

UNIVERSITY OF UTAH RESEARCH INSTITUTE

UURIEARTH SCIENCE LABORATORY
420 CHIPETA WAY, SUITE 120
SALT LAKE CITY, UTAH 84108
TELEPHONE 801-581-5283

April 22, 1980

MEMORANDUM

TO: State Coupled Program Core Group

FROM: Duncan Foley

SUBJECT: Meeting with Washington Resource Assessment Team

DATE OF TRIP: 7 April, 1980

PLACE: Offices of Washington Geology and Earth Resources Division;
Department of Natural Resources, Olympia, WA

PURPOSE: Discussion of State Coupled and User Coupled
Program Interfaces

ATTENDEES: Ted Livingston, Eric Schuster, Mike Korosec, Glenda McLucas,
Washington DNR
Gordon Bloomquist, WA Planning and Commercialization team
Duncan Foley, ESL/UURI

General and Business

1. The Washington team has been keeping track of volcanic activity at Mt. St. Helens. They plan on resampling springs when the snow melts, and will also remeasure thermal gradient holes.
2. Foley presented the discussion of the interface between the State Coupled Program and the User Coupled Confirmation Drilling Program.

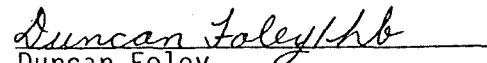
Technical

1. The Washington team is aware of plans by Shell Oil to drill to 15,000-20,000 ft. depths west of Yakima this summer, and they are interested in obtaining thermal data from this hole. Shell seems willing to share the hole, especially if it turns up dry. The Washington team predicts a regional gradient in excess of 50°C/km at the site.

2. Data sent to NOAA for inclusion of the public map include:
 - a. Thermal springs and fumaroles, with supporting chemical data,
 - b. Wells, separated into two categories: the first is anomalous sites, where the water temperature is above 220C, the depth is greater than 140m, and the gradient is above 500C/km, and the second is wells with an anomalous temperature that do not meet the other criteria.
 - c. Cultural corrections to the base map.
 - d. Areas of Quaternary volcanic vents and flows.
 - e. Faults
 - f. Lease Status
 - g. Squibs

Action Items

1. ESL will report to Washington on loggers capable of 20,000 ft. depth.
2. ESL will provide analytic procedure data for rock analyses.
3. WDNR is interested in an evaluation of Band 8 Landsat images.


Duncan Foley

DF/hb

UNIVERSITY OF UTAH
RESEARCH INSTITUTE

UURI

EARTH SCIENCE LABORATORY
391 CHIPETA WAY, SUITE A
SALT LAKE CITY, UTAH 84108
801-581-5283

June 6, 1978

MEMORANDUM

TO: State Coop Core Group
FROM: Duncan Foley
SUBJECT: Trip Report - Battelle Pacific Northwest Labs

Date of Trip: May 31, 1978

Place: Battelle Offices, Richland, WA

Purpose: Discussion of State Coop Project

Attendees: Joe Upton, Jimmy Joe Jacobson - PNL
Duncan Foley - ESL/UURI

1. PNL is checking GEOTHERM, and feel they can meet July 1 deadline.
2. PNL is investigating about 600 well records in the files of Jim Crosby at WSU; at present it is not known how many of these records will have temperature data.
3. Eric Schuster (with State of Washington) is reported by PNL to have identified several new springs.
4. OIT has been in touch with resource assessment team.
5. ESL outlined criteria established at core group meeting for depiction of low temperature resources on the map which will accompany the update of USGS circular 726; PNL is hesitant of this task.


Duncan Foley

DF/smk