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Memo File

MEMORANDUM FOR: R. H. Vollmer, Director
Division of Engineering

FROM: Darrell G. Eisenhut, Director
Division of Licensing

SUBJECT: TROJAN-REQUEST FOR TECHNICAL ASSISTANCE

The attached report by Physicians for Social Responsibility "Evaluation of Design Hazards of Airborne Ash and Pyroclastic Flow for the Trojan Power Plant Site" was handed to Tom McKenna (NRC) by this group at a recent emergency planning public meeting. On the basis of this report - which is at odds with NRC's evaluation - this group seeks 1) changes in emergency planning and 2) shutdown of Trojan. The group is currently seeking court action (State of Oregon) for a Trojan shutdown. This document was also sent to the Oregon Department of Energy by Physicians for Social Responsibility (Portland Chapter) on January 10, 1981 requesting their comments on the report (Copy to NRC).

DE/GSB is requested to review this report as part of the on-going review effort under TAC#41023 to see if any information presented alters in any significant way our original and present conclusions of site suitability of Trojan from a volcanic hazards viewpoint.

Original signed by
Darrell G. Eisenhut

Darrell G. Eisenhut, Director
Division of Licensing

Attachment:

1. Letter PSR (Steingart) to Oregon dated 1/10/81
2. PSR Report dated 10/5/80

cc: R. B. McMullen
H. Lefevre
J. P. Knight
B. Grimes
R. E. Jackson
T. McKenna



Contact:

C. Trammell, DL:ORB#3
49-27070

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SURNAMED	PKreutzer	CTrammell/pn	RAClark	IMNovak	DEisenhut
DATE	1/1/81	1/1/81	1/1/81	1/1/81	1/1/81

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

February 9, 1981

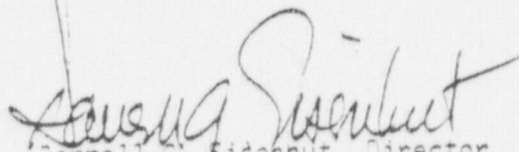
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POOR ORIGINAL

Attachment

JANUARY 10, 1981

KAREN STEINGART MD
1006 S.W. 4TH STREET
PORTLAND OREGON 97219
(503) 245 5151

DEAR MR. GORDON,

(Gordon)

I WOULD LIKE TO EXPRESS MY CONCERN REGARDING VOLCANIC HAZARD TO THE TROJAN NUCLEAR POWER PLANT. I HAVE ENCLOSED A COPY OF THE REPORT PREPARED FOR PHYSICIANS FOR SOCIAL RESPONSIBILITY/PORTLAND, BY NORMAN BUSKE, A PHYSICIST. MR. BUSKE HOLDS B.A. AND M.S. DEGREES IN PHYSICS AND AN M.A. DEGREE IN EARTH AND PLANETARY SCIENCES. HE HAS TWELVE YEARS EXPERIENCE IN THE PREDICTION AND EVALUATION OF ENVIRONMENTAL DISASTERS AND DESIGN CONDITIONS. MR. BUSKE ASSESS THE DESIGN MODEL OF THE CRATER LAKE ERUPTION WAS INCORRECTLY APPLIED TO MT. ST. HELENS IN PREDICTING ASHFALL AT THE TROJAN SITE. HE FURTHER CONTENDS THAT THE POSSIBILITY OF PYROCLASTIC FLOW WAS NEGLECTED ALTOGETHER. HIS CONCLUSION BASED ON EVALUATION OF ASHFALL AND PYROCLASTIC FLOW POTENTIALS IS THAT MT. ST. HELENS IMPOSES A RISK OF FAILURE ON TROJAN OVER 100 TIMES THE ACCEPTED RISK OF FAILURE FOR ALL U.S. NUCLEAR POWER PLANTS.

AS PHYSICIANS WE MUST ASK IS THIS RISK ACCEPTABLE?

I WOULD APPRECIATE YOUR COMMENTS CONCERNING MR. BUSKE'S REPORT. I HOPE THIS OPENS A PRODUCTIVE DIALOGUE BETWEEN PSR AND ORGE SINCE WE SHARE THE SAME CONCERNS FOR HUMAN HEALTH AND WELL-BEING.

TRULY YOURS,

Karen Steingart, MD
PSR/Portland

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DUPLICATE

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