

January 11, 1979
PLN-210

Director of Nuclear Reactor Regulation
Attention: Mr. John F. Stolz, Chief
Light Water Reactor Branch No. 1
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Puget Sound Power & Light Company
Skagit Nuclear Power Project, Unit 1 & 2
Docket Nos. 50-522 and 50-523
Letter Report entitled "Subsurface
Investigation of Disturbed Glacial
Deposits on Lake Cavanaugh Road"

Dear Mr. Stolz:

Submitted herewith please find 6 copies of the above referenced letter report. Although no formal question was directed to the Applicant by the NRC regarding the glacial deposits on Lake Cavanaugh Road, a series of newspaper articles and television news reports based upon press releases at about the same time the NRC was informed by the USGS, implied that active faulting could be considered the most likely cause of the deformation in the glacial deposits. Additionally, an NRC field trip report, dated November 28, 1978, recommended that Puget Power should conduct additional investigations of the feature. In light of the above, Puget's consultant, Bechtel, investigated the feature in question along Lake Cavanaugh Road and the referenced report represents the results of that investigation.

A closely spaced auger boring program was utilized to define the till layer approximately 40 feet below the local road surface. No evidence, from the auger holes, could be found that the till layer was offset; the surface of the till is, in fact, remarkably uniform over the interval examined.

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None
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PLN-210
Mr. John F. Stolz

-2-

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This report is being submitted to the NRC Staff at this time so that review of this report can be pursued in a timely fashion.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. E. Mecca".

J. E. Mecca - Manager
Nuclear Licensing & Safety

Attach.

cc: Correspondence List
ASLB Correspondence List
USGS (5 copies)

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