

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8312020072 DOC. DATE: 83/11/23 NOTARIZED: NO DOCKET #  
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397  
 AUTH. NAME: SORENSEN, G.C. AUTHOR AFFILIATION: Washington Public Power Supply System  
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Confirms resolution of SER Suppl 3 (NUREG-0892) issue re.  
 seismic, environ & operability qualifications of valve  
 MS-V-220. Issuance of GE rept waiting final check.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2  
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

## NOTES:

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IE/DEQA/QAB 21	1 0	NRR/DE/AEAB	1 0
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NRR/DHFS/PSRB	1 0	NRR/DL/SSPB	1 0
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EXTERNAL: ACRS 41	6 0	BNL (AMDTs ONLY)	1 0
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I have been thinking of you very much lately and wondering how you are getting on. I hope you are well and happy. I have been very busy lately but I will try to write to you more often. I have been thinking of you very much lately and wondering how you are getting on. I hope you are well and happy. I have been very busy lately but I will try to write to you more often.

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## Washington Public Power Supply System

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

November 23, 1983  
G02-83-1092

Docket No. 50-397

Director of Nuclear Reactor Regulation  
Attention: Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2  
QUALIFICATION OF PVORT AUDIT ITEM MS-V-22C

Reference: NUREG-0892 WNP-2 SER Supplement No. 3

In response to WNP-2 SSER3, Section 3.10.2.2, this letter provides confirmation that the seismic, operability, and environmental concerns raised against valve MS-V-22C are resolved.

Our planned seismic qualification similarity analysis as described in SSER3, Section 3.10.2.2, is now substantially complete, and the WNP-2 valves were shown to be qualified. The final document preparation and checking required prior to General Electric issue of the report to the Supply System has not, however, been completed.

The Supply System has conducted two in-situ tests on the valve assembly. The first, a in-situ static deflection load stroke test, consisted of applying 12,800 pounds to the pneumatic operator cylinder flange in the weakest yoke bending axis, and the valve stroked in the deflected condition. Operating time was within specification limits before, during, and after the test. Our second test consisted of in-situ tests to determine the resonant frequencies of each control valve, the hydraulic damper assembly, and the limit switch mounting bracket. Results indicated no fundamental frequencies which would compromise the similarity analysis.

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Mr. A. Schwencer  
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In regard to the planned change of the solenoid valves, replacement of the inboard (MS-V-22A, B, C, D) solenoid valves will be completed prior to fuel load. The outboard units (MS-V-28A, B, C, D) are listed on Table B of the Justification For Interim Operation (JIO) and are scheduled for replacement at the first refueling outage.

Should you have any questions, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

*GC Sorensen*

G. C. Sorensen, Manager  
Regulatory Programs

DAA/sms

cc: R Auluck - NRC  
WS Chin - BPA  
A Toth - NRC Site  
JE Jackson - NRC Site