

## Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

Docket No. 50-460  
September 23, 1983  
G01-83-0455

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

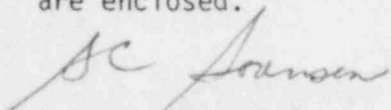
Subject: NUCLEAR PROJECT NO. 1  
RESPONSE TO NUREG-0737, ITEM II.E.1.1  
AND STANDARD REVIEW PLAN 10.4.9

In response to the subject documents, the Supply System transmits herewith the report titled, "Auxiliary Feedwater System Reliability Study for the Washington Public Power Supply System's Unit WNP-1", BAW-1762, Rev. 1, June 1983. While the report is noted as revision 1, an earlier version of the report has not been submitted to the NRC.

The report summarizes the failure modes and effects analysis and fault tree analysis used to determine the effects of single component failures on Auxiliary Feedwater System (AFWS) operation and system failure probability. The report concludes that the WNP-1 AFWS and associated controls are reliably designed and that the reliability goal set forth in SRP 10.4.9 is satisfied.

This report is intended to be a partial response to the subject documents. FSAR Subsection 1.10.1 contains the remaining information.

In accordance with NRC Generic Letter 82-14, 40 copies of the report are enclosed.



G. C. Sorensen, Acting Manager  
Nuclear Safety & Regulatory Programs (340)

GCS:AGH:pp

Enclosures

cc: HW Kwan, UE&C, PA (8U6) w/o  
NS Reynolds, D&L w/o  
RR Steinke, B&W w/o  
MC Thadani, NRC MD 116 w/a  
ORM (847) w/a  
FDCC (899) w/a

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A PDR

BAW-1762, Rev. 1

June 1983

AUXILIARY FEEDWATER SYSTEM RELIABILITY STUDY  
FOR THE WASHINGTON PUBLIC POWER SUPPLY SYSTEM'S  
UNIT WNP-1