in operation.

Yesterday's report noted that PGV's water supply pump was down for repairs. Actually it was their water well MW-1 pump that is out. It was pulled yesterday and repairs will continue today.

The nitrogen pressure test was started on injection well KS-1A at 0500hrs this morning.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Water Resources, the temporary plugging contractor, was asked to hook up a water supply sufficient for killing the well before continue to rig up over the well. The status of this will be checked today.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
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RICK EGGED
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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'94 NOV 22 P12:37
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 11/21/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: November 21, 1994 **LAST REPORT DATE:** 11/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8268

NOTE: This report will not be published on Tuesday and Wednesday of this week due to the absence of the Geothermal Compliance Coordinator at a meeting in Honolulu

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0605hrs was 24.7MW gross and 22.5MW net with 9 OEC units in operation.

OEC-15 is down for preventative maintenance.

The plant is operating on County water pressure as their water supply pump is down for repairs.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: Work continues on mobilizing Water Resources drilling rig over the well in preparation for plug and abandon procedures.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 11/18/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: November 18, 1994 **LAST REPORT DATE:** 11/17/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0550hrs was 27.1MW gross and 24.8MW net with 9 OEC units in operation. Maintenance is now working on OEC-25 which is down for its annual inspection.

Well KS-3 was placed back in service. The nitrogen pressure test of well KS-1A will be delayed until more liquid nitrogen is received from Honolulu.

CONCERNS: There was an in-plant H_2S alarm last night when OEC-25 was taken off-line, however no elevated levels of H_2S were recorded off-site.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The Planning Commission, yesterday, made decisions on a number of major issues pertaining to the Geothermal Asset Fund Rules and have directed the Planning Department to prepare a final draft for their approval at a special meeting to be held in late December. This final draft will be prepared using the community's draft as a basis and inserting the Planning Commission's decisions on various major issues. The Planning Commission agreed that a 7 member elected (from District 4, Precinct 4) Panel will hear claims and make recommendations to the Planning Commission who will in turn pass this information on to the County Council with a recommendation for payment or denial.

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 11/18/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK EPPLER
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2nd Report for 11/18/94

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 18, 1994 **LAST REPORT DATE:** 11/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

SUPPLEMENTAL REPORT

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: See earlier report today.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

HGP-A

STATUS: The drilling contractor, Water Resources, for the temporary plug and abandon procedure of HGP-A has started rigging up over the well. Rigging up procedures will continue until November 24th and the actual plug and abandon procedure will commence on November 29th.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPM...

FROM: [illegible] DATE: 11-18 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
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		L. Nanbu	Call	
✓		G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓	Amy	H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
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		A. Yim	File	
		Jon		
		Janet		
		Chan		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIH
GOVERN
JEANNE K. SCHUL
DIRECT
RICK EGO
DEPUTY DIRECT
TAKESHI YOSHIHA
DEPUTY DIRECT

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 NOV 17 A10:14
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FAX TRANSMITTAL

DATE: 11/16/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-CPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 16, 1994 LAST REPORT DATE: 11/16/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0710hrs was 26.6MW gross and 24.6Mw net with 9 OEC units in operation. Injection well KS-1A is still undergoing mechanical integrity testing.

PGV has been increasing the amount of flow from well KS-10 to the limit of their brine handling capacity.

CONCERNS: An area power outage evidently caused three of the permanent monitoring stations to alarm this morning approximately at 0830hrs. Field monitoring was showing all zeros for H_2S concentrations.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ION OF WATER AND LAND DEVELOPM

FROM: _____ DATE: 11/18 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

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DIRECTOR

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DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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JOSH AGSALUD, DEAN NAKANO-GPO/ HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 14, 1994 LAST REPORT DATE: 11/4/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0615hrs was 24.9MW gross and 22.8MW net with 9 OEC units in operation. During the logging operation on the reinjection wells last week, there were some minor releases of H_2S which caused alarms at some of the permanent monitoring stations. Mechanical integrity testing of reinjection wells KS-3, and KS-4 is nearly complete. Testing of Well KS-1A is expected to start late tomorrow or the following day 11/16/94.

The logging of well KS-4 which started last Thursday, 11/10/94, resulted in the curtailment of generation of power to ~12MW. Generation remained at this level until last night, when well KS-4 was reinstated in normal service and the off-peak net power produced was increased to ~22MW.

CONCERNS: A number of complaints were received last week by the regulatory agencies and PGV regarding the smell of H_2S. There were several minor releases that did result in off-site monitoring station alarms (alarms set at 5ppb H_2S for 5 minutes). PGV's data show that roving monitors, sent out during those periods, recorded zero readings of H_2S concentrations, in nearly all cases.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: [illegible] DATE: 11-18 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
✓		L. Nanbu	Call	
	[illegible]	G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
✓		A. Monden	Draft Reply	
	[illegible]	H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
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	[illegible]	Jim		
	[illegible]	Janet		
		Oliver		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIHEE
GOVERNOR

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FAX TRANSMITTAL

DATE: 11/17/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPC, HARRY KIM,
HAROLD MATSUURA

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GEOTHERMAL MORNING STATUS REPORT

DATE: November 17, 1994 **LAST REPORT DATE:** 11/16/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0710hrs was 27.4MW gross and 25.4MW net with 9 OEC units in operation. Maintenance is working on OEC-22.

Well KS-1A is back in service and well KS-3 is down for mechanical integrity testing using nitrogen pressure.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITIES: The Hawaii County Planning Commission will continue its hearing today on the Geothermal Asset Fund Rules. This is scheduled to start at 1300hrs.

DOWALD PUBLICATION ROUTE SLIP

M. TAGOMORI

G. AKITA
H. Young
~~T. Kam~~
S. Yong
C. P. Chang
~~T. Nakama~~
J. Swift
J. Florez
~~M. Tanouye~~
Y. F. Xu

E. LAU
A. Monden
A. Yim
S. Agraan
K. Chung
M. Emiliano

L. CHANG
~~G. Miyashiro~~
D. Lee
D. Imada
E. Yuasa
S. Lee
J. Menor
G. Morimoto
Manthos

Chris D. please give to him

Rules adopted for Geothermal Asset Fund

By JASON ARMSTRONG
West Hawaii Today

HILO — The Planning Commission Thursday adopted rules governing the Geothermal Asset Fund, ending a five-year process to determine how to settle residents' claims of being harmed by Puna geothermal power plant.

The rules outline procedures for the allocation of more than $500,000 amassed to help anyone who can verify adverse impacts stemming from Puna Geothermal Venture's Pohoiki facility.

A compromise between community and county Planning Department proposals drafted since the fund's creation in 1989, the rules must still be fine tuned and formally adopted by the commission, said Chairman Donald Manalili. That will likely occur at the commission's next meeting, which will be held here Dec. 29.

A seven-member panel comprised of residents living near the power plant will be elected to oversee claims substantiated by a claims adjuster, according to the commission's 5-4 vote.

Dissenting members sided with the department's recommendation that the mayor appoint the review panel from a list of nominees submitted by the neighboring community.

All the other rules were tentatively adopted by unanimous votes.

The Hawaii County Council will have the final decision on all allocations from the fund, according to the commission's ruling.

A community rules committee wanted the review panel to have the final decision-making power, with the Planning Commission to release all awards.

Commissioners opted for final council approval based on a legal opinion from Corporation Counsel Richard Wurdeman. The Hawaii County Charter designates the council as having the sole authority to appropriate public funds.

A handful of residents living near the plant argued that contributions made by the developer are not taxpayer dollars and therefore should not be considered public funds.

Commissioners also rejected the community's request that PGV be forced to provide $20 million in cash along with $750 million in liability insurance to cover a worst-case accident at the plant, which has been plagued by persistent hydrogen-sulfide leaks and one uncontr[illegible] well blowout.

The panel's administrative costs and the fees for a professional claims adjuster to review all claims on the basis of validity will come from the Geothermal Asset Fund, according to the commission's ruling.

Method of tapping geothermal fund settled

HILO (AP) — A fund set aside to compensate people who claim they have been harmed by emissions or noise from the Puna Geothermal Venture power plant will finally be tapped.

The Geothermal Asset Fund, now up to $600,000, has sat dormant for five years while the Hawaii County Planning Commission figured out how it would be distributed.

The panel has approved guidelines for a system to review grievances and grant compensation.

Under the system approved Thursday, a claims adjuster will first review residents' claims for validity, and then forward them to a seven-member panel elected by Puna residents.

The panel will make recommendations to the County Council, which will decide who will be paid and how much.

Several residents at the Planning Committee hearings expressed displeasure with the final rules.

"It seems like the whole thing is rigged, and it's rigged in favor of PGV and against the community," said Bob Petricci, who lives 1,500 feet from the Puna Geothermal Venture.

But County Corporation Counsel Richard Wurdeman said the county holds the funds and will administer them fairly.

The state contributed $250,000 to the fund and PGV pays $50,000 a year into the fund.

Hawaii Tribune - Herald, Friday, November 18, 1994

Geo asset guidelines OK'd

❑ An elected review board will be set up

By Kevin Dayton
Tribune-Herald

Pohoiki area residents who demand money for damages they say the Puna geothermal power plant caused won a hard-fought victory yesterday.

After five years of delays and protracted negotiations between the county and residents, the Planning Commission finally agreed on guidelines for a panel to review cases where people claim they were harmed by emissions or noise from the plant.

People who present valid claims could be granted payments from the Geothermal Asset Fund, which now has about $600,000.

Under the new rules for the fund, a claims adjuster will review claims by residents and forward them to a seven-member panel elected by Puna residents. The panel will scrutinize the claims, recommend which should be paid and forward their recommendations to the county.

The rules say the County Council will decide in executive session who will be paid and how much.

It's still unclear how soon the panel begin hearings. The rules still must be finalized and panel members still have to be elected.

No one was entirely pleased with the asset fund rules approved in a long series of Planning Commission votes yesterday.

"I'm not surprised, but I'm very disappointed," said Bob Petricci, who lives about 1,500 feet from the 25 megawatt Puna Geothermal Venture plant. "It seems like the whole thing is rigged, and it's rigged in favor of PGV and against the community."

Residents had wanted the claims review panel to have full control over who is awarded money. They argued the county shouldn't have final say because there is no county money in the asset fund.

But County Corporation Counsel Richard Wurdeman said the county holds the funds, and has a legal duty to be sure they are administered properly.

In one heated exchange, Wurdeman told a lawyer for the residents that "You're talking about setting up a little hui that's going to administer a lot of money."

The fund was fina by $250,000 from the state and annual $50,000 contributions by Puna Geothermal. PGV has to contribute its share as a condition of its county operating permit.

See GEO, Page 8

GEO: Asset fund guidelines approved

From Page 1

The commission voted 9-0 to give the County Council final say in awarding money after members pointed out there are public funds involved.

County Planning Director Virginia Goldstein contended the claims review panel should be appointed by the mayor.

In fact, some county officials have said it may be a violation of the County Charter to have the panel elected by the community rather than appointed by the mayor.

Despite those arguments, the Planning Commission voted 5-4 to allow the community to elect the panel members.

Another sore point with residents was the balance of the fund. Several speakers predicted the fund would quickly be depleted by people who already have filed claims. They wanted the Planning Commission to commit the county to replenish the fund to pay all claims.

The commissioners refused, saying they don't have that authority.

The claims review panel was mandated in a 1989 permit, but was never established because no rules were adopted to govern the asset fund.

Residents repeatedly accused the county of dragging its feet on the rules over the passt fives years, but Goldstein said she doesn't believe the county deliberately put off establishing the panel.

She said the rules were delayed because there were three county administrations since 1989, and heavy turnover on the Planning Commission. All of that caused delays, she said.

The rules will now be redrafted by the Planning Department based on the commission votes yesterday, and will be published.

The commission will then hold a public hearing and do a final review of the rules in a special meeting at the County Building at 10 a.m. on Dec. 29.

DOWALD PUBLICATION ROUTE SLIP

M. TAGOMORI

G. AKITA
H. Young
T. Kam
S. Yong
C. P. Chang
T. Nakama
J. Swift
J. Florez
~~M. Tanouye~~
Y. F. Xu

E. LAU
A. Monden
A. Yim
S. Agraan
K. Chung
M. Emiliano

L. CHANG
~~G. Miyashiro~~
D. Lee
D. Imada
E. Yuasa
S. Lee
J. Menor
~~G. Morimoto~~

Chris D. please some geo. articles

Hawaii Tribune - Herald, Thursday, November 17, 1994

Judge tells county to hold onto geo fund

❑ Hearing set for January on lawsuit over who will get it

The county and a community group trying to establish rules for a geothermal asset fund have agreed that the county will not do anything with expense money it's holding until a decison is made on who gets it.

The agreement came at a hearing yesterday before Circuit Judge Riki May Amano, during which the community group's attorney, Isaac Hall, asked for a preliminary injunction as part of its lawsuit against the county.

The group sought to prevent the county from spending, disbursing or converting the $10,000 in expense money.

Amano granted that request but said there was "no reasonable basis" for the group's other request to have the money held by the court in the meantime.

Amano also granted a request by Hall to have an "expedited trial." A half day hearing is scheduled for Jan. 7.

The $10,000 was paid by Puna Geothermal Venture to help establish rules for the asset fund that is supposed to compensate those who have health or other problems stemming from the geothermal project.

The group, which consists of neighbors of PGV's Pohoiki plant, has prepared draft rules and maintains it is the "appropriate community organization" specified in the permit and should be given the money for current and future expenses.

The county is holding the $10,000 as a condition of PGV's operating permit.

The asset fund has so far accumulated more than $500,000, yet rules for how and when the asset fund is distributed are still pending.

Deputy Corporation Counsel Fred Giannini said that the county's fear with the $10,000 is that "someone else can come into that money" besides the community group.

But Hall told Amano, "This is the only group that's been working with the county for any period of time."

Hall told the judge that a Planning Commission meeting was scheduled for today to hear both the county's and the community group's version of the rules.

—By Crystal Kua

The Honolulu Advertiser Saturday, November 19, 1994

Geothermal compensation rules passed

Associated Press

HILO, Hawaii – A fund set aside to compensate people who claim they have been harmed by emissions or noise from the Puna Geothermal power plant will finally be tapped.

The Geothermal Asset Fund, now up to $600,000, has sat dormant for five years while the Hawaii County Planning Commission figured out how it would be distributed.

The panel has approved guidelines for a system to review grievances and grant compensation.

Under the system, a claims adjuster will first review residents' claims for validity and then forward them to a seven-member panel elected by Puna residents. The panel will make recommendations to the County Council, which will decide who will be paid and how much.

Several residents expressed displeasure with the final rules.

"It seems like the whole thing is rigged, and it's rigged in favor of PGV and against the community," said Bob Petricci, who lives 1,500 feet from the Puna Geothermal Venture.

Friday, November 994 — THE MAUI NEWS

Group that picks how to spread geothermal plant funds unpaid

HILO (AP) — A group that was supposed to receive $10,000 to prepare rules for how to distribute money from the Puna Geothermal Venture plant is suing Hawaii County for the money.

Puna Geothermal paid the county the money for the rules study as part of requirements to get permits to operate the controversial power-generating facility in Pohoiki.

The company also must pay at least $50,000 a year into a separate fund to be used to help pay for health costs and for other problems attributed to the plant. More than a half-million dollars has accumulated over the past five years.

County Planning Director Virginia Goldstein says the payment needs approval from the County Council, but a lawyer for the rules committee says that's not true, since taxpayer money isn't involved.

The planning commission voted unanimously in September that the money should be given to the rules committee. Still, Goldstein says she's not sure if the committee should receive the money.

The county tried to give the money to the PCC, but the group refused it, saying it didn't think it was the proper recipient.

The county's actions show they want to give the money to any group but the rules committee, committee member Robert Petricci said.

West Hawaii Today, Sunday, November 13, 1994

County sued to release PGV funds

By the Associated Press

A group that was supposed to receive $10,000 to prepare rules for how to distribute money from the Puna Geothermal Venture plant is suing Hawaii County for the money.

Puna Geothermal paid the county the money for the rules study as part of requirements to get permits to operate the controversial power-generating facility in Pohoiki.

The company also must pay at least $50,000 a year into a separate fund to be used to help pay for health costs and for other problems attributed to the plant. More than a half million dollars has accumulated over the past five years.

County Planning Director Virginia Goldstein said the payment needs approval from the County Council, but a lawyer for the rules committee said that is not true, since taxpayer money is not involved.

The Planning Commission voted unanimously in September that the money should be given to the rules committee.

Hawaii Tribune - Herald, Thursday, November 10, 1994

Geothermal asset fund group sues the county

❑ Panel to set up rules wants $10,000 it says was promised

By Dave Smith
Tribune-Herald

A community group trying to establish rules for a geothermal asset fund has filed a lawsuit against the county over expenses.

At issue is $10,000 paid by Puna Geothermal Venture to help in the establishment of rules for the asset fund that is supposed to compensate those who have health or other problems stemming from the geothermal project.

The county is holding the $10,000 paid by PGV as a condition of its geothermal operating permit.

The permit also requires that PGV contribute $50,000 a year into the asset fund. The asset fund has accumulated more than $500,000 during the past five or so years. Meanwhile, rules for how and when the asset fund is distributed the money are still pending.

The group formed by neighbors of PGV's Pohoiki plant has prepared a draft of rules and maintains it is the "appropriate community organization" specified in the permit and should be given the money for current and future expenses.

But county Planning Director Virginia Goldstein yesterday said there are disputes about who should be paid the organizational money and how it is to be paid.

For instance, Goldstein said she has been told by county attorneys that the payment of the $10,000 must be approved by the County Council.

But the rules committee's lawyer said that is not true because taxpayers' monies are not involved. He said there is also no legal basis for the county's attempts to attach conditions to the $10,000 payment.

At the county administration's request, the rules committee submitted a budget laying out how the $10,000 would be used. When that was rejected, the committee submitted an amended version which was also rejected.

While Goldstein says she is not sure the rules committee should receive the funds, she said monies would have been paid out if an "acceptable" budget was received — because the committee has been working on the asset fund rules. She said an acceptable budget would not include attorneys fees.

At a meeting in September, the Planning Commission unanimously agreed that the $10,000 should be given to the community rules committee.

Goldstein said she believes the Puna Community Council was the intended recipient of the $10,000.

After the Pohoiki rules committee recently demanded payment of the $10,000, the county tried to give the money to the Puna Community Council. But according to rules committee members, the PCC didn't feel it was the proper recipient of the funds.

Committee members point to those actions as one of the reasons they need an attorney's help.

"They want to give the money to anybody but us," said committee member Robert Petricci.

DIVISION OF WATER AND LAND DEVELOPMENT

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___	SG	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	hm	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
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___	JM	Janet		
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DATE: 11/4/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

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GEOTHERMAL MORNING STATUS REPORT

DATE: November 4, 1994 **LAST REPORT DATE:** 11/3/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

NOTE: James Moulds will be on vacation from November 7 through November 11, 1994. This report will not be issued during that period. For any problems or emergency situations he can be contacted at home, 966-7594.

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0650hrs was 26.2MW gross and 24.0MW net with 9 OEC units in operation. Maintenance is working on OEC-22.

CONCERNS: A random check of the noise levels this morning between 0620hrs and 0645hrs showed levels between 33dBA (at "C" monitoring station in Pohoiki Bay Estates) and 43dBA (on Hinalo Street in Lanipuna Gardens). At both of these levels PGV's power plant was a definite industrial noise above the background. There are no other concerns at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

'ISION OF WATER AND LAND DEVELO: NT

FROM: [illegible] DATE: 1/13 FILE IN:

TO:	INIT:	PLEASE:
	M. TAGOMORI	See Me
	L. Nanbu	Call
✓	G. Akita	✓ Review & Comment
	L. Chang	Take Action
	E. Lau	Investigate & Report
✓	A. Monden	Draft Reply
	H. Young	Acknowledge Receipt
	T. Kam	Type Draft
	G. Miyashiro	Type Final
	D. Lee	Xerox ____ copies
	A. Yim	File
	[illegible]	
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REMARKS:

- Any report of the well integrity testing of Inuiki's KA1-1 well?

FOR YOUR:

R. LOUI	Approval
S. Kokubun	Signature
	Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

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OCT 31 P2:59

FAX TRANSMITTAL

DATE: 10/28/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

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FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

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GEOTHERMAL MORNING STATUS REPORT

DATE: October 28, 1994 **LAST REPORT DATE:** 10/27/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0520hrs was 25.0MW gross and 22.8MW net with 9 OEC units in operation. There were no in-plant H_2S alarms last night.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: Mobilization continues for True's contractors in preparation for the mechanical integrity testing of their well KA1-1 tomorrow.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ISION OF WATER AND LAND DEVELOI NT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
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___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
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RICK EGGED
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DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 11/3/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

RECEIVED
94 NOV 4 P1:38
DIV. OF WATER & LAND DEVELOPMENT

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 3, 1994 LAST REPORT DATE: 11/2/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0705hrs was 27.7MW gross and 25.7MW net with 9 OEC units in operation. OEC-13 will be placed in service today and another unit brought down for maintenance.

One end of the drilling sump on Pad A was filled with rock from an adjacent papaya field and work started on filling the empty sump on Pad F.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

/ISION OF WATER AND LAND DEVELO .NT

FROM: _____ DATE: 1/1 _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	S. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 11/1/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 1, 1994 LAST REPORT DATE: 10/31/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0700hrs was 27.6MW gross and 25.4MW net with 9 OEC units in operation. OEC-12 is down for maintenance. Plant steam flow is approximately 450,000lbs/hr.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

..VISION OF WATER AND LAND DEVELOP...ENT

FROM: _____ DATE: 11-3 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	SO	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	HM	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	AP	Jon		
___	jm	Janet		
		Clmo		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 OCT 31 AM 11:04

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DEPT. OF LAND
& NATURAL RESOURCES
STATE OF HAWAII

FAX TRANSMITTAL

DATE: 10/31/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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94 NOV 1 P8:07
DLNR OF WATER & LAND MANAGEMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 31, 1994 **LAST REPORT DATE:** 10/28/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0815hrs was 27.0MW gross and 24.6MW net with 9 OEC units in operation. OEC-11 was brought on-line on Sunday, 10/30/94, at noon after a several month period of being out of service. OEC-25 was taken off-line last night due to a fuse problem. OEC-11 will be taken down for some vibration checks, after OEC-25 is back in service.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True, Thermasource, and Hot Hole finished the mechanical integrity testing of True's well KA1-1 on Sunday evening rather than Saturday, because of minor problems with the logging tools. Preliminary results show no problems with the well.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: JS DATE: 11-3 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 10/26/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

RECEIVED
94 NOV 1 AM 11:17
DLNR OCEA
LAND DISPOSITION

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 26, 1994 **LAST REPORT DATE:** 10/25/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, CON)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0700hrs was 27.5MW gross and 25.4MW net with 9 OEC units in operation. Work continues on the turbine of OEC-11.

CONCERNS: There have been a number of noise complaints at night, starting last weekend. Many of these complaints came from people who are not involved in anti-geothermal activity

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True's consultants, ThermaSource, are expected to mobilize services and equipment for logging of well KA1-1 starting on Friday, 10/28/94. The actual logging will start on Saturday, 10/29/94.

CONCERNS: Since wellhead pressure is zero at this time, no H_2S is expected to be release from the lubricator upon initial entry to the well. However when removing the logging tools from the well there may be H_2S that has been "dragged" up the well by the action of the wireline.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ISION OF WATER AND LAND DEVELOI NT

FROM: _____ DATE: 1/-3 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 11/2/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

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94 NOV 3 P12:09
DAN. OF NAT. RES. & LAND DEVELOPMENT

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: November 2, 1994 LAST REPORT DATE: 11/1/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0630hrs was 25.6MW gross and 23.4MW net with 9 OEC units in operation. Maintenance is working on OEC-13.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: [illegible] DATE: 10-18 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		Jm		
		Janet		
		Chm		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

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RICK EGGED
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TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
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91 OCT 28 P12:28
DEP. OF WATER & LAND DEVELOPMENT

DATE: _____

TO: ALLAN KAWADA, NEAL YOKOTA AND BILL COOK FAX # _____

FROM: _____ FAX # (808) 933-4602

SUBJECT: NEWS CLIPPING(s) FOR YOUR REVIEW AND INFORMATION

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) _____. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

HA 10/27/94

Geothermal firm hit with $502,742 lien

By Hugh Clark
Advertiser Big Island Bureau

HILO, Hawaii — A $502,742 mechanic's lien for an unpaid bill has been filed in Circuit Court by an Oklahoma drilling firm against troubled Puna Geothermal Venture.

Parker Drilling Co. of Tulsa says $300,000 in fees are past due for work it did on the Kapoho State-9 production well last summer.

PGV officials, including Lynn White, now the general manager, said the firm has a "cash flow problem." The company is already beset by community critics and state and county regulators.

According to financial manager Barry Mizuno, the costs of the repairs to the well were far more than the firm had anticipated. The company is working on a payment schedule with Parker.

The work, meanwhile, was successful and PGV is now supplying its full 25 megawatts of generation to Hawaii Electric Co. as a result of the new piping Parker installed.

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 10/27/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 27, 1994 LAST REPORT DATE: 10/26/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0645hrs was 25.1MW gross and 23.1MW net with 9 OEC units in operation. OEC-11 steam turbine is still the highest priority maintenance job for today.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: Work continues preparing for mechanical integrity testing of well KA1-1 starting on Saturday, 10/29/94.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ıVISION OF WATER AND LAND DEVELC .ENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	SA	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	hm	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
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___	___	A. Yim	___ File	
___	AJ	Jon		
___	___	JANET		
___	___	Chuck		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

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DIRECTOR

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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 10/26/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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94 OCT 27 P12:33
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DIV OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 26, 1994 **LAST REPORT DATE:** 10/25/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, CON)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0705hrs was 27.5MW gross and 25.4MW net with 9 OEC units in operation. Work continues on the turbine of OEC-11.

CONCERNS: There have been a number of noise complaints at night, starting last weekend. Many of these complaints came from people who are not involved in anti-geothermal activity

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True's consultants, ThermaSource, are expected to mobilize services and equipment for logging of well KA1-1 starting on Friday, 10/28/94. The actual logging will start on Saturday, 10/29/94.

CONCERNS: Since wellhead pressure is zero at this time, no H_2S is expected to be release from the lubricator upon initial entry to the well. However when removing the logging tools from the well there may be H_2S that has been "dragged" up the well by the action of the wireline.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

.ISION OF WATER AND LAND DEVELOi NT

FROM: _____ DATE: 10/ 5 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
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___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ____ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

			FOR YOUR:
___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

NICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
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RECEIVED
OCT 21 P3:55
DIV OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 10/12/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 12, 1994 LAST REPORT DATE: 10/11/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James R. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0745hrs was 27.6MW gross and 25.3MW net with 9 OEC units in operation. OEC-11 remains down for maintenance.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 10/13/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 13, 1994 **LAST REPORT DATE:** 10/13/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0744hrs was 28.5MW gross and 26.3MW net with 9 OEC units running. OEC-11 will be started again today for tests.

CONCERNS: The Southwest monitoring station alarmed early this morning at 0136hrs with a 5.1ppb hourly average alarm. Checks of the area with portable monitors at 0140hrs showed no elevated levels of H_2S. Indications in the computer stored record show this may have been a calibration spike.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: As of yesterday, Barnwell still has equipment and materials at the site of the now plugged Lanipuna No. 1 well. Their drilling rig is parked on the HGP-A site.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 10/13/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 13, 1994 LAST REPORT DATE: 10/13/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0744hrs was 28.5MW gross and 26.3MW net with 9 OEC units running. OEC-11 will be started again today for tests.

CONCERNS: The Southwest monitoring station alarmed early this morning at 0136hrs with a 5.1ppb hourly average alarm. Checks of the area with portable monitors at 0140hrs showed no elevated levels of H_2S. Indications in the computer stored record show this may have been a calibration spike.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: As of yesterday, Barnwell still has equipment and materials at the site of the now plugged Lanipuna No. 1 well. Their drilling rig is parked on the HGP-A site.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 10-15 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
✓	___	L. Nanbu	✓ Call	
___	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___				
___				

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
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DIV. OF WATER & LAND DEVELOPMENT

DATE: 10/20/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 20, 1994 LAST REPORT DATE: 10/19/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0725hrs was 30.2MW gross and 28.5MW net with 9 OEC units in operation.
Maintenance will work on the emergency diesel generator today.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 10/19/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

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94 OCT 24 A10:42
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SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 19, 1994 **LAST REPORT DATE:** 10/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0650hrs was 29.5MW gross and 27.3MW net with 9 OEC units in operation.

The makai sulfa-treat vessel is down for removal of the spent H_2S removal material. The material is being removed by hydroblasting.

CONCERNS: None at this time.

TRUS GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

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94 OCT 24 A10:42
DIV. OF WATER & LAND DEVELOPMENT

DATE: 10/18/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 19, 1994 LAST REPORT DATE: 10/18/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0650hrs was 29.5MW gross and 27.3MW net with 9 OEC units in operation.

The makai sulfa-treat vessel is down for removal of the spent H_2S removal material. The material is being removed by hydroblasting.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR
JEANNE K. SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

FAX TRANSMITTAL

DATE: 10/18/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-CPO, HARRY KIM,
HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: October 18, 1994 **LAST REPORT DATE:** 10/17/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0815hrs was 28.3MW gross and 26.1MW net with 9 OEC units in operation. OEC-11 remains down for maintenance.

CONCERNS: There was one in-plant alarm yesterday during the changing of oil in a subsystem on one of the non-condensible gas compressors. There was not noticeable increase in H_2S levels at the permanent monitoring stations.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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DATE: 10/17/94

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HAROLD MATSUURA

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SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 10/12/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
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FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 12, 1994 LAST REPORT DATE: 10/11/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0745hrs was 27.6MW gross and 25.3MW net with 9 OEC units in operation. OEC-11 remains down for maintenance.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

94 OCT 24 AM 10:33

FAX TRANSMITTAL

DATE: 10/11/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 11, 1994 LAST REPORT DATE: 10/10/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0630hrs was 23.5MW gross and 21.5MW net with 7 OEC units in operation. OEC-11 remains down, OEC-24 was taken off-line for planned maintenance today, and OEC-15 tripped this early morning and will require some maintenance work before going back on-line.

CONCERNS: There was one in-plant H_2S alarm last night, but there was no evidence of increase in H_2S levels at the permanent monitoring stations.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
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94 OCT 26 P12: 16
DIV OF WATER & LAND DEVELOPMENT

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DATE: 10/25/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: October 25, 1994 **LAST REPORT DATE:** 10/24/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0620hrs was 24.3MW gross and 22.1MW net with 9 OEC units in operation. The turbine of OEC-11 is still undergoing tests.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

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94 OCT 26 P12:18
DIV. OF WATER & LAND DEVELOPMENT

DATE: 10/25/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: October 25, 1994 **LAST REPORT DATE:** 10/24/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0620hrs was 24.3MW gross and 22.1MW net with 9 OEC units in operation. The turbine of OEC-11 is still undergoing tests.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DOWALD PUBLICATION ROUTE SLIP

M. TAGOMORI

G. AKITA
H. Young
T. Kam
S. Yong
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T. Nakama
J. Swift
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Y. F. Xu

E. LAU
A. Monden
A. Yim
S. Agraan
K. Chung
M. Emiliano

L. CHANG
~~G. Miyashiro~~
D. Lee
D. Imada
E. Yuasa
S. Lee
J. Menor
~~G. Morimito~~

Chris D. (last) save geo articles

Hawaii Tribune - Herald, Tuesday, October 25, 1994

PGV suffers 'cash-flow' problems

❑ Oklahoma drilling firm files lien for more than $500,000

By Crystal Kua
Tribune-Herald

Puna Geothermal Venture owes an Oklahoma drilling company more than $500,000 for work done on the KS-9 well this past summer, according to court documents.

But PGV is in the process of paying its bill and hopes to satisfy the debt during the first quarter of next year, a PGV official said yesterday.

Parker Drilling Co. on Friday filed an application for a mechanic's and materialmen's lien against PGV in Circuit Court.

The Tulsa, Okla., company said it entered into a contract with PGV on July 1 to provide "skill, labor, materials equipment and improvements" to make repairs to the KS-9 well, according to court documents.

But as of Oct. 3, PGV owed Parker $502,742.15, with more than $300,000 of it past due.

An Oct. 3 letter from Parker to PGV manager Lynn White indicated that PGV was having "cash flow problems," according to court documents.

PGV Financial Manager Barry Mizuno said the cost of the project was more than the company had anticipated.

Mizuno said PGV is setting up a payment schedule with Parker and hopes to have the debt repaid by early next year.

A casing problem 400 feet below the surface of KS-9 was discovered in April. "It could restrict the steamflow," Mizuno said.

The problem led to PGV reducing the power plant's output from 25 megawatts to about 17 megawatts, Mizuno said.

The work by Parker, which lasted from late July through August, involved drilling through the section that was damaged and installing new piping, Mizuno said.

Once the work was completed, PGV increased the power plant production back to 25 megawatts, Mizuno said.

"I don't think our work created any noise anything over and above normal," he said in response to a question about noise complaints from neighbors.

Star-Bulletin Wednesday, October 26, 1994

Contractor files for lien against Puna Geothermal

HILO — A contractor for Puna Geothermal Venture has filed in Circuit Court for a lien against the company to recover $500,000.

Parker Drilling Co. of Tulsa, Okla. filed for the mechanic's and materialmen's lien on Friday.

PGV contracted with the company to provide labor, materials and equipment for repairs made to the KS-9 well in July, according to court documents.

By Oct. 3, PGV owed Parker $502,742.15.

PGV Financial Manager Barry Mizuno said the repairs cost more than estimated. He said a payment plan has been worked out with Parker and the debt should be satisfied by next year.

Thursday, October 27, 1994 The Honolulu Advertiser

Geothermal firm hit with $502,742 lien

By Hugh Clark
Advertiser Big Island Bureau

HILO, Hawaii — A $502,742 mechanic's lien for an unpaid bill has been filed in Circuit Court by an Oklahoma drilling firm against troubled Puna Geothermal Venture.

Parker Drilling Co. of Tulsa says $300,000 in fees are past due for work it did on the Kapoho State-9 production well last summer.

PGV officials, including Lynn White, now the general manager, said the firm has a "cash flow problem." The company is already beset by community critics and state and county regulators.

According to financial manager Barry Mizuno, the costs of the repairs to the well were far more than the firm had anticipated. The company is working on a payment schedule with Parker.

The work, meanwhile, was successful and PGV is now supplying its full 25 megawatts of generation to Hawaii Electric Co. as a result of the new piping Parker installed.

–Hawaii Tribune - Herald, Tuesday, October 25, 19

Thousands in Puna lose power

A short circuit in a lightning arrestor caused a loss of electricity for 4,471 Hawaii Electric Light Co. customers in lower Puna yesterday, a Helco spokesman said.

Army Curtis said the failure of a lightning arrestor at the utility's Puna substation automatically resulted in the power being cut on the 34,000-volt line going to lower Puna.

Curtis said the outage occurred at about noon. Power to all customers was restored by 1:25 p.m.

Curtis said some of the customers mistakenly blamed Puna Geothermal Venture for the outage. He said PGV was "swamped" by callers wanting to know why the geothermal company had cut off its power.

Curtis said PGV had nothing directly to do with the outage which was strictly a transmission problem.

Meanwhile, Helco officials are breathing a little easier after enduring several shortages in generation capacity over the past several weeks.

Two large generators, a combustion turbine in Kona and a steam generator at the former Hilo Coast Processing Co., are operating again after completion of scheduled overhauls, Curtis said.

Because the maintenance left Helco with a small margin of electrical supply over demand, the failure of a smaller unit at the Shipman several times this month left the utility warning about the possibility of rolling blackouts.

Curtis said the return of the big generators to service means Helco has a surplus capacity of about 15 megawatts. While that is an improvement, it is still not enough to cover the unexpected loss of any of the company's four or five largest generators, he said.

West Hawaii Today, Wednesday, October 26, 1994 -

Power plant back on line

A routine, one-month maintenance project for the power plant at Hilo Coast Processing Company is complete.

The plant, which has the ability to produce 18 to 20 megawatts for the Big Island power grid, went back on line Saturday, according to a written statement from HCPC dated Tuesday.

The maintenance project turned up no unexpected problems and included a major overhaul of the turbine generator, said Niel O'Brien, HCPC power plant superintendent.

"We found the turbine and boiler to be in excellent condition," he said.

The power plant formerly used bagasse from the HCPC sugar factory to generate power, but now uses a low-sulfur, washed coal imported from Australia.

Some alterations to the plant, designed for greater efficiency and a cleaner operation, were completed during the process.

The 20-year-old plant is taken off-line every year for routine maintenance and a major overhaul once every five years.

This year's major overhaul was delayed several weeks at the request of Hawaii Electric Light Co. because of a power shortage on the Big Island.

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	~~G. Akita~~	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
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___	___	Jan		
___	___	Janet		
		Chuo		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 17, 1994 **LAST REPORT DATE:** 10/13/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0720hrs was 38.1MW gross and 26.0MW net with 9 OEC units running. The majority of the resource production is from well KS-9 with well KS-10 producing about 10% of that amount.

CONCERNS: Over the weekend there were some false alarms at the monitoring stations, which, when field checked by roving monitors, showed no elevated levels of H_2S.

TKUK GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DOWALD PUBLICATION ROUTE SLIP

M. TAGOMORI

G. AKITA
H. Young
T. Kam
S. Yong
C. P. Chang
T. Nakama
J. Swift
J. Florez
M. Tanouye
Y. F. Xu

E. LAU
A. Monden
A. Yim
S. Agraan
K. Chung
M. Emiliano

L. CHANG
~~G. Miyashiro~~
D. Lee
D. Imada
E. Yuasa
S. Lee
J. Menor
~~G. Morimoto~~

- West Hawaii Today, Thursday, October 13, 1994

County preparing search for water manager

By JASON ARMSTRONG
West Hawaii Today

HILO — A new county water manager will be sought beginning Sunday and selected by Dec. 6 from a field of applicants whose names will become public record, the Water Commission ruled Wednesday.

Commissioners held the special meeting to determine how to choose a successor to William Sewake, who recently announced he will retire Dec. 31 to receive two years of credited public service.

Advertisements describing the requirements for the $75,000-a-year-job will appear in local newspapers Sunday, Wednesday and the following Sunday. Three finalists will be selected Nov. 22 and then interviewed by the commission Dec. 6, according to its adopted procedure.

Only registered engineers who have at least a year of Hawaii residency can become head of the semi-autonomous Department of Water Supply, according to state and county regulations. Commissioners will favor applicants who also have at least four years of administrative experience, familiarity with the rules of county government and knowledge of federal water standards.

Commissioners debated whether to make available for public review the names of all applicants or just the three finalists.

"We're not here to hide anything," said Chairman Sidney Lee. "I would divulge everybody's names."

The job advertisements and application forms will state that the "names of applicants shall be public record," according to the commission's unanimous ruling.

Commissioner Fred Yamashiro reluctantly agreed that all names should be available to the news media and general public. Disclosure will place those applicants not selected at risk of retaliation from their current employers, he said.

"There's a chance that the most qualified person in the world is not going to apply," Yamashiro said.

Commissioner Debra Makaweo said that scenario is highly unlikely. She said only "timid" applicants would oppose public scrutiny, while adding those respondents would not be the most desirable anyway.

"I don't see any legal basis for not disclosing the names," said Aaron Chung, deputy county corporation counsel assigned

See WATER
Page 4A

...Water manager sought to replace Sewake

From Page 1A

to advise the commission. "I don't think it's going to violate anybody's privacy rights."

Each of the nine commissioners will review the resumes and pick one applicant for every 30 who apply, according to the selection procedure. Those chosen will then be rated on a scale of one-to-10, with the top six to be picked as semi-finalists. The commission will then select three finalists based solely on the strength of each applicant's cited experience and qualifications.

Finalists will be offered private interviews, while each should have identified a possible deputy manager before being interviewed, Lee said.

The scheduled Dec. 6 question session will be the first time commissioners will meet the finalists. If at any time commissioners unanimously vote for one applicant, he or she will automatically become the next county water manager, Lee said.

The commission could conceivably select an applicant it has never met. Chung agreed that occurrence will be possible, albeit improbable.

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DIV. OF WATER &

Sunday, October 9, 1994 The Honolulu Advertiser

Wahiawa sewage files subject of subpoena

A federal grand jury investigating nonbid contracts and political contributions at City Hall reportedly has subpoenaed records from the city Finance Department concerning a wastewater project in Wahiawa.

The records were delivered Wednesday, according to television station KITV.

The subpoenaed documents include contracts awarded to engineering consultants GMP Associates and Calvin Kim and Associates, according to the station's report.

Campaign spending records show that GMP Associates contributed $15,000 to former Mayor Frank Fasi's Best Party and $2,000 to Jeremy Harris' mayoral campaign. City Wastewater Management Director Kenneth Rappolt resigned and pleaded guilty in June to charges that he promised a sewer contract to a company if it donated to Fasi and Harris political campaigns.

October 13–19, 1994 Hawaii Kai Sun Press

Pipeline upgrades

HAWAII KAI — Several pipelines are being placed in Kamiloiki Valley to help upgrade water service to the area.

Contractor Mega Construction Inc. began installing the pipelines Monday, and work is expected to last until June 7, 1995.

According to the Board of Water Supply, the $290,000 project calls for an 8-inch pipeline to be installed along Kuahono Street from Lunalilo Home Road to Wainiha Street, and a 4- and 8-inch pipeline to be placed along Kipu Place to Lunalilo Home Road.

Upgrading the water main system should improve service by limiting "chronic main breaks" due to corrosive soils, BWS manager Kazu Hayashida said.

Wednesday, October 12, 1994 Star-Bulletin

NEWSWATCH

Toxins found in Waialua camp water

Traces of toxic chemicals have been found in drinking water at Waialua Sugar Co.'s camp Kawailoa on the north shore.

State health officials say two substances — 1,2,3-Trichloropropane (TCP) and 1,2-Dibromo-3-Chloropropane (DBCP) — were found at levels well within safety limits.

TCP is found in some pesticides, as well as in paint removers, degreasing agents and gasoline additives. DBCP was used as a pesticide in pineapple cultivation before it was banned by the Environmental Protection Agency in 1985.

The TCP was measured at between 0.2 to 0.5 parts per billion. The state's safety standard is 0.8 parts per billion. The DBCP was measured at between 0.02 and .04 parts per billion; the safety standard is 0.04 parts per billion.

Both chemicals were detected in March but not revealed by the Department of Health until yesterday. Ellen Blomquist, a department spokeswoman, admits the department was slow in releasing some of the data.

"The department regrets the error and is going to take steps to see that it never occurs again," she said.

The health department yesterday announced it has also detected the solvent trichloroethylene (TCE) in trace amounts in Honolulu Board of Water Supply's Waialua Pumps 1 and 2.

TCE at levels between 0.2 to 0.5 parts per billion was found in Pump 2 in July and confirmed in September. Federal and state maximum contaminant levels for TCE are 5 parts per billion.

Wetland:

Ducks Unlimited set to start restoration of Hamakua marsh

By ELOISE AGUIAR
News Editor

KAILUA — Restoration of the wetland next to Hamakua Drive began this week and should be completed within 30 days, according to Andrew Engilis, spokesman for the wildlife preservation group organizing the project.

Ducks Unlimited joined Kaneohe Ranch, the U.S. Fish and Wildlife Service and the state to protect that portion of the marsh, Engilis said. Kaneohe Ranch, which owned the 22-acre parcel, completed its donation of the land to Ducks Unlimited last month.

Ducks Unlimited will coordinate the restoration, which includes removing alien plants, taking the cattle out and erecting a predator-proof fence. Mangrove and Indian fleabane, two invasive plant species, are targeted for removal, said Ronald Walker, state wildlife program manager. The plants choke the wetland, he said, and reduce its value to native water birds.

"The completion of this project is a major step toward providing a wetland refuge complex on Oahu that will include future state efforts at Heeia and Kawainui marshes," Walker said.

The project area is small but significant because it connects a larger system (Kawainui Marsh) to Kaelepulu Stream, which flows out to the ocean. The highly visible Hamakua Drive marsh is also important for public appreciation, he said.

"We see it as a model wetland habitat. It's a place you can drive right up, step out of the car and see — if you're lucky — four endangered water birds."

The marsh is home to the Hawaiian duck (Koloa), stilt, moorhen and coot. Other migratory shorebirds and waterfowl also frequent the area, Walker said.

The project marks the first time that a private non-profit organiza-

See WETLAND on A-10

October 13–19, 1994 Windward Sun Press

Wetland's principals unite on refuge plan

See WETLAND from A-1

tion (Ducks Unlimited), a private land owner, and state and federal agencies have formed a partnership in an effort to protect a Hawaiian wetland.

Kaneohe Ranch began working with the preservation group in 1990, according to Randolph Moore, the ranch's chief executive officer. Ranch officials recognized the marsh's importance to the people of Kailua and Hawaii and sought long-term preservation, Moore said.

"I think it's a wonderful thing that Ducks Unlimited is doing," he said, "and I'm pleased they have educated us to the environmental significance of wetlands. If Ducks Unlimited hadn't been around, we probably wouldn't have done this."

A $100,000 grant from the Fish and Wildlife Service will pay for the restoration. Once the area is restored, Ducks Unlimited will donate the property to the state to manage as a wildlife sanctuary.

Ducks Unlimited's mission in the islands is to protect and restore vital wetland habitats that are essential for the recovery and maintenance of native, endangered water birds, migratory waterfowl and shorebirds, Walker said.

"Ducks Unlimited is filling an important niche in the conservation of Hawaii's natural habitats," he said, "by providing expertise, resources and revenue to protect and restore wetlands."

The organization also has completed projects on Kauai and the Big Island, protecting more than 100 acres of wetlands and associated uplands.

Court clears way for Laie's preferred sewage treatment plan

Where there's a problem, more often than not, the community can come up with a solution.. Or so Hawaii Reserves Inc. reasoned when it looked to community residents for input and asked them to decide on the best plan for a larger sewage treatment system in Laie.

Fonoimoana

And so it is encouraging to see a small, tightly-knit community like Laie take up arms against an independent, outside environmentalist group to get a sewage treatment plant it wants. Hawaii Reserves has worked hand-in-hand with Laie residents to support a community-based plan instead of a less desirable plan promoted by environmentalists with less invested in the people and community of Laie.

The sewage issue in Laie went all the way to the federal District Court, and last week, the court cleared the way for Hawaii Reserves to pursue the community's plan.

The Citizens Advisory Group decided that expanding and upgrading the current plant is the best choice. The environmentalists' plan was simply too over-grown and expensive for Laie. This was acknowledged when the capacity requirement for the new plant was reduced from 1.5 million gallons per day to 0.9 mgd.

Laie residents are the big winners of the court's decision. First, the community's proposal is a smaller plant that uses less land, so it can be expanded on the existing site.

Second, the community's plan will save millions in construction costs compared to starting from scratch as the environmentalists wanted to do.

Third, the community plan is environmentally safe and can be up and running soon. And finally, the plant upgrades will produce a clean effluent with several means of disposal.

While the court cleared the way to pursue the community's plan, it also instructed Hawaii Reserves to pay monetary penalties for missing court deadlines for the construction of a new sewage plant. However, these penalty fines will not be paid to an outside party or agency. Instead, the money will be put into the installation of low-flow water-saving devices and other sewage-related improvements.

Laie's sewage issue is only part of a larger disposal problem in Hawaii that must be addressed. In this case, Hawaii Reserves encouraged input and Laie responded. Perhaps we all need to learn a lesson from the community-minded residents of Laie.

LUCKY FONOIMOANA
General Manager, Hawaii Reserves Inc.

Geothermal protestors take complaints to mayor

By JASON ARMSTRONG
West Hawaii Today

HILO — Geothermal protestors Tuesday again demanded the county immediately close a private power plant that is "killing" them, but only received promises of possible relocation away from their lower Puna homes.

Two dozen members of the Big Island Rainforest Action Group vented their prolonged frustrations at the county's managing director and geothermal compliance coordinator during an hour-long meeting. Unhappy with the county's refusal to close Puna Geothermal Venture's Pohoiki for health and safety reasons, several brought their complaints straight to Mayor Stephen Yamashiro.

They alleged the death two weeks ago of 66-year-old Burton "Bud" Brees is just the first of many that eventually will be linked to persistent leaks at the 25-megawatt plant.

"What you're doing, basically, is you're killing us, period," said Bob Petricci, who lives in Leilani Estates subdivision abutting the facility. Petricci said he, like many area residents, recently develops cysts. He removed two, only to have three more appear on his head and armpits.

Petricci handcuffed his right wrist to an office end table and refused police warnings to leave Yamashiro's office when the building was locked at 5 p.m. Police later cut the handcuffs and carried Petricci, 39, from the building.

Petricci and David Goldsmith, 28, of Keaau were each cited by police for simple trespass and released to attend a Nov. 9 court date, police announced in a written statement.

Yamashiro accused some of the most vocal geothermal critics of blocking proposed legislation that sought to allow the county authority to finance a public relocation program.

"I've taken the position I'm not going to close down the plant," Yamashiro told angry residents. "Preserving an indigenous source of energy for the people of this island is very important."

The facility is capable of powering about 25,000 homes.

Yamashiro said he will seek Hawaii County Council approval to use geothermal royalties to help relocate anyone living within one mile of the PGV facility. "There are a number of people in and around the plant who do not have any problems," he said.

The county, however, has yet to receive any of the roughly $140,000 in royalties it is owed by PGV, said Bill Davis, county managing director.

Jim Albertini, BIRAG spokesman, said Yamashiro should send PGV "packing" rather than seek to relocate ailing residents.

"The mayor has his priorities upside down," Albertini said. "He wants to replace current victims with new victims willing to be poisoned to death without complaining."

Yamashiro said any purchased homes could later be sold with clear disclaimer while adding the relocation program would be strictly voluntary.

Jon Olson, president of the Lani Puna Gardens Community Association, said all residents living within a four-mile radius of the plant must be moved to safeguard against a worst-case accident. The comprehensive relocation would cost between $750 million and $1 billion, he said.

Olson questioned how the county could justify floating bonds to "absorb the liability of a private industry."

LUC gives Lanai Co. less than it wanted

Balance depends on water sources, fulfilling obligation

By TIMOTHY HURLEY
Staff Writer

LANAI CITY — The Lanai Co. won the right to build luxury homes here Thursday, but not as many as it wanted — at least not yet.

The state Land Use Commission, in a 7-1 vote at ILWU Hall, approved the reclassification of only 174.5 acres at Manele from agricultural and rural districts to urban designation.

In its ruling, the commission said the remaining 144.5 acres of a proposed 319-acre project would not be reclassified until new sources of water are found and the company follows through with government-imposed conditions.

Lanai Resort Partners, a subsidiary of Dole Food Co. Inc., also was given at least two years' use 150,000 gallons of brackish water a day from the high-elevation aquifer at Palawai Basin, the island's only source of drinking water. The water can be used for golf-course irrigation and landscaping.

After the vote, David Murdock, chairman and CEO of Dole Food, said he and other company officials would have to take a closer look at the conditions before deciding to proceed with development.

The company had wanted to develop 775 luxury homes to help subsidize the resorts, which are losing as much as $40 million a year.

Alan Murakami, attorney for the citizens group Lanaians for Sensible Growth, expressed disappointment with the commission's decision, saying that permitting the company to tap into the island's only source of drinking water isn't prudent.

During closing arguments on an issue that has been before the commission for months, both sides urged commissioners to look at "the bigger picture."

James Funaki, Lanai Resort Partners attorney, said the company is only working with the best interests of Lanai's 2,800 residents in trying to develop an economically viable industry following the demise of pineapple. Funaki said construction of luxury homes is essential to making the luxury hotels at Manele and Koele economically viable.

The Lanai Co. had made a $400 million investment in Lanai tourism, and has lost $178 million already, he said.

Funaki said the company, which owns 98 percent of the island, has been providing for the needs of the community by donating land, granting affordable housing subsidies, giving out scholarships, and the like.

During the hearing, state and county officials also presented testimony in support of the proposal.

On the other side, Murakami said Lanaians were never consulted about the decision to turn a plantation of pineapple into a plantation of resorts.

"The community never asked for this: a two-hotel economy," he said.

Murakami said the Lanai Co. used its failing investment as an excuse to develop its golf courses, and "this appears to be more of the same — hopes and great expectations."

Murakami said Lanai Co. has not dealt with the community in good faith. "This is the home of an economic tyranny. Lanai has been dominated and controlled economically for more than eight decades. The community will not tolerate continued domination without a benefit to the community," he said.

Among the conditions imposed by the commission is a requirement to provide 50 acres for Hawaiian homestead land. Native Hawaiians, however, have asked for 5,000 acres.

When the commissioners meet again today, they expect to take up the issue of a 1991 condition that prohibited the company from tapping into the island's high-level aquifer.

Lanai Co. violated the condition after failing to develop alternative sources of water for golf-course irrigation. It had asked for an amendment to the condition.

Also, the company has been ordered to show cause why certain lands shouldn't revert to their former agricultural and/or rural land-use classification, or be changed to a more appropriate classification.

The commissioners also are expected to consider a hearing requested by Lanaians for Sensible Growth on whether the company violated conditions attached to an earlier land reclassification at Manele.

The group alleges the company has failed to provide a 100-acre agricultural park with sufficient water, has ignored a requirement to keep coastal trails open, and has degraded off-shore water quality by failing to prevent the erosion of tons of imported sediments used for golf-course construction.

Richard Brock, a Honolulu marine and fisheries biologist and consultant to Lanai Co., testified Thursday that Lanai's near-shore waters have not been affected by the Manele Resort and its construction.

SION OF WATER AND LAND DEVELOPI T

FROM:_____ DATE:_____ FILE IN: Oct 12, 94

TO:	INIT:		PLEASE:	REMARKS:
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___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
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✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
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___	___	D. Lee	___ Xerox ___ copies	
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			✓ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

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TO: JEANNE SCHULTZ/TAK YOSHIHARA
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HAROLD MATSUURA

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FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 10, 1994 LAST REPORT DATE: 10/7/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0715hrs was 28.5MW gross and 26.5MW net with 9 OEC units in operation. OEC-11 generator has been reinstalled, but PGV is having problems with the steam turbine.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: The well cellar of Lanipuna-1 well has been back-filled and most of the equipment has been removed from the site.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR
JEANNE K. SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 OCT 12 A9:30
DIV. OF WATER & LAND DEVELOPMENT

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HAROLD MATSUURA

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GEOTHERMAL MORNING STATUS REPORT

DATE: October 11, 1994 LAST REPORT DATE: 10/10/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0610hrs was 23.5MW gross and 21.5MW net with 7 OEC units in operation. OEC-11 remains down, OEC-24 was taken off-line for planned maintenance today, and OEC-15 tripped this early morning and will require some maintenance work before going back on-line.

CONCERNS: There was one in-plant H_2S alarm last night, but there was no evidence of increase in H_2S levels at the permanent monitoring stations.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Hawaii Tribune - Herald, Wednesday, October 12, 1994

—T-H photo by William Ing

REMOVED — Geothermal protestor Bob Petricci yesterday is removed by police from Mayor Steve Yamashiro's office. Petricci had chained himself to a table inside the office's waiting room.

Protesters occupy mayor's office

❑ Police arrest two geo opponents for refusing to leave

A meeting between county officials and opponents of geothermal development ended up in the arrest of two protesters who refused to leave the mayor's office.

The meeting began about 2 p.m. with about 20 geothermal opponents airing their grievances to county Managing Director Bill Davis and Jim Moulds, whose job it is to ensure that Puna Geothermal Venture is meeting the requirements of its operating permit.

The meeting in the County Councilroom was orderly, if somewhat heated, until near the end when one protester repeatedly shouted accusations of "murderer" at Moulds. The protester, Gary Alexander, said he was blaming Moulds for the recent death of Bud Brees, a neighbor of the PGV plant in Pohoiki, to a heart attack.

Brees earlier this year staged a protest in the mayor's office that resulted in his arrest. Brees said at the time he was trying to draw attention to the fact he was suffering poor health worsened by geothermal fumes but could not leave the area because he was unable to sell his house.

Some of the protesters then moved down the hall to the office of Mayor Steve Yamashiro who had been attending meetings. More discussions ensued after which two protesters, Bob Petricci and David Goldsmith, refused to leave the office.

Before the meeting with Yamashiro, Petricci, 39, of Leilani Estates chained himself to a table in the office waiting room. He was cut loose by police and carried out of the office.

Both Petricci and Goldsmith, 28, of Keaau were released in front of the county building.

They are scheduled to appear in Hilo District Court Nov. 9.

Hawaii Tribune - Herald, Thursday, October 20, 1994

PGV gets tissue samples from an alleged victim

❑ Court awards split of autopsy tissues for analysis by lab

By Crystal Kua
Tribune-Herald

Puna Geothermal Venture has received a court order to immediately obtain a portion of tissue samples taken from the body of a Lanipuna Gardens man who died after suing the company, according to court records.

Burton "Bud" Brees, 66, collapsed in his home and died on Sept. 29 of an apparent heart attack.

Brees had said that his doctor told him that alleged fumes from the nearby PGV plant in Pohoiki exacerbated his already ailing heart and lungs and that he would be dead within a year if he didn't move.

But Brees became frustrated when he couldn't sell or rent his home because of its proximity to the plant which was built after Brees moved into the neighborhood.

To bring attention to his plight, Brees went to the Mayor's Office in July, plopped his portable cassette recorder on the counter and put on blaring Hawaiian music.

He was arrested for disorderly conduct but he died before going to trial which had been scheduled for later this month.

Prior to his death, Brees and his wife filed a personal injury lawsuit against PGV.

After hearing about Brees' death, PGV's attorneys found out that tissue samples were taken from Brees' body during an autopsy conducted at Hilo Medical Center, according to an affidavit by a PGV attorney.

The affidavit said the tissue samples were then sent by the Brees' personal physician to the AccuChem laboratory in Texas "for the purposes of attempting to establish a connection between Mr. Brees' death and PGV's alleged emissions."

PGV's attorneys then tried to obtain their own samples but by the time they had tracked down the body, it had already been embalmed, rendering it useless for testing, according to court records.

PGV initially filed their emergency motion for a temporary restraining order "to prevent sampling, destroying or discarding" of the tissue, according to court records.

But during a telephone hearing last week before Circuit Judge Greg Nakamura, PGV attorney Margery Bronster asked for 50 percent of the samples so the company's designated expert could conduct independent tests on them, according to court documents.

Brees' attorney, Ken Carlson, told the judge that the splitting of the samples was already being done, according to court documents.

PGV's samples will be sent to a doctor at Kapiolani Medical Center in Honolulu for testing.

The court order also requires the samples to be shipped so that they not be damaged during the travel.

Hawaii Tribune - Herald, Monday, October 17, 1994

HGP-A well may be plugged

The HGP-A geothermal well in Pohoiki may be permanently plugged, according to a statement released Friday by the Natural Energy Laboratory of Hawaii Authority.

A temporary plug will be installed in the next few weeks, followed by a permanent plug installed after funds are obtained from the state Legislature, the statement said.

The 19-year-old well has been inactive since 1989 except for seismic and geothermal reservoir monitoring. Its primary purpose was research and development leading to the commercialization of geothermal resources available in Puna.

With Puna Geothermal Venture's 25-megawatt commercial plant now in operation, HGP-A's primary purpose has been completed, and plugging the well will help ensure safety, the statement said.

West Hawaii Today, Monday, October 17, 1994

HGP-A well to be plugged

The Natural Energy Laboratory of Hawaii Authority (NELHA) announced Friday that steps are being taken to plug the Hawaii Geothermal Project-Abbott (HGP-A) geothermal well in Puna, beginning with a temporary plug to be installed within the next few weeks, followed eventually with a permanent plug installed after funds are obtained from the state Legislature.

The 19-year-old well has been inactive since 1989, except for seismic and geothermal reservoir monitoring. The primary purpose of the HGP-A well was to pursue research and development leading to the commercialization of geothermal resources available in Puna.

With the establishment of Puna Geothermal Venture's 25-megawatt facility, the primary purpose of the HGP-A well has been completed, and the temporary plug is being installed as a prudent measure to isolate the geothermal reservoir from the surface and ensure the well's safety, pending its permanent plugging and abandonment, according to the written release.

—Hawaii Tribune - Herald, Sunday, October 16, 1994

Saiki clarifies geo stand

Please allow me to clarify my position with regard to geothermal energy as reported in a recent questionnaire and interview with the Tribune-Herald.

I personally feel we should pursue and invest in alternate energy sources, such as geothermal, in order to reduce our dependence on imported oil. My "no" response to geothermal was due to the open-ended question "Do you support further development of geothermal power on the Big Island?" I pointed out that further development could mean unlimited development, including laying statewide transmission cables. However, if the people of the Big Island want to further expand geothermal for their own use, the answer is "yes".

The residents of the Big Island should know that I am a firm believer in home rule, and I would not presume to act on geothermal, the spaceport, prison or aviation training center without consulting with them and their elected officials.

Thank you for this opportunity to set the record straight.

Patricia Saiki
GOP Gubernatorial candidate

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 10/11/94 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	HY	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
___	___			

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE K. SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11 th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2423 Fax: (808) 586-2377

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94 OCT 11 A10:55
DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: _____

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM,
HAROLD MATSUURA

FAX # _____

FROM: DBEDT - HAWAII ISLAND OFFICE

FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) _____. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 10, 1994 **LAST REPORT DATE:** 10/7/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0715hrs was 28.8MW gross and 26.5MW net with 9 OEC units in operation. OEC-11 generator has been reinstalled, but PGV is having problems with the steam turbine.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: The well cellar of Lanipuna-1 well has been back-filled and most of the equipment has been removed from the site.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 10/11/94 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	HY	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___	Jm		
___	___	Bnet		
		Chuck		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

NICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
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DIV. OF WATER & LAND DEVELOPMENT

DATE: 10/7/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 7, 1994 **LAST REPORT DATE:** 10/6/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0645hrs was 27.7MW gross and 25.8MW net with 9 OEC units running. OEC-11 will be given a trial run today as it has be down for an extended period for generator repair.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: Barnwell expects to have their equipment removed from the area today, with the cellar of Lanipuna-1 well filled with cinders.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Drawer 6
File #4

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: JS DATE: 10-7 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		for Jim		
		for Janet		
		Chuck		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 10/6/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 6, 1994 **LAST REPORT DATE:** 10/5/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0715hrs was 28.2MW gross and 25.9MW net with 9 OEC units running. OEC-11 is still down for maintenance.

Well KS-10 is producing approximately 60,000lbs/hr with well KS-9 producing the remainder.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: [illegible] DATE: 10/6 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	✓ Are we on Top of PA Lani 6?
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		J. Jon		
		Janet Chun		

note: Letter to Barnwell re: $50,000 bond for Lani Puna 6

FOR YOUR:	
	R. LOUI
	S. Kokubun

	Approval
	Signature
	Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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94 OCT 6 A10:57
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DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 10/5/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 5, 1994 LAST REPORT DATE: 10/4/94

TO: DISTRIBUTION (GOV. OFFICE, DOM, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0640hrs was 25.6MW gross and 23.3MW net with 9 OEC units running.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: Equipment arrival and availability has delayed the mechanical integrity testing of well KA1-1 until the end of October. Target date is now October 26th.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: The rig crew finished the plugging of the well last week. Rig demobilization is in progress this week. The crew has advised that the cellar will be filled with cinders and not removed as with the P & A procedures at PGV.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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DATE: 10/4/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 4, 1994 **LAST REPORT DATE:** 9/30/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 27.5MW gross and 25.4MW net with 9 OEC units running. OEC-11 is still undergoing maintenance.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DATE: 10/5/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-CPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: October 5, 1994 LAST REPORT DATE: 10/4/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0640hrs was 25.6MW gross and 23.3MW net with 9 OEC units running.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: Equipment arrival and availability has delayed the mechanical integrity testing of well KA1-1 until the end of October. Target date is now October 26th.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: The rig crew finished the plugging of the well last week. Rig demobilization is in progress this week. The crew has advised that the cellar will be filled with cinders and not removed as with the P & A procedures at PGV.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
___	___	G. Akita	___ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___	Jon		
___	___	Janet		
		Chris		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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DIV. OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 9/30/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 30, 1994 LAST REPORT DATE: 9/30/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0800hrs was 27.4MW gross and 25.1MW net with 9 OEC units running. OEC-11 will be restarted today after an extended generator repair.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: Drilling crews expect to finish setting the cement plugs today. Rig demobilization will start next week.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

RECEIVED
OCT 5 P2:25
DIV. OF WATER & LAND DEVELOPMENT

DATE: 10/4/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2. IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: October 4, 1994 **LAST REPORT DATE:** 9/30/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0730hrs was 27.5MW gross and 25.4MW net with 9 OEC units running. OEC-11 is still undergoing maintenance.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

SION OF WATER AND LAND DEVELOPI 'T

FROM: JS DATE: 10/1 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		Jim		
		Janet		
		Alvin		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th floor, Honolulu, Hawaii
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FAX TRANSMITTAL

RECEIVED
94 SEP 30 A10:41
DIV OF WATER & LAND DEVELOPMENT

DATE: 9/27/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GRO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 27, 1994 LAST REPORT DATE: 9/26/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0525hrs was 24.3MW gross 22.3MW net with 9 OEC units in operation. OEC-11 is still down for generator repair.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True expects to start logging of their well KA1-1 sometime after the first of October. Thermasource's Gerald Niimi will be in charge of this operation which will involve a mainland logging company. The logging will include temperature, pressure and spinner surveys. This will be done as part of True's agreement to turn the well over to DLNR for monitoring purposes.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
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94 SEP 29 A11:54
DIV OF WATER & LAND DEVELOPMENT

FAX TRANSMITTAL

DATE: 9/29/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 29, 1994 **LAST REPORT DATE:** 9/28/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0915hrs was 27.8MW gross and 25.4MW net with 9 OEC units in operation.

An alarm was generated yesterday at monitoring station "A", however roving monitors, who happened to be in the area at the time registered zeros on their meters. The conclusion was that the station had been registering high on ambient readings, and a small perturbation increased the level to the alarm point.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: The drilling crew had drill pipe in the Lanipuna-1 and the first cement plug pumped down the well by 0900hrs this morning. Actual plugging work is expected to be complete by tomorrow. Demobilization will be done next week.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKEHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2486 Fax: (808) 586-2482
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94 SEP 2 A11:54
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DATE: 9/30/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 30, 1994 LAST REPORT DATE: 9/30/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0800hrs was 27.4MW gross and 25.1MW net with 9 OEC units running. OEC-11 will be restarted today after an extended generator repair.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: Drilling crews expect to finish setting the cement plugs today. Rig demobilization will start next week.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 9-28 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		G. Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
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94 SEP 27 A10:19
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FAX TRANSMITTAL

DATE: 9/26/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: September 26, 1994 **LAST REPORT DATE:** 9/23/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0700hrs was 25.1MW gross and 23.0MW net with 9 OEC units in operation.

A car accident in Pahoa that downed a power pole resulted in a power interruption that caused problems with the permanent monitoring stations on Saturday night. These should be fixed today.

CONCERNS: When power outages occur in the PGV area, the permanent monitoring stations start reporting false alarms.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: The 9 5/8 inch casing has been cut off near the stub of the 13 3/8 inch casing and a nipple welded to the stub. A well head assembly will then be installed along with blow out prevention equipment. The rig is on site but has not yet been moved over the well.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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FAX TRANSMITTAL

DATE: 9/27/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
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JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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GEOTHERMAL MORNING STATUS REPORT

DATE: September 23, 1994 **LAST REPORT DATE:** 9/23/94

TO: DISTRIBUTION (GOV. OFFICE, DOM, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0645hrs was 23.9MW gross and 21.9MW net with 8 OEC units in operation. OEC-11 and OEC-13 are down. Both legs of well KS-9 are in operation and the well is producing approximately 400,000lbs/hr at this time.

Well KS-10 is expected to be brought on line today. It has been on bleed status (to well KS-1A) to keep it warm.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: Work on the plug and abandon procedure for well Lanipuna-1 was started yesterday, with the cleaning out of the cellar. Plans for today are to install a master valve, and blow out preventer (i.e. nippling up). The rig was expected to move from Kawaihae today.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

file "Soft general corresp."

JOHN WAIHEE
GOVERNOR
MURRAY E. TOWILL
DIRECTOR
BARBARA KIM STANTON
DEPUTY DIRECTOR
Takeshi Yoshihara
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

ENERGY DIVISION, 335 MERCHANT ST., RM. 110, HONOLULU, HAWAII 96813 PHONE: (808) 548-4080 FAX: (808) 531-5243

Chin (file)

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PLEASE DELIVER THE FOLLOWING PAGES TO:

NAME: ~~Dean Hakano~~ Janet

COMPANY: DLNR

FROM: Gerald Lesperance

DATE: SEP 27 1991 TIME: 3:15 pm

MESSAGE:

Total number of pages (including Transmittal Page): 11

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Deputy Director
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Deputy Director

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King Street, 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2377

VIA FAX

September 27, 1991

MEMORANDUM

TO: Dean Nakano, DLNR
Murray Gardner, GeothermEx

FROM: Gerald O. Lesperance

SUBJECT: Analysis of SOH Program Results

Attached is an analysis by K.P. Goyal, formerly with Thermal Power Co., and a member of Ralph Patterson & Associates who was our consultant.

The analysis appears to indicate a higher degree of permeability at SOH-4 and SOH-1 then we were initially led to believe.

Dean, I'd appreciate any comments you may have. Murray, under our contract, I'm requesting a "second opinion."

Gerald O. Lesperance

GOL/jms:225

MEMORANDUM

TO: Harry Olson, Don Thomas and Jerry Lesperance

FROM: K. P. Goyal-RCUH 4660066/kpg-7

SUBJECT: Analysis of SOH-1, SOH-2 and SOH-4 (Tasks 3 and 5)

DATE: September 10, 1991

CONCLUSIONS:

SOH-4, SOH-2, SOH-1 and KS-2 display sudden increase in temperature for 100'-200' over a depth interval of 4000' to 4900' as shown and high lighted in Figure 3. This appears to be an evidence of a single volcanic event. A special study of core lithology in SOH-4, 2 and 1 for the high lighted depth intervals may provide further insight to these observations and perceptions.

Permeability zones occur in all three SOHs between 4000' to 4400' (Figure 5). This suggests that a continuous zone is present for over a 6 mile distance from SOH-2 to SOH-4 (Figure 1). Excepting SOH-1, a temperature of 300 F -330 F is present in this zone. These temperatures are lower than over 600 F registered in Puna Geothermal Venture (PGV) and HGP-A wells (Figure 3). This suggests that vertical fracturing and upwelling of hot fluids in the vicinity of PGV and HGP-A site should be present. This is also consistent with the concept of cross faulting at this locale. Suppressed temperatures in SOH-1 can be the result of cold water inflow due to structural and hydrologic controls in the vicinity of this hole.

Presence of high temperatures below 6000' depth and permeable zones in SOH-2 and SOH-4 suggest that these holes are candidates for flow testing.

DISCUSSION:

The locations of the four SOHs, HGP-A Project and Puna Geothermal Venture are shown in Figure 1. A line AA' drawn through existing SOHs is also indicated in this figure. The borehole schematics of SOH-4, SOH-1 and SOH-2 are presented in Figure 2 to help analyze their temperature profiles.

Static temperature profiles of SOHs and some full size producers are presented in Figure 3. The temperature profile of SOH-2 is obtained about 48 hours after the hole completion. Therefore this survey may not represent the static reservoir temperatures. However, the surveys of all the three SOHs can still be compared

and analyzed.

Temperature Data:

1. A sudden increase in temperature is present in all three SOHs and the full size well KS-2 at the depth interval of 4000' to 4900' as shown and high lighted in Figure 3.

   In SOH-4, the temperature increased from about 335 F at 4400' to about 385 F at 4500'. The pressure profile in SOH-4 also displays a high gradient between 4000' and 4200' and a small gradient (vapor or two phase) from 4200' to 4400' (Figure 4). Isothermal temperature profile from 4000' to 4400' may indicate a permeable zone in this hole.

   SOH-2 exhibits a sudden temperature increase from about 355 F at 4800' to about 410 F at 4900' (Figure 3). No such change is observed in its pressure profile.

   Sudden temperature increases are observed in SOH-1 from about 155 F at 4050' to about 195 F at 4100' and from about 178 F at 4150' to about 200 F at 4300' (Figure 3). Pressure profiles at 100' intervals are needed in this hole to determine whether or not any pressure gradient changes are evident.

   Puna Geothermal Venture (PGV) well KS-2 also displays a sudden increase in temperature from about 550 F at 4200' to about 620 F at 4300'.

2. These changes in temperature which occurred over a depth interval of only 900' (from 4000' to 4900') need to be understood. Are these simply low permeability layers which represent heat transfer by conduction or something else? It is possible that the high temperature gradients may be related to a particular rock type which was deposited in the past during the same volcanic event. In that case, these profiles suggest the presence of a geological feature which extends from SOH-2 to SOH-4 for about 6 miles. A special study of core lithology in SOH-4, SOH-1 and SOH-2 for the high lighted depth intervals should help answer some of these questions.

3. The rocks belonging to a given volcanic eruption can be correlated better by depth (from the surface) than by elevation. In that case, the temperature/ pressure plots should be prepared with respect to depth rather than elevation in the KERZ.

4. For all practical purposes, SOH-4 and SOH-2 have similar temperatures below 4400' depth. However, the temperature gradient in SOH-2 is slightly higher than in SOH-4 (Figure 3). SOH-2 has temperatures similar to other commercial producers below 6500' depth.

5. Overall low temperature in SOH-1 indicates an inflow of cold water due to the combined effect of structural and hydrologic controls in the vicinity of this hole. It may be further evidence of a cross rift structural break in this area.

Permeability trends:

1. SOH-4 contains an isothermal zone at 330 F from 4000' to 4400' as shown in Figure 3. This zone appears to have good permeability. Low permeability may be present from 2500' to 3650' as per injection test in this hole. However, this needs to be verified by a temperature survey run during another injection test at 200 gpm or more injection rate. Permeable zones along with their temperatures are shown in Figure 5.

2. Several permeability zones can be delineated in SOH-1 from injection test data and successive temperature surveys. A high permeability zone exits between 4080' and 4220' where most of the water exited during drilling and injection testing. Other low permeability zones and their temperatures are also shown in Figure 5.

3. Injection test of June 7, 1991 in SOH-2 suggests that water exited the hole between 4200' and 4300'. This zone has a temperature of about 300 F as shown in Figure 3. Another permeable zone was also found between 6702' and 6752' where circulation was lost during drilling.

In general Figure 5 shows that most high permeability zones are present between 4000' and 4400'. Both permeability and temperature tend to migrate deeper in SOH-1 compared to SOH-2 and SOH-4. This may have been caused by cold water inflow influenced by the cross rift structural breaks and hydrologic controls.

The presence of the permeable zones between 4000' and 4400' in all SOHs suggest the continuous nature of this zone for about 6 miles. If this is true then the size of the reservoir in the KERZ can be large. However, the temperatures of 300 F -330 F measured in these holes are much lower than the over 600 F registered in the PGV and HGP-A wells. This suggests vertical fracturing and upwelling of hot fluids in the vicinity of PGV and HGP-A wells.

On the basis of above discussion, the following questions arise.

1. What is the extent of 300 F- 330 F aquifer? Is it continuous or discontinuous?

2. What is the areal extent of vertical fracturing surrounding PGV and HGP-A wells? Is it small or large? Is this continuous or discontinuous?

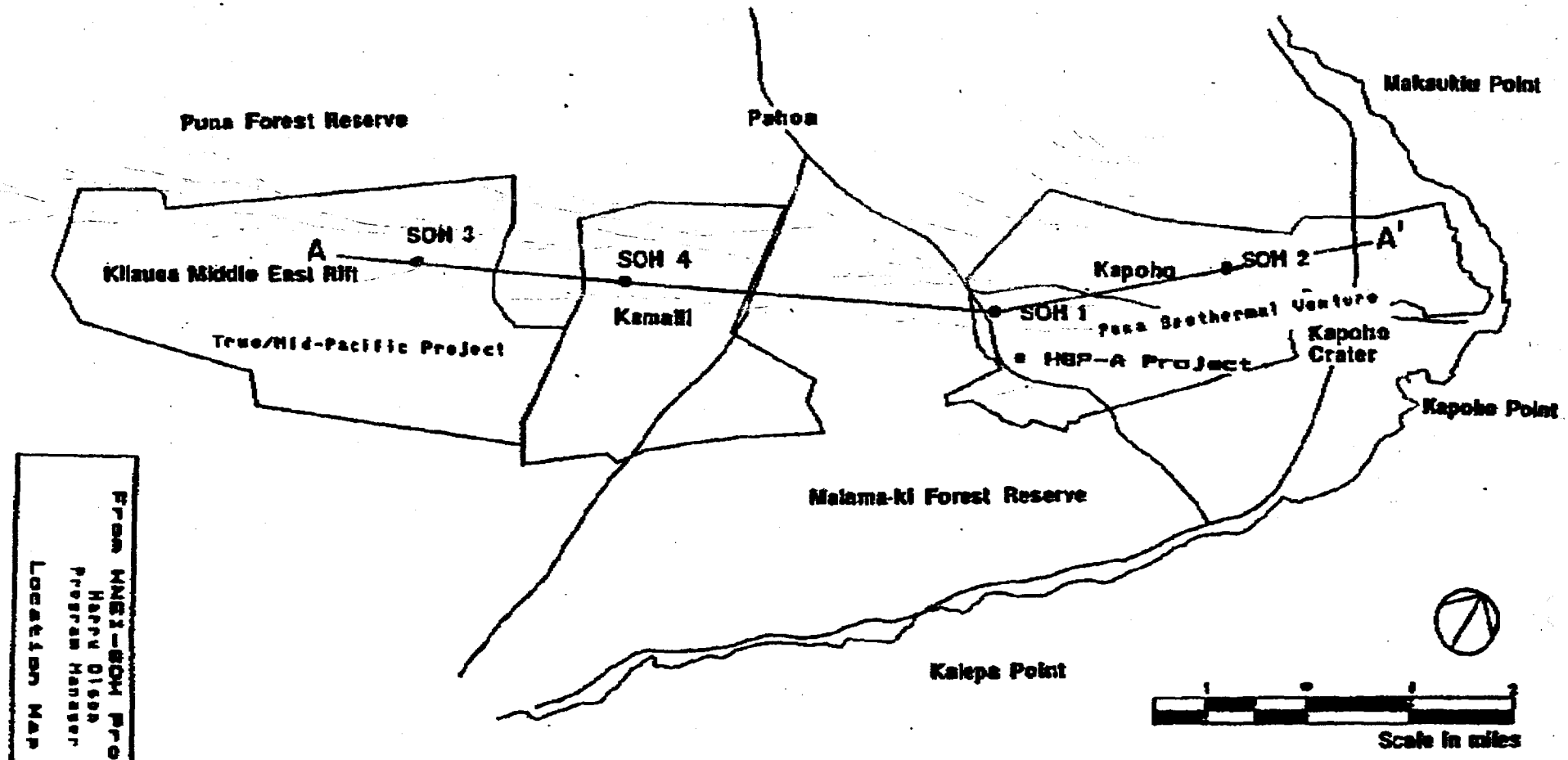
3. Is there a high temperature (~600 F) reservoir which is

continuous from SOH-2 to SOH-4?

All these questions can only be answered by further drilling and testing. Temperature controls need to be understood better to assess the geothermal potential in the KERZ.

Above discussions and Figures 3 and 5 suggest that SOH-2 and SOH-4 are potential candidates for flow testing.

cc: W. L. D'Olier
R. A. Patterson



From HNEI-SOH Program
Harry Olsen
Program Manager

Location Map

Figure 1 Location of SOHs on the Big Island

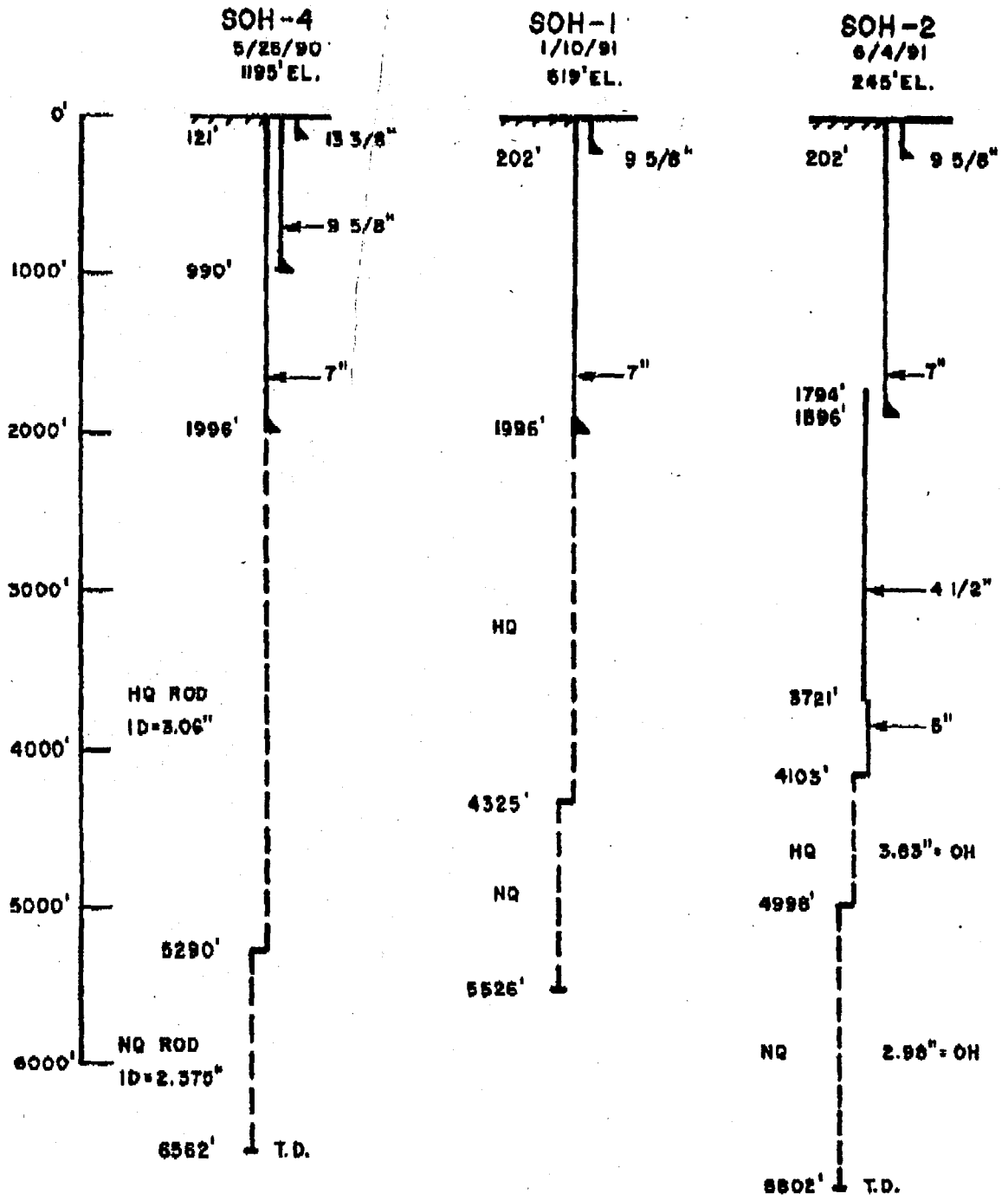


FIGURE 2. BOREHOLE SCHEMATICS OF SOH-4, SOH-1 AND SOH-2

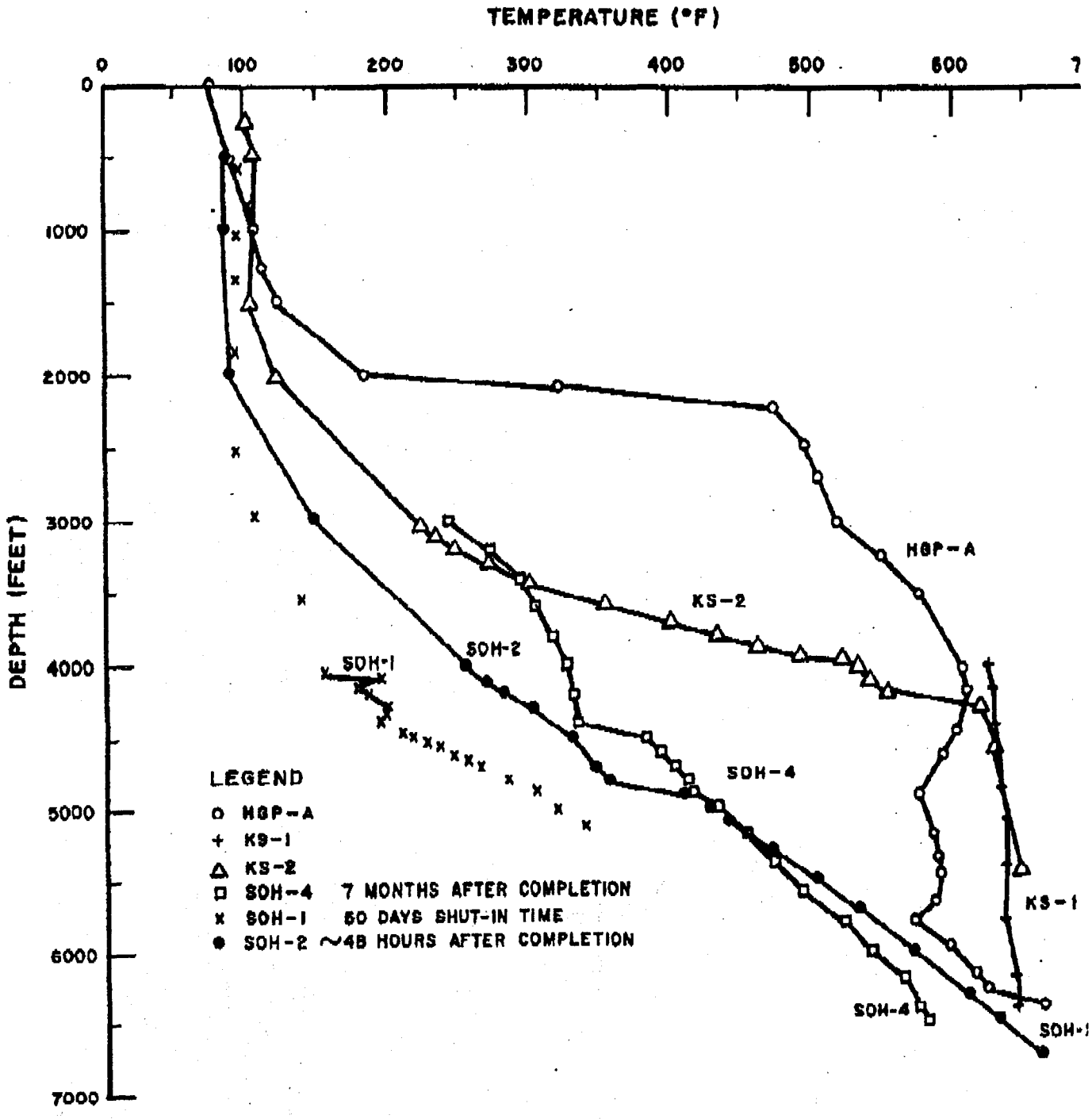


FIGURE 3. TEMPERATURES OF SOME DEEP WELLS (FROM IOVENITTI AND D'OLIER, 1985) AND SOHS IN THE KERZ

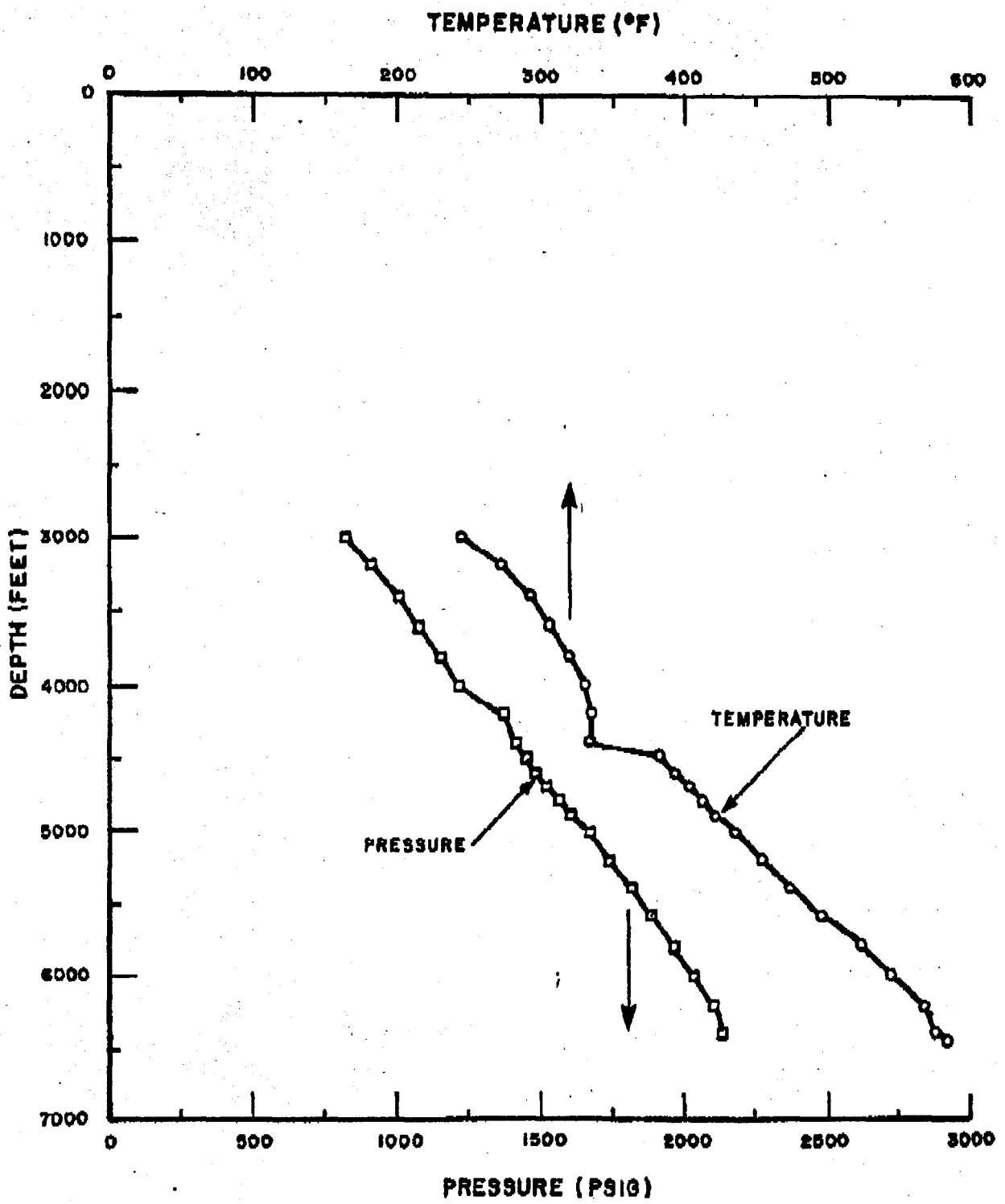


FIGURE 4 SOH-4 TEMPERATURE AND PRESSURE VS DEPTH

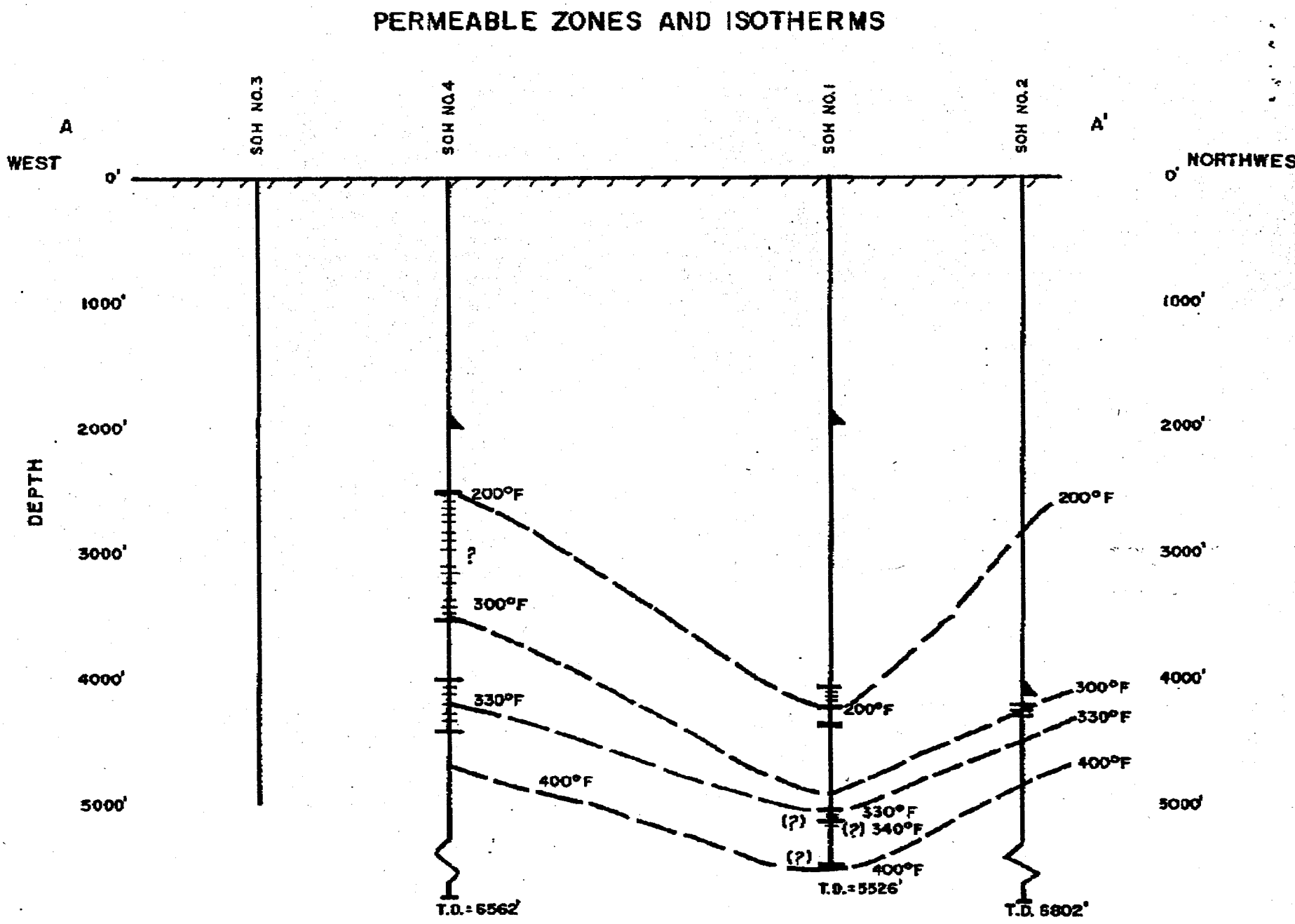


FIGURE 5: PERMEABLE ZONES AND ISOTHERMS
(CROSS SECTION A A' VS. DEPTH)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 9-11 FILE IN: Drainage File

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
___	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___	Janet		
___	___	Jm		
		Chuck		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
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DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2462
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FAX TRANSMITTAL

DATE: 9/22/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
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FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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GEOTHERMAL MORNING STATUS REPORT

DATE: September 22, 1994 **LAST REPORT DATE:** 9/21/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0640hrs was 21.3MW gross and 19.2MW net with 8 to 9 OEC units in operation.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
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GEOTHERMAL MORNING STATUS REPORT

DATE: September 21, 1994 **LAST REPORT DATE:** 9/20/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0720hrs was 22.2MW gross and 20.5MW net with 7 OEC units in operation.

Instrumentation personnel are working on repair of the computer controllers that failed during the lightning strikes of Sunday and Monday.

The East leg of the control valve manifold on well KS-9 was unplugged yesterday, but is not yet in operation.

There were two in-plant alarms yesterday due to turbine seal leaks, however no elevated levels of H_2S were recorded at the permanent monitoring stations.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

ACTIVITY: The Planning Commission will continue the hearing on the Geothermal Asset Fund Rules on Thursday, 9/22/94, at its regular meeting in Hilo at 3p.m. The Geothermal Asset Fund Rules Committee has been having weekly meetings since June 13th, but has only been able to discuss the rules at the September 6th and 13th meetings since the community members, who are in the majority, wanted to use these meetings as a forum for their complaints about the PGV project, GRP-2 and funding for the Asset Fund. This situation, coupled with the closure of last nights' meeting as a result of a walkout by some members, will necessitate two different drafts being presented to the Planning Commission.

DIVISION OF WATER AND LAND DEVELOPMENT

Diane C
Filed 4

FROM: _____ DATE: _____ FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
✓	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
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___	___	Janet		
___	___	Jim		
		Chris	FOR YOUR:	
___	___	R. LOUI	___ Approval	
___	___	S. Kokubun	___ Signature	
			___ Information	

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/20/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 20, 1994 LAST REPORT DATE: 9/19/94

TO: DISTRIBUTION (GOV, OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0745hrs was 21.9MW gross and 20.0MW net with 7 OEC units on-line. Well KS-9 is producing the total resource flow of 340,000lbs/hr while well KS-10 is being kept warm by bleeding into KS-1A.

Lightning strikes forced the plant to shut down yesterday at approximately 1000hrs due to cooked computer cards. Spares were being flown in from the mainland, however PGV instrument technicians managed to fix some of the problems allowing the plant to start up at 1540hrs and produce 20MW by 1800hrs.

Mechanics are at work today removing the workover debris that has plugged the East leg of the control valve manifold of well KS-9.

CONCERNS: While the problems over the weekend did not result in recorded releases above the 5ppb level, the permanent monitoring stations have minor recalibration work to be done as well as repair of the H_2S sensor in Station "C".

TAUB GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804 Telephone: (808) 586-2406 Fax: (808) 586-2452
Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/19/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPD, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 19, 1994 LAST REPORT DATE: 9/16/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0625hrs was 5.8MW gross and 4.1MW net with 2 OEC units in operation.

A lightning strike yesterday at 1615hrs caused the power plant to shutdown due to a communications breakdown between the plant and the control room. During startup procedures other control problems developed and the ESRF opened for a period of approximately one minute to relieve a high pressure condition in the main steam header in the power plant. No elevated levels of H_2S were found in the surrounding community, nor were there alarms from the permanent monitoring stations. Continued lightning strikes on the Helco system continue to plague PGV, causing control systems to fail and equipment to trip.

CONCERNS: Hydrogen Sulfide leaks are likely to occur whenever the plant is in an up and down situation such as the present.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 8/16/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 16, 1994 **LAST REPORT DATE:** 8/15/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0630hrs was 23.1MW gross and 21.2MW net with 7 OEC units running. Resource output from well KS-10 remains essentially steam with very little liquid.

Workover activities on well KS-9 involved running and cementing a 7 inch liner from the top of the well down to 995ft. The Parker rig crews are now waiting on cement to cure.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

Document 26
File #4

L SION OF WATER AND LAND DEVELOPI T

FROM: [illegible] DATE: 9/19 FILE IN:

TO:	INIT:		PLEASE:
___	___	M. TAGOMORI	___ See Me
___	___	L. Nanbu	___ Call
✓	[illegible]	G. Akita	___ Review & Comment
___	___	L. Chang	___ Take Action
___	___	E. Lau	___ Investigate & Report
___	___	A. Monden	___ Draft Reply
✓	[illegible]	H. Young	___ Acknowledge Receipt
___	___	T. Kam	___ Type Draft
___	___	G. Miyashiro	___ Type Final
___	___	D. Lee	___ Xerox ____ copies
___	___	A. Yim	___ File
___	[illegible]	Janet	
___	[illegible]	Glenn	

		FOR YOUR:
___	___ R. LOUI	___ Approval
___	___ S. Kokubun	___ Signature
		___ Information

REMARKS:

- Get Eric T. involved in Kaimana I P+A
- Hire Project mgr for this w/ elm.

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/15/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK HEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

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SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 15, 1994 **LAST REPORT DATE:** 9/14/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0620hrs was 25.2MW gross and 23.1 MW net with 8 OEC units in operation. Well KS-10 continues to supply all of the steam to the power plant. The West side of the control valve manifold on well KS-9 was unplugged yesterday of debris from the well and is expected to be tested today.

OEC-11 and OEC-24 remain down for parts and repair.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

BARNWELL GEOTHERMAL CORPORATION

STATUS: DLNR issued a well abandonment permit for Lanipuna No.1 on September 13, 1994. Water Resources the water well drilling entity associated with Barnwell Geothermal Corporation, who has bid on the plug and abandonment of the MGF-A, plans to plug and abandon Lanipuna No. 1. This procedure has been planned for early October.

The County has recommended to Barnwell (Water Resources) that the residents of the area be notified of the activities far enough in advance to preclude the fears and hysteria that might develop with the appearance of an unannounced drill rig in the neighborhood.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

Drawer 6
File #4

FROM: _____ DATE: 9-19 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
1		M. TAGOMORI	See Me	
		~~L. Nanbu~~	Call	
V		G. Akita	Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
		H. Young	Acknowledge Receipt	
		T. ~~Kani~~	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
		Forest		
		Jon Chun		

FOR YOUR:

		R. LOUI	Approval
		S. Kokubun	Signature
			Information

What's feasibility Moulton's info on the Sidewalk in Kaunakakai?

Is "might be" Bill Dement of Campbell Estate -

GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR

TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/12/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 12, 1994 **LAST REPORT DATE:** 9/9/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COM)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0750hrs was 27.3MW gross and 25.1MW net with 9 OEC units in operation.

The percentage of brine in resource from well KS-10 has continued to increase. The amount of resource from KS-10 continues to be approximately 1/3 of the total.

CONCERNS: None at this time. A Leilani resident complained over the weekend that PGV was now dosing him with chlorine gas.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: True continues talks with DLNR regarding the mechanical integrity testing of their well and subsequent turn-over to the State. Plans are being made to decrease the pH of the sump contents, possible by mixing with cinder. Consideration of what cleared areas DLNR want to remain clear and what areas True should replant.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/13/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER FAX #
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 13, 1994 LAST REPORT DATE: 9/12/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical Generation this morning at 0625hrs was 25.2MW and 23.0MW net with 9 OEC units in operation. OEC-11 is still down for generator repair. It is expected to be ready for testing later this week.

CONCERNS: There was series of in-plant alarms due to rotation of the Non-condensible gas compressors. When the off-line compressor was started, a line was discovered to be open to the atmosphere resulting in the series of in-plant alarms before the source of the leak was discovered. Smells of H_2S may have reached the community, however there were no monitoring station alarms.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DOWALD PUE ATION ROUTE SLIP

M. TAGOMORI

G. AKITA
H. Young
T. Kam
S. Yong
C.P. Chang
T. Nakama
J. Swift I don't know.
J. Florez
~~M. Tanouye~~
Y.F. XU
Chris D. (last)
Save your articles

E. LAU
A. Monden
A. Yim
S. Agraan
K. Chung
M. Emiliano

L. CHANG
~~G. Miyashiro~~
~~D. Lee~~
D. Imada
E. Yuasa
~~G. Morimoto~~
P. Manthos
S. Lee
~~J. Menor~~

9/15/94

Star-Bulletin Thursday, September 15, 1994

Puna Geothermal to pay $80,000 EPA fine

SAN FRANCISCO — Puna Geothermal Venture has agreed to pay a penalty of close to $80,000 imposed by the U.S. Environmental Protection Agency.

PGV violated federal law by failing to immediately notify the National Response Center after its Big Island plant released some 2,200 pounds of hydrogen sulfide into the air in 1991 and about 160 pounds of hydrogen sulfide in 1993, the EPA said yesterday.

In addition to paying the $79,625 penalty, Puna Geothermal agreed to comply with federal notification and chemical inventory requirements.

RECEIVED
P 20 A 7 : 58
OF WATER &
DEVELOPMENT

Saturday, September 17, 1994 The Honolulu Advertiser

Puna Geothermal won't face charges from leak

HILO, Hawaii — The prosecuting attorney said yesterday that his office will not prosecute reckless endangering charges against Puna Geothermal Ventures for a hydrogen sulfide leak which occurred in February of last year.

Jay Kimura said his office had examined several possible theories of criminal responsibility, but was unable to find sufficient facts to prove a charge beyond a reasonable doubt.

He said, however, that the case could be reconsidered if additional information surfaces.

The state Department of Health levied a $10,000 fine against PGV for the unauthorized release.

West Hawaii Today, Sunday, September 11, 1994

Relocation funding OK

Mayor Stephen Yamashiro may use royalty payments from Puna Geothermal Venture to relocate neighbors of the company's Pohoiki power plant, according to a county official.

County Managing Director Bill Davis said Puna Geothermal is paying the royalty payments under protest because it disagrees with the method the payments are assessed.

Davis said no relocation plan has been developed. But he said Yamashiro is considering various ways of financing the relocation of those residents who do not wish to continue living near the geothermal plant.

How is this info being released?

THE GARDEN ISLAND-THURSDAY, SEPTEMBER 15, 1994

Puna Geothermal gets hit by steep fine

SAN FRANCISCO (AP) — Puna Geothermal Venture has agreed to pay a penalty of close to $80,000 imposed by the U.S. Environmental Protection Agency.

PGV violated federal law by failing to immediately notify the National Response Center after the company's Big Island plant released some 2,200 pounds of hydrogen sulfide into the air in 1991 and about 160 pounds of hydrogen sulfide in 1993, the EPA said Wednesday.

The company also failed to provide timely written follow-up reports to state and local authorities, the federal government said.

PGV also failed to provide state and local authorities with complete inventories of chemicals stored at the site in 1991 and 1992, it said.

In addition to paying the $79,625 penalty, Puna Geothermal agreed to comply with federal notification and chemical inventory requirements.

Hawaii Tribune - Herald, Thursday, September 15, 1994

Feds fine PGV nearly $80,000 for violations

❑ Geothermal firm failed to notify EPA of major emissions

SAN FRANCISCO (AP) — Puna Geothermal Venture has agreed to pay a penalty of close to $80,000 imposed by the U.S. Environmental Protection Agency.

PGV violated federal law by failing to immediately notify the National Response Center after the company's Big Island plant released some 2,200 pounds of hydrogen sulfide into the air in 1991 and about 160 pounds of hydrogen sulfide in 1993, the EPA said yesterday.

The company also failed to provide timely written follow-up reports to state and local authorities, the federal government said.

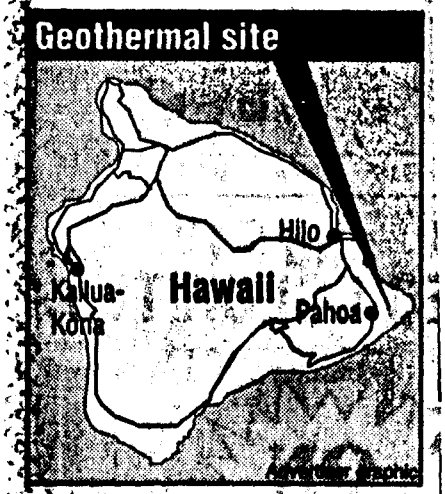
PGV also failed to provide state and local authorities with complete inventories of chemicals stored at the site in 1991 and 1992, it said.

In addition to paying the $79,625 penalty, Puna Geothermal agreed to comply with federal notification and chemical inventory requirements.

"Ensuring that the public and emergency response agencies receive fast, accurate notification regarding toxic releases of hazardous substances is critical for protecting public health and the environment," said Jeff Zelikson, director of hazardous substances for EPA's western region.

"We are encouraged by this settlement and the facility's willingness to address this problem," he said.

The Honolulu Advertiser Thursday, September 15, 1994



Candidates wary of geothermal

Cite pollutants, spotty record

By Hugh Clark
Advertiser Big Island Bureau

HILO, Hawaii — Most state and county candidates want the Big Island to hold off on expanding geothermal energy production.

Twenty candidates in contested Primary Election races were interviewed on the issue during the Big Island Press Club's "Campaign Inquiry" last weekend.

Several said geothermal power is inappropriate on the Big Island because of the corrosive nature of the steam fuel — its sulfur content and unusually high temperatures.

Others said that the geothermal concept is fine with them but that the execution by Puna Geothermal Venture of its $130 million development was poor, and any further development should be by some other entity.

Council candidate Jay Hanson, a Republican from South Kona, said he thinks the work at Pohoiki was so bad that the principals of PGV should be jailed. He said the project has been run by "a bunch of idiots."

PGV is seen as a possible source for the next stage of electric development on the Big Island, since Hawaii Electric Light Co. has been stalled on its plans for a 56-megawatt, $100 million expansion at Keahole.

The alternative $100 million Waimana Enterprises development at Kawaihae is before the courts on a suit by angry Hawaiian homesteaders.

When the senior partner in the project was known as Ormat (now OESI), the firm notified the Federal Securities and Exchange Commission of a desire to double the output to 50 megawatts.

Constellation Energy, a Baltimore Light and Power subsidiary, is now the senior partner in the venture. Its spokesman told The Advertiser in a 1993 interview that the firm was interested in upping the Puna stakes despite delays and cost overruns.

The Big Island has been under electric conservation notices for three weeks because of production shortfalls when older plants failed while a major Puna production unit was down for scheduled repairs.

The Shipman unit on Waiakea Peninsula was returned to service, but the troubled 16-megawatt Keahole combustion turbine unit in Kona remains out of service.

The future of energy development on the Big Island is up in the air, in large part because of the pending loss of power from the Haina plant when Hamakua Sugar Co. finally shuts down early next month.

Many candidates believe the matter should be solved by a combination of solar energy and energy conservation.

Many candidates cite alleged health costs as reasons to oppose geothermal.

"It's got too much baggage because of poor management; it's dubious," said political newcomer David Tarnas of Kona, a Democrat who considers geothermal itself "a fine idea."

Longtime office seeker Arthur Kepo'o considers geothermal "a gift to the people" that should be enjoyed.

Bill Kawahara, a Democratic seeking the vacant 6th District seat in the House, said that he was a councilman when geothermal first was considered in the 1970s, and that government has "done a pretty shabby job" of bringing it on line.

His comments were echoed repeatedly by others.

Ex-police officer Arlen Bento of Hilo, a Democrat seeking the 3rd District seat in the House, likes the concept but stressed he puts "public safety first."

County to relocate neighbors of PGV?

❑ Mayor might use royalties to move unhappy residents

By Dave Smith
Tribune-Herald

Mayor Steve Yamashiro is considering using royalty funds paid by a geothermal developer to relocate neighbors of the geothermal plant in Pohoiki, a county official said yesterday.

What makes that a possibility is a decision by Puna Geothermal Venture to begin making overdue royalty payments stemming from the operation of its electricity generating facility.

County Managing Director Bill Davis yesterday confirmed that PGV planned to start making the payments today.

Davis said the payments will be made "under protest" because PGV disagrees with the method under which the royalty payments are assessed.

PGV officials Barry Mizuno and Lynn White are on the mainland and unavailable for comment.

Last year, the state Board of Land and Natural Resources ruled that the royalty payments will be assessed according to the value of the geothermal steam taken from the ground and used to produce electricity.

PGV and its supporters opposed the Land Board's method of computing the payments because it limits credits given for generation and transmission costs and puts a lower value on investments for the plant and equipment.

Under the board's ruling, about $16 million will be paid in royalties over a 35-year period. PGV had proposed a plan that would have resulted in payments of $11.5 million.

The plan calls for royalty payments — initially equal to about 3 percent of PGV's revenues — to be divided, giving 50 percent to the state, 30 percent to the county and 20 percent to the Office of Hawaiian Affairs.

Davis said he does not have up-to-date figures on how much PGV owes in royalty payments but he believes the county's share would be at least $100,000.

Davis said no relocation plan has yet been formulated, but Yamashiro is considering various ways of financing the moving of those residents who do not wish to continue living near the geothermal plant.

Davis said the survey is finding mixed feelings on the part of the plant's neighbors.

"Some are happy where they are and, of course, some want to get out of there," he said.

Bud Brees of nearby Lanipuna Gardens is one of the latter.

Brees wants to move away because of noxious emissions and noises emanating from the facility but has found he is unable to sell or rent his homes. Many neighbors of the plant say the proximity to the plant has also resulted in a lowering of their property values.

In July, Brees decided to press the issue with a visit to the mayor's office, where he was arrested for disturbing the peace after he began playing loud Hawaiian music on a portable tape player.

Davis said for the past several weeks Jim Moulds, the county's geothermal officer, has been interviewing those living within a mile of the center of the geothermal plant to determine whether they want to move and what they believe would be fair compensation for their property.

He said the mayor is awaiting the results of the survey, which should be done within a week, before deciding what path to take.

"(The survey) will count heavily on which direction we will go," Davis said.

Yamashiro was attending meetings on Oahu yesterday and could not be reached for comment.

Davis said the county is looking at various funding options, including a bond float, to pay

See PGV, Page 8

-Hawaii Tribune - Herald, Friday, September 9, 1994

PGV: Homes near geo plant to be relocated?

From Page 1

for the homes. He said there is a possibility that the properties could then be sold or leased to persons who have no reservations about living near the geothermal plant.

He said he does not believe General Fund or other county monies would be involved in the relocation efforts.

Brees, who has been told by his doctor that he must move or face a reduced life expectancy, said yesterday that he is anxious to move.

But some other residents, such as Brees' neighbor Aurora Martinovich, said she isn't going anywhere.

Martinovich said moving residents out is no solution to the environmental problem the geothermal plant creates.

Bob Petricci of nearby Leilani Estates said he is suspicious of Yamashiro's intentions and called them "out of line and possible illegal."

Petricci said it would be better to place the royalty funds into the geothermal asset fund which was established by the terms of PGV's operating permit. He said the asset fund was established specifically for such matters as relocation.

The Honolulu Advertiser Thursday, September 15, 1994

Puna Geothermal agrees on fine over procedures

Associated Press

SAN FRANCISCO — Puna Geothermal Venture, the Big Island utility which generates electricity using underground steam, has agreed to pay a $79,625 federal fine and correct procedural shortcomings, the U.S. Environmental Protection Agency announced yesterday.

The EPA said the terms were in a settlement with Puna Geothermal regarding violations of emergency notification and chemical inventory requirements at its plant in the Puna area of the Big Island.

Under the settlement, PGV will pay a $79,625 penalty and will certify that the facility complies with federal notification and chemical inventory requirements.

Under federal regulations, facilities are required to immediately notify the National Response Center if a specified quantity of a hazardous substance is released.

They are also required to file written follow-up reports to state and local officials regarding the release of specified quantities of hazardous substances.

The facility released approximately 2,200 pounds of hydrogen sulfide into the air from its geothermal wells in a 1991 incident, and approximately 160 pounds in a 1993 incident.

Releases over 100 pounds are supposed to be reported.

After these two releases, PGV failed to immediately notify the National Response Center and failed to provide timely follow-up reports to state and local authorities, the EPA said.

Drawer 6
File #4

.SION OF WATER AND LAND DEVELOP .T

FROM: _____ DATE: 9-16 FILE IN: _____

TO:	INIT:	PLEASE:	REMARKS:
___	___ M. TAGOMORI	___ See Me	
___	___ L. Nanbu	___ Call	
✓	___ G. Akita	✓ Review & Comment	
___	___ L. Chang	___ Take Action	
___	___ E. Lau	___ Investigate & Report	
___	___ A. Monden	___ Draft Reply	
✓	___ H. Young	___ Acknowledge Receipt	
___	___ T. Kam	___ Type Draft	
___	___ G. Miyashiro	___ Type Final	
___	___ D. Lee	___ Xerox ____ copies	
___	___ A. Yim	___ File	
___	___ M. Janet		
___	___ gf for Chas		

FOR YOUR:

___	___ R. LOUI	___ Approval
___	___ S. Kokubun	___ Signature
		___ Information

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

Central Pacific Plaza, 220 South King St., 11th Floor, Honolulu, Hawaii
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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/9/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, LARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

NUMBER OF PAGES (INCLUDING THIS COVER PAGE) 2 . IF ANY PORTION OF THIS TRANSMISSION IS MISSING OR IS RECEIVED POORLY, PLEASE CALL DBED/HI ISLAND OFFICE AT (808) 933-4600.

COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 9, 1994 LAST REPORT DATE: 9/7/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

NOTE: This report was not issued on 9/8/94 as the coordinator was on sick leave.

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0715hrs was 27.8MW gross and 25.6MW net with 9 OEC units running. Approximately 2/3 of the total resource production is from well KS-9 with 1/3 coming from well KS-10.

Water well MW-3 pump remains in the well. PGV has been unable to pull it out.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

'ISION OF WATER AND LAND DEVELOP NT

Drawer 6
File #4

FROM: LG DATE: 9-16 FILE IN:

TO:	INIT:		PLEASE:	REMARKS:
		M. TAGOMORI	See Me	
		L. Nanbu	Call	
✓		~~G.~~ Akita	✓ Review & Comment	
		L. Chang	Take Action	
		E. Lau	Investigate & Report	
		A. Monden	Draft Reply	
✓		H. Young	Acknowledge Receipt	
		T. Kam	Type Draft	
		G. Miyashiro	Type Final	
		D. Lee	Xerox ____ copies	
		A. Yim	File	
			FOR YOUR:	
		R. LOUI	Approval	
		S. Kokubun	Signature	
			Information	

JOHN WAIHEE
GOVERNOR

JEANNE SCHULTZ
DIRECTOR

RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/14/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: September 14, 1994 **LAST REPORT DATE:** 9/13/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0815hrs was 19.6MW gross and 17.8MW net with 6 OEC units operating. All resource flow and consequently power generation is from well KS-10 as the control valves in both legs of the above ground piping from well KS-9 are plugged with rocks, cement, and pieces of casing from the workover procedure. Work is under way today to cleanout the valves and piping.

PGV has been unable to remove the pump from water well MW-3. Temporary plans are to install an additional pump in the approximately 70ft of water in the well above the old pump, if more water production is needed.

CONCERNS: With the removal from service of the piping manifolds downstream of the wellhead of well KS-9, leaks of H_2S may occur and reach the surrounding community.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

DIVISION OF WATER AND LAND DEVELOPMENT

FROM: _____ DATE: 9- ✓ FILE IN: Drawer to file

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	~~G. Akita~~	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
___	___	H. Young	___ Acknowledge Receipt	
___	___	T. Kam	___ Type Draft	
___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___			
✓				

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
NICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

FAX TRANSMITTAL

DATE: 9/02/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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94 SEP 2 P 3:00
DIV. OF WATER & LAND DEVELOPMENT

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: September 2, 1994 **LAST REPORT DATE:** 9/1/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical power generation this morning at 0550hrs was 24.6MW gross and 22.5MW net. There were several OEC units on and off line last night. One in-plant H_2S alarm did sound at 0400hrs from a small seal leak on one of the OEC units.

Well KS-9 is producing approximately 120,000lbs/hr this morning.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

.SION OF WATER AND LAND DEVELOP .NT

FROM: _____ DATE: 8/31 FILE IN: _____

TO:	INIT:		PLEASE:	REMARKS:
___	___	M. TAGOMORI	___ See Me	
___	___	L. Nanbu	___ Call	
✓	___	G. Akita	✓ Review & Comment	
___	___	L. Chang	___ Take Action	
___	___	E. Lau	___ Investigate & Report	
✓	___	A. Monden	___ Draft Reply	
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___	___	G. Miyashiro	___ Type Final	
___	___	D. Lee	___ Xerox ___ copies	
___	___	A. Yim	___ File	
___	___	Jim		
___	___	Janet		
		Chris		

FOR YOUR:

___	___	R. LOUI	___ Approval
___	___	S. Kokubun	___ Signature
			___ Information

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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FAX TRANSMITTAL

DEPT. OF LAND
& NATURAL RESOURCES
STATE OF HAWAII

DATE: 8/30/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER FAX #
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

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94 AUG 30 P2:50
DEPT. OF LAND & NATURAL RESOURCES

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

CONFIDENTIAL

GEOTHERMAL MORNING STATUS REPORT

DATE: August 30, 1994 LAST REPORT DATE: 8/29/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961 8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0650hrs was 23.0MW gross and 21.0MW net with 7 OEC units running.

Work continues to finish reinstalling the above ground piping and control valves to operate well KS-9, which is expected to be opened later this week.

CONCERNS: None at this time.

TRUE GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)

GOVERNOR
JEANNE SCHULTZ
DIRECTOR
RICK EGGED
DEPUTY DIRECTOR
TAKESHI YOSHIHARA
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Hawaii Island Office: Hawaii Business Center 99 Aupuni Street, Suite 212 Hilo, Hawaii 96720 Telephone: (808) 933-4600 Fax: (808) 933-4602

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94 AUG 30 A 9:24
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

FAX TRANSMITTAL

DATE: 8/29/94

TO: JEANNE SCHULTZ/TAK YOSHIHARA
BRUCE ANDERSON/KEITH AHUE/JACK KEPPLER
JOSH AGSALUD, DEAN NAKANO-GPO, HARRY KIM, HAROLD MATSUURA
FAX #

FROM: DBEDT - HAWAII ISLAND OFFICE FAX # (808) 933-4602

SUBJECT: GEOTHERMAL MORNING STATUS REPORT

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DIV. OF WATER & LAND DEVELOPMENT

DAILY REPORT FOR YOUR REVIEW

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COUNTY OF HAWAII

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GEOTHERMAL MORNING STATUS REPORT

DATE: August 29, 1994 **LAST REPORT DATE:** 8/26/94

TO: DISTRIBUTION (GOV. OFFICE, DOH, DLNR, DBEDT, COH)

FOR FURTHER INFORMATION: Call James E. Moulds at 961-8288

PUNA GEOTHERMAL VENTURE (PGV)

STATUS: Electrical generation this morning at 0705hrs was 23.0MW gross and 21.0MW net with 7 OEC units running.

The parker rig has been removed from the area of well KS-9 and the above ground piping and control valve assembly has been replaced. The flow tee to the wellhead remains to be connected and the Ben Holt software engineers have work to complete before KS-9 can be brought on line. Construction expects to be complete tomorrow, thus KS-9 will be opened up later in the week.

CONCERNS: Station "B" alarmed yesterday evening at 12ppb H_2S at 1750hrs. Roving monitors in the community in downwind locations registered zeros. The source may have been a dripping bleed line on well KS-10.

TRUS GEOTHERMAL ENERGY COMPANY (TGEC)

STATUS: No change.

CONCERNS: None at this time.

REGULATORY AGENCIES (ACTIVITIES, CONCERNS)