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November 19, 1979

Trojan Nuclear Plant
Docket 50-344
License NPF-1

Director of Nuclear Reactor Regulation
ATTN: Mr. D. G. Eisenhut, Acting Director
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Your letter of September 27, 1979 provided guidelines for qualification of Containment purge and vent valves used during normal operation and requested a commitment to implement a valve qualification program on an expedited basis. We have completed our review of that letter and its guidelines and provide the following in response.

The 54-in. Containment Purge System isolation valves are presently being maintained shut during operation (in modes 1, 2, 3 and 4) due to a design deficiency in the purge ducting. A modification to the purge system is in the process of development and any valves used in the new system will be qualified in accordance with the guidelines you provided. Modifications to the purge system will be such as to require at least one of the two 54-in. isolation valves in each penetration to be in the shut position during Plant operation. Therefore, qualification of the existing 54-in. valves with regard to the ability of the valves to operate during or following a LOCA is not considered to be necessary and is not planned at this time.

The 8-in. Hydrogen Vent System isolation valves are used for Containment pressure control during normal Plant operation. These valves are motor-operated rubber-seated Seismic Category I butterfly valves. Discussions with the valve manufacturer (BIF) and Brookhaven National Laboratory have confirmed that the valves which have been reviewed as referenced in your letter did not include the model of valve installed at Trojan. Nevertheless, Brookhaven National Laboratory has indicated that the areas of

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concern are generic to all butterfly valves used for Containment isolation in these systems. Therefore, we plan to initiate a valve qualification program on an expedited basis specifically considering the guidelines provided by your letter of September 27, 1979 for the 8-in. Hydrogen Vent System isolation valves.

If you have further questions or comments, please do not hesitate to contact me.

Sincerely,

C. Goodwin, Jr.

C. Goodwin, Jr.
Assistant Vice President
Thermal Plant Operation and
Maintenance

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c: A. Schwencer, Chief
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Mr. Lynn Frank, Director
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Department of Energy

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