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 RECIP. NAME: YOUNGBLOOD, B.J. RECIPIENT AFFILIATION: Licensing Branch 1

END

SUBJECT: Forwards addl geologic info re time of latest movements of earth faults on Gable Mountain near ctr of reservation. No conclusions re significance have been reached & info is not considered reportable under 10CFR21.

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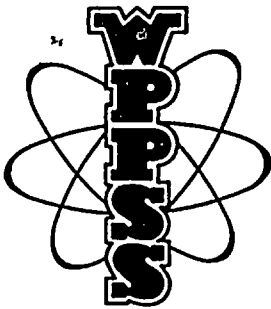
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$\gamma = \frac{1}{\sqrt{1 - v^2/c^2}}$

Figure 1. The effect of the initial concentration of the monomer on the polymerization of α -methylstyrene initiated by TiCl_4 in CH_2Cl_2 at -78°C . The reaction time was 10 min. The concentration of the initiator was 1.0×10^{-2} mol/L. The concentration of the monomer was 0.05 mol/L. The concentration of the monomer was 0.05 mol/L. The concentration of the monomer was 0.05 mol/L.

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Washington Public Power Supply System
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September 2, 1980
ELE-GCS-80-271

Docket Nos. 50-197
50-460/513

Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. B. J. Youngblood, Chief
Licensing Branch 1

Dear Mr. Youngblood:

Subject: NEW GEOLOGIC INFORMATION

On August 15, 1980, a geotechnical consulting firm working for Puget Sound Power & Light Co. on the Hanford Reservation, discovered additional information which deals with the time of latest movement of earth faults on Gable Mountain near the center of the reservation. Faulting on Gable Mountain was first studied in 1970 by the U.S. Geological Survey (USGS) and the Supply System in conjunction with siting studies for the FFTF and WNP-2, respectively. The area was later studied by the Supply System in 1973 and 1974 as part of the WNP-1/4 siting programs. These faults are thought to have resulted from the forces which shaped all the ridges common to the Columbia Plateau, over 40,000 years ago.

The findings of August 15 included minor offsets (less than four inches) that show displacement in flood gravels and clastic dikes of unknown, but probably late Pleistocene age.

From the information available at this time, it cannot be determined whether these offsets are due to minor continuation of tectonic activity which originally formed the mountain; soft sediment deformation associated with original emplacement of the flood deposits; or some other phenomena, such as land sliding, which post-dates the flood deposits.

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THE UNITED STATES OF AMERICA

DEPARTMENT OF JUSTICE

WASHINGTON, D. C.

OFFICE OF THE ATTORNEY GENERAL
WASHINGTON, D. C.

IN RE: [Illegible Name]
[Illegible Address]

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No conclusions regarding the significance, if any, have yet been reached. At this point, we do not consider the information reportable under 10CFR21. The Supply System and Puget Sound Power & Light will coordinate further field investigation and will keep the Nuclear Regulatory Commission informed through normal licensing channels.

Mr. M. D. Lynch, WNP-2 Licensing Project Manager, was advised of this finding via a telephone conversation with Mr. Sorensen, of our staff, on August 18, 1980. A subsequent conference call between representatives of the NRC, USGS, Puget Sound Power & Light and the Supply System took place on August 19. For purposes of your records, we have attached a list of Supply System and Puget Sound Power & Light representatives who participated in the conference call.

Very truly yours,



D. L. Renberger
Assistant Director, Technology

bk
Attachment

cc: N. S. Reynolds D&L

TELECON PARTICIPANTS IN WPPSS/PUGET/NRC DISCUSSIONS OF 8/19/80

Jim Mecca--Puget
Gordon Jacobsen--Puget
Howard Coombs--Puget Consultant
Richard Holt--Puget Consultant
Donald Caldwell--Golder Associates
Duane Renberger--WPPSS
Ron Chitwood--WPPSS
Alan Hosler--WPPSS
Gerry Sorensen--WPPSS

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