



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
DIVISION OF WATER AND LAND DEVELOPMENT

P. O. BOX 373  
HONOLULU, HAWAII 96809

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BOARD OF LAND & NATURAL RESOURCES  
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WATER AND LAND DEVELOPMENT

July 30, 1984

MEMORANDUM

From: Dean Nakano  
Subject: Ulupalakua - Puu Mahoe Arboretum

On July 27, 1984, Manabu Tagomori and I inspected the area of the proposed geothermal subzone on the island of Maui. We were met on our field trip by Ulupalakua residents, Mrs. Vockrodt and her daughters Martha and Jennifer who escorted us on a tour of the Puu Mahoe Arboretum.

This privately owned arboretum contains indigenous and exotic plants and is situated at approximately 2600-foot elevation. From Puu Mahoe, located mid-way between Ulupalakua and Kanaio, we were able to view the proposed subzone from Puu Makua (elevation 5200 feet) down to Puu Nairo (elevation 800 feet).

The Vockrodt family expressed their concerns regarding geothermal development and its impacts on the environment and property value. Jennifer Vockrodt also noted that about 30 to 40 individuals reside in the Kanaio area.

Mr. Tagomori discussed the current state of geothermal technology and the assessment criteria outline in Act 296, SLH 1983. We thanked the Vockrodt family for their interest and cooperation in making this field trip possible.

DEAN NAKANO

DN:ka

June 15, '84

Department of Land and Natural Resources,

I would like to invite the Board of Water and Natural Resources and concerned public to our Puunahoe overturn for our next "on-the-site" Geothermal meeting. My sister Jennifer Vockrodt and I each mailed in a testimony concerning a Geothermal Factory in UluPalakua. We each described the purpose and whereabouts of Puunahoe, and some of the effects such a project would have on our land and valuable collection of rare trees. Puunahoe has a "commanding view" of Japans Bay and Puunai. A gathering at Puunahoe would be the place to imagine and clearly view the dominating and detrimental affects on UluPalakua such a factory would have.

Please call #878-1876 and leave a (or write) message reconfirming this place and please also inform me on the date. Let me know of anything I can do to make my invitation materialize.

Sincerely,

Martha Vockrodt  
Star Route, Kula  
UluPalakua, Maui  
Hawaii

96790

#878-1876

RECEIVED

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DIV OF WATER &  
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TO: Bob Chuck/Manabu Tagamori  
FROM: Bay Yee/Sisi Stamper/Steven Tanimura *Bay Yee*  
RE: Impressions of Informational Meeting in Hilo 5/08/84 and Maui  
5/09/84

As requested, the following are some impressions we received at the Hilo meeting on May 8, 1984:

1. The people in attendance really appreciated being informed at an early stage of what was going to be done--not being told what had been done.
2. The people appreciated being asked for input at an early stage.
3. The small attendance, perhaps 15 of the 30 total being "public" and the rest being County/State personnel, was probably the result of late notice, location of meeting, and perhaps lack of interest (informational meeting vs. public hearing).
4. The attendees had to be told three times (by Chuck in his introductory remarks re ACT 296, by Tagamori in his assessment comments, and by Thomas during the question and answer period regarding probability) before they realized that the work was to be based on available information.
5. There was concern raised as to the criteria to be used to designate a specific subzone. A weighing system was proposed based upon the 7 factors listed in ACT 296.
6. The attendees felt that in the past, nobody listened to them.  
Example:
  - (1) Statement that the Kahauale'a transcripts contain much of their inputs.
  - (2) Statement that State/County "always tell us what has been decided, never ask us what we think".
7. We have the impression that the "public" is not too interested/motivated/believe in informational meetings. Although they say they want to input, they do not provide input either because they don't believe their input will be utilized or by human nature are lackadaisical.

8. We have the impression that the "public" would rather react than participate. There is great interest in the public hearings in August by BLNR, not much interest in informational meetings going on.

The following are some impressions regarding the meeting held on Maui, May 9, 1984:

1. The small attendance was probably due to lack of interest in informational meetings (as opposed to public hearings).
2. The people in attendance are greatly concerned that a geothermal power project at Ulupalakua would be very detrimental to the area. The environmental impact has raised some fears regarding air quality, sound, and disturbing a pristine area.

4 June 1984

MEMORANDUM

TO: Bob Chuck/Manabu Tagamori  
FROM: Bay Yee/Si Si Stamper/Steven Tanimura  
SUBJECT: MEETINGS IN HILO(5/29) AND KAHULUI(5/30)

The following are observations/impressions/comments on the public informational meetings held in Hilo regarding Geothermal Subzoning:

Mineral Rights/Royalties need to be discussed--the creation of value to owner of mineral rights by receipt of royalties.

Scenarios beyond the 20MW-30MW scenario should be considered--the planning for future development/impacts.

Buffer Zones around geothermal subzones are needed--for aesthetics(visual), noise, smell, and health factors.

Frustration in the public participation process was expressed--attending informational meetings, providing inputs, but not being part of the decision making.

Attendance at the Hilo meeting was greater than the May 8th meeting. There were more "public" attendees(±15), more developer/user persons(±15) and fewer County staff.

The Kahului, Maui meeting was more emotional:

Safety concerns such as blow-outs, hazards from volcanic action, etc. were mentioned.

Health concerns such as H<sub>2</sub>S effects on humans, animals and plants, disposal of drilling mud and high tension lines affecting mental stability were stated.

Love of the Land such as Kunaio being the last "outback" on Maui, Haleakala a National Park for all the people of the USA, and Hawaiian "Kapu"(sacred) areas to keep out of or face bad luck was expressed.

Information was sought by most attendees.

Attendance at the Kahului meeting was much greater than the May 9th meeting. There were many more "public" attendees(±25), more than the Hilo attendees, and more government representatives.

NOTICE OF PUBLIC INFORMATION MEETING  
on the Designation and Regulation of  
Geothermal Resource Subzones

The Department of Land and Natural Resources will conduct a public information and participation meeting on the designation of geothermal resource subzones at the following dates, places and time:

- May 8, 1984, Hilo, Hawaii - University of Hawaii at Hilo, Campus Center, Room 306, 307 - 7:00-10:00 p.m.
- May 9, 1984, Kahului, Maui - Maui Community College, 310 Kaahumanu Ave., Bldg. 208, Room 21 - 7:00-10:00 p.m.
- May 29, 1984, Hilo, Hawaii - University of Hawaii at Hilo, Campus Center, Room 306, 307 - 7:00-10:00 p.m.
- May 30, 1984, Kahului, Maui - Maui Community College, 310 Kaahumanu Ave., Community Service Building - 7:00-10:00 p.m.

Act 296, Session Laws of Hawaii 1983, amends Chapter 205, Hawaii Revised Statutes by providing for the Board of Land and Natural Resources to conduct county-by-county assessment of potential geothermal resource development areas. The assessment shall examine factors to include but not be limited to:

- \* potential geothermal energy production
- \* use of the geothermal energy
- \* geologic hazards
- \* social and environmental impacts
- \* compatibility with present and planned use
- \* potential economic benefits
- \* compatibility with conservation principles

The staff of the Department of Land and Natural Resources will conduct the meeting by providing information available to afford the public the opportunity to participate in the subzoning work. All interested persons are urged to attend the meetings to assist the Department in the assessment and evaluation of geothermal resource development areas.

Inquiries on the meetings may be directed to the Division of Water and Land Development, Department of Land and Natural Resources, P.O. Box 373, Honolulu, Hawaii 96809, or telephone 548-7539.

BOARD OF LAND AND NATURAL RESOURCES

  
SUSUMU ONO, Chairperson of the Board

Dated: April 30, 1984

May 16, 1984

Honolulu Star-Bulletin  
City Desk  
P.O. Box 3080  
Honolulu, Hawaii 96802

Press Release

Gentlemen:

As the geothermal subzone designation process is an area of public interest, we would appreciate it if you would publish the enclosed news release in the Honolulu Star-Bulletin. Also, please include this release in your Maui and Big Island editions as it concerns those islands specifically.

Sincerely,

ROBERT T. CHUCK  
Manager-Chief Engineer

JK:dh  
Enc.

... Ariyoshi  
... ernor

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# NEWS RELEASE

Dept. of Land & Natural Resources  
Div. of Water & Land Development  
Robert T. Chuck, 548-7539

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May 16, 1984

The Department of Land and Natural Resources will conduct a second public information and participation meeting relating to geothermal resource subzones on:

- Tuesday, May 29, 1984, in Hilo, Hawaii - University of Hawaii at Hilo, Campus Center, Room 306, 307 - 7:00-10:00 p.m.
- Wednesday, May 30, 1984, in Kahului, Maui - Maui Community College, 310 Kaahumanu Ave., Community Service Building - 7:00-10:00 p.m.

These meetings will be used to identify possible impacts from geothermal development within potential subzone areas. Areas of concern will include social and environmental impacts, economics, geologic hazards, land use compatibility, and potential for utilization. The public is invited to comment on the impacts presented and to identify any omitted concerns. Written comments and information may also be sent to the Division of Water and Land Development, Department of Land and Natural Resources, P.O. Box 373, Honolulu, Hawaii 96809.

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May 16, 1984

Ms. Andrea Gill Beck  
Field Representative  
Department of Planning &  
Economic Development  
State of Hawaii  
34 Rainbow Drive  
Hilo, Hawaii 96720

Dear Andrea:

Was nice talking to you at the Hilo geothermal hearing. We appreciate very much the time, effort, and assistance you have provided in publicizing our geothermal public informational meetings. As a followup to your suggestion, additional news releases have been submitted to the Advertiser, Star Bulletin, Maui News, and Hawaii Tribune Herald (see enclosed).

If you can think of any other arrangements that should be made, please let us know.

Sincerely,



ROBERT T. CHUCK  
Manager-Chief Engineer

JK:dh  
Enc.