

Washington Public Power Supply System

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Docket No. 50-460

G01-85-0139

June 13, 1985

Director of Nuclear Reactor Regulation
Attention: Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: NUCLEAR PROJECT NO. 1
RESPONSE TO GENERIC LETTER NO. 85-02
STEAM GENERATOR TUBE INTEGRITY

Generic Letter No. 85-02 requested licensees and applicants for an operating license to describe their programs for assuring steam generator tube integrity and for tube rupture mitigation. The descriptions were to be in sufficient detail that the staff could compare the programs against Enclosure 1 to the generic letter.

With one exception, all parts of the Enclosure concern inspections, procedures, and technical specifications. Because of the extended shutdown, these items have not been developed for WNP-1. We will address these parts of the generic letter after construction restart.

Item 6 of the Enclosure concerns the control logic for the safety injection pump suction flow path.

For WNP-1, during normal operation, the makeup pump is aligned to the makeup tank as shown in WNP-1 FSAR Figure 6.3-3a. Upon receipt of any Engineered Safety Features Actuation System (ESFAS) signal which results in the initiation of High Pressure Injection (HPI), the pump suction is immediately aligned to the Borated Water Storage Tank (BWST), FSAR Figure 6.3-3b. For WNP-1, there is no reliance on a low makeup tank level or operator action to achieve the transfer. The pump suction valves noted on FSAR Figures 6.3-3a and 3b, to receive the ESF-1A and 1B signals are MUS-V-136-A and MUS-V-137-B (makeup tank isolation) and MUS-V-144-A and MUS-V-141-B (BWST alignment). They are noted as such on Figures 9.3-5c and 9.3-5d. FSAR Table 7.3-3 shows these valves receive close and open signals upon ESFAS actuation 1A and 1B, which Table 7.3-1 shows are those ESFAS actuations which result in HPI.



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