

August 5, 1988

Docket No. 50-344

Mr. David W. Cockfield  
Vice President, Nuclear  
Portland General Electric Company  
121 S.W. Salmon Street  
Portland, Oregon 97204

Dear Mr. Cockfield:

SUBJECT: ELIMINATION OF DYNAMIC EFFECTS OF POSTULATED PRIMARY LOOP PIPE  
RUPTURES FROM DESIGN BASIS FOR TROJAN NUCLEAR PLANT (TAC NO. 06596)

By letters dated October 25, 1985 and October 31, 1986, Portland General Electric Company (PGE) submitted a "leak-before-break" (LBB) evaluation of the reactor coolant loop piping for the Trojan Nuclear Plant. PGE proposed to apply the LBB methodology to eliminate the dynamic effects of postulated primary loop pipe ruptures from the design basis for Trojan, as permitted by the revised General Design Criterion 4 (GDC-4) of Appendix A to 10 CFR 50.

By letter dated March 14, 1988, PGE submitted the final technical basis for the elimination of primary loop pipe ruptures for Trojan in Westinghouse report WCAP-11699 in response to the staff's request for additional information.

We have reviewed your submittals and find the Trojan primary loop piping in compliance with the revised GDC-4. Thus, the dynamic effects of postulated primary loop pipe ruptures may be eliminated from the design basis of Trojan. Our Safety Evaluation is enclosed.

Sincerely,

original signed by

Terence L. Chan, Project Manager  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosure:  
As stated

cc: w/enclosure  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in dark ink, appearing to read "Terence L. Chan", is written over a horizontal line.

Terence L. Chan, Project Manager  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosure:  
As stated

cc: w/enclosure  
See next page

Mr. David W. Cockfield  
Portland General Electric Company

Trojan Nuclear Plant

cc:  
Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
Trojan Nuclear Plant  
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Mr. Michael J. Sykes, Chairman  
Board of County Commissioners  
Columbia County  
St. Helens, Oregon 97501

Mr. William T. Dixon  
Oregon Department of Energy  
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Regional Administrator, Region V  
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