



Portland General Electric Company

November 24, 1978

Marshall E. Miller, Esq., Chairman
Atomic Safety and Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. Kenneth A. McCollom, Dean
Division of Engineering,
Architecture & Technology
Oklahoma State University
Stillwater, Oklahoma 74074

Dr. Hugh C. Paxton
1229-41st Street
Los Alamos, New Mexico 87544

Gentlemen:

Enclosed are copies of our letter of today's date to the NRC Staff and its enclosure containing several clarifications of the supplementary documentation dated November 22, 1978.

We expect to submit these enclosures for the record when cross-examination of our witnesses on this subject commences at the resumed hearing on December 11, 1978.

Sincerely,

Ronald W. Johnson
by W. L. [Signature]

Ronald W. Johnson
Corporate Attorney
Portland General Electric Company

RWJ/LWE/4crwTICBB29
Attachment

c: A. Schwencer
Nuclear Regulatory Commission

3011-230317

NOVEMBER 24, 1978 CLARIFICATIONS OF SUPPLEMENTAL DOCUMENTATION
DATED NOVEMBER 22, 1978

- a) On page 4, second paragraph, sixth sentence, change to read,
". . . Auxiliary and Fuel Building E-W spectra, between . . ."

- b) On pages 11 and 13, last footnote, change to read, "SRSS variation in frequency = +8.4%. For calculation convenience a rounded value of 8% instead of 8.4% has been used. This changes the frequencies by a maximum of 0.06 cps which is not significant and the conclusions are not changed."

- c) On page C-5, first paragraph, fourth sentence, delete all after the numeral "1.2". Begin the fifth sentence as follows: "For the purpose of a conservative. . ." Add to the end of this paragraph as follows: "For the evaluation of the effect of changing v_{cr} from 170 psi to 132 psi on the low frequency side of the floor response spectra, the stiffness reduction factors (in Table 4 of the October 27, 1978 submittal) of 0.38, 0.45, 0.60, and 0.80 will change to 0.46, 0.46, 0.55, and 0.78. Using these modified stiffness reduction factors along with a weighting function based on the relative percentages of walls, the resulting shifted frequencies will be inside the floor response spectra envelopes as drawn."

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
) Docket 50-344
PORTLAND GENERAL ELECTRIC COMPANY,)
et al) (Control Building Proceeding)
)
(Trojan Nuclear Plant))

CERTIFICATE OF SERVICE

I hereby certify that on November 24, 1978, Licensee's letter to the Board of November 24, 1978 with enclosed letter to the Director of Nuclear Reactor Regulation providing several clarifications of the supplementary documentation dated November 22, 1978 have been served upon the persons listed below by depositing copies thereof in the United States mail with proper postage affixed for first class mail.

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Washington, D. C. 20555

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Dated: November 24, 1978