



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

NRC PDR

DEC 5 1978

Docket Nos: 50-522
and 50-523

APPLICANT: Puget Sound Power and Light Company
FACILITY: Skagit Nuclear Power Project
SUBJECT: MEETING WITH PUGET SOUND POWER AND LIGHT COMPANY - STATUS
OF ONGOING GEOLOGICAL EXPLORATION NEAR PROPOSED SKAGIT
SITE - NOVEMBER 6, 1978

Background:

By letter, dated June 16, 1978, we requested that Puget Sound Power and Light Company provide us with additional information regarding the geology of the proposed Skagit site region. This request resulted from concerns expressed by the USGS as the NRC staff consultant. This additional information required a considerable amount of additional field exploration in the region of the proposed site. The field exploration has been going on since the request.

The purpose of this meeting was to provide the applicant an opportunity to present the staff and USGS with a status report and projected schedules for completing the work and submitting the applicant's interpretation of the data. The meeting agenda and attendance list are enclosed.

Summary:

The applicant described the purpose of the ongoing field exploration and presented an overview of the work in progress. A number of technical presentations were made on the status of core drillings in the Cultus and Haystack Mountain area about six miles south of the proposed Skagit site. These core drillings are an attempt to resolve the question of whether the thrust fault is northward or southward dipping at the contact between the Darrington phyllites and the Chilliwack Group rocks.

Additional areomagnetic surveys of denser localized coverage were also performed to better define the fault contact between the Darrington phyllite and Chilliwack Group rocks. These surveys were also described in the applicant's presentation.

The potential for faulting along the Gilligan and Day Creek lineaments was also discussed.

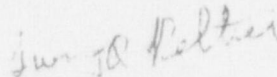
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The applicant described additional field work which had been done independently (not at staff request) in the Lake Cavanaugh area as a followup to USGS Regional field work done in that area.

The applicant was optimistic at the time of the meeting that field exploration has failed to support the existence of faulting in the proposed site area. He plans to file a response to the staff's request shortly after the first of the year (January or February 1979) and may file information on the Lake Cavanaugh work earlier.



Irving A. Peltier, Project Manager
Light Water Reactors Branch No. 1
Division of Project Management

Enclosures:

1. Meeting Agenda
2. Attendance List

cc:

See next page

Mr. J. E. Mecca

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Ira Pettier
Room 134 2734

SUGGESTED ACENDA 11/6/78 MEETING

1. 9:00 AM Opening remarks by NRC on purpose, expectation of Meeting
2. 9:15 AM Puget Management Introduction
 - Chronology (Hearings, Questions, principal review milestones)
 - Purpose of on-going work
 - Overview of work in progress
3. 9:45 AM On-going Work Status (Bechtel)
 - Mapping ✓
 - Aeromag
 - Drilling ✓
 - Lake Cavanaugh status
 - Ground mag
 - Alternative Sites
4. 11:30 AM Puget Management Summary
 - Schedule for submissions
5. 12:00 PM USGS/NRC discussion
 - Review schedule
 - Outstanding concerns summary

ENCLOSURE NO. 2

ATTENDANCE LIST

MEETING WITH PUGET, STAFF & USGS CONCERNING SKAGIT

NOVEMBER 6, 1978

<u>NAME</u>	<u>ORGANIZATION</u>
I. A. Peltier	NRC
J. C. Stepp	NRC
S. L. Wastler	NRC
R. E. Jackson	NRC
R. H. Morris	USGS
J. F. Devine	USGS
G. W. Jacobsen	PSP&L
D. J. Stoker	Bechtel
S. R. Brockman	USGS
H. E. Lefevre	NRC
S. A. Treby	NRC
D. Little	Attorney for Applicant
T. Mecca	PSP&L
P. Leech	NRC
R. C. DeYoung	NRC
H. A. Coombs	Consultant - PSP&L
R. L. Black	NRC
W. H. Hays	USGS
R. L. Sayre	Bechtel
W. Miller	PSP&L
M. J. Adair	Bechtel
R. G. Compbell	Bechtel
J. Kelleher	NRC