



Portland General Electric Company

David W. Cockfield Vice President, Nuclear

November 17, 1989

Trojan Nuclear Plant
Docket 50-344
License NPF-1

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington DC 20555

Dear Sirs:

Revised Inservice Testing (IST) Program
for Pumps and Valves Second Ten-Year Interval

By letter dated October 3, 1989, "Response to Generic Letter 89-04, Guidance on Developing Acceptable Inservice Testing Programs", Portland General Electric Company (PGE) committed to submit a revised IST Program for your review by November 17, 1989. Revision 2 of Topical Report PGE-1048, "Trojan Nuclear Plant Inservice Testing Program for Pumps and Valves Second Ten-Year Interval", is provided as the enclosure.

PGE indicated in the letter of October 3, 1989 that final resolution to full-flow testing of some check valves and flow testing of several pumps would be incorporated into the revised IST Program. The resolutions are provided in Attachment 1 as supplemental responses to Generic Letter 89-04, Positions 1 and 9, respectively.

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The revised IST Program contains relief requests in areas not covered by the Generic Letter positions. A list of these requests for which specific Nuclear Regulatory Commission approval is required, in accordance with the provisions of Title 10 of the Code of Federal Regulations, Part 50, Section 55a, Paragraph g [10 CFR 50.55a(g)], is provided as Attachment 2.

Sincerely,

A handwritten signature in dark ink, appearing to be "D. Stewart-Smith", written in a cursive style.

Attachments

Enclosure

c: Mr. John B. Martin
Regional Administrator, Region V
U.S. Nuclear Regulatory Commission

Mr. David Stewart-Smith
State of Oregon
Department of Energy

Mr. R. C. Barr
NRC Resident Inspector
Trojan Nuclear Plant

SUPPLEMENTAL RESPONSES TO GENERIC LETTER 89-04 POSITIONS

The following responses to Generic Letter 89-04 positions supplement the original responses provided by letter dated October 3, 1989, "Response to Generic Letter 89-04, Guidance on Developing Acceptable Inservice Testing Programs".

1. Full-Flow Testing of Check Valves

Flow instrumentation will be provided and procedures will be revised by January 31, 1991 to allow verification of full-flow testing of the boric acid transfer pumps discharge line check valves and the centrifugal charging pumps recirculation line check valves. Flow instrumentation will be provided and procedures will be revised to support full-flow testing of the emergency core cooling system injection line check valves during the 1991 Refueling Outage except as noted in the original response to this position.

9. Pump Testing Using Minimum-Flow
Return Line With or Without Flow Measuring Devices

Flow instrumentation will be provided and procedures will be revised by January 31, 1991 to allow quarterly testing of the centrifugal charging pumps and boric acid transfer pumps on instrumented minimum-flow lines.

INSERVICE TESTING (IST) PROGRAM RELIEF
REQUESTS REQUIRING SPECIFIC APPROVAL

The following is a list of relief requests contained in the revised IST Program whose approval is not provided for by Generic Letter 89-04. Therefore, specific Nuclear Regulatory Commission approval is required in accordance with the provisions of Title 10 of the Code of Federal Regulations, Part 50, Section 55a, Paragraph g [10 CFR 50.55a(g)].

RELIEF REQUESTS FOR PUMPS:

<u>Section</u>	<u>Title</u>
3.2.1	Service Water System: Pumps P108A, P108B, and P108C
3.2.2	Diesel Fuel Oil System: Pumps P144A and P144B
3.2.4	Chemical and Volume Control System: Pumps P205A and P205B
3.2.5	Component Cooling Water System: Pumps P210A, P210B, and P210C
3.2.6	Chemical and Volume Control System: Pumps P211A and P211B
3.2.7	Component Cooling Water System: Pumps P218A and P218B
3.2.8	Generic Pump Relief Request: Vibration Measurement
3.2.9	Generic Pump Relief Request: Bearing Temperature
3.2.10	Generic Pump Relief Request: Duration of Tests

RELIEF REQUESTS FOR VALVES:

<u>Table</u>	<u>System</u>	<u>Item</u>
4.1-2	M201: Reactor Coolant System	C. Valves: 8948A, 8948B, 8948C, 8948D
		F. Valves: IA-2003, IA-2004, IA-2005, IA-2006
		G. Valve: 8046
		H. Valve: 8047
		I. Valve: 8079
	M205: Residual Heat Removal System	G. Valve: 8958

<u>Table</u>	<u>System</u>	<u>Item</u>
M206:	Safety Injection System	I. Valves: 8956A, 8956B, 8956C, 8956D
M208:	Main Steam System	A. Valves: MS-220, MS-221, MS-222, MS-223, MS-224, MS-225, MS-226, MS-227
M215:	Component Cooling Water System	F. Valves: CC-2001 through CC-2032 (32 total valves)
M223:	Instrument Air System	A. Valves: CV-4471, IA-2001
J781:	Electrical Penetrations Nitrogen Manifold Arrangement	A. Valves: GS-2033 through GS-2073 (41 total valves)
4.1-3	M207: Containment Spray System	A. Valves: CS-2001, CS-2002
4.1-4	--	B. Valves: Rapid-Acting Valves