

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS) may

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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Power      05000397  
 AUTH. NAME      AUTHOR AFFILIATION  
 SORESEN, G.C.      Washington Public Power Supply System  
 RECIP. NAME      RECIPIENT AFFILIATION  
 SCHWENCER, A.      Licensing Branch 2

SUBJECT: Forwards recommendation for revised limiting condition LCO operation, allowing safe operation w/containment vent & purge valve mod. LCO proposed by NRC would impact ability to carry out initial power ascension testing.

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	IE/DEQA/QAB 21	1	1		NRR/DE/AEAB	1	0
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	NRR/DE/eqB 13	2	2		NRR/DE/GB 28	2	2
	NRR/DE/MEB 18	1	1		NRR/DE/MTEB 17	1	1
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	NRR/DHFS/PSRB	1	1		NRR/DL/SSPB	1	0
	NRR/DSI/AEB 26	1	1		NRR/DSI/ASB	1	1
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	NRR/DSI/RSB 23	1	1		<u>REG. FILE</u> 04	1	1
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EXTERNAL:	ACRS 41	6	6		BNL (AMDTS ONLY)	1	1
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	LPDR 03	1	1		NRC PDR 02	1	1
	NSIC 05	1	1		NTIS	1	1



## Washington Public Power Supply System

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December 8, 1983  
G02-83-1129

8312190068 831208  
PDR ADOCK 05000397  
A PDR

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:

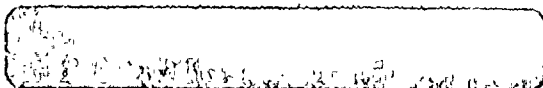
Subject: NUCLEAR PROJECT NO. 2  
QUALIFICATION AND OPERATION OF  
WNP-2 CONTAINMENT VENT & PURGE VALVES

References:

- a) Letter, A. Schwencer (NRC) to R. L. Ferguson (SS), "Request for Additional Information", dated September 16, 1982
- b) NUREG-0892, WNP-2 Safety Evaluation Report, Outstanding Issue No. 26, "Operability of Purge Valves"
- c) Letter, G02-83-170, G. D. Bouchey (SS) to A. Schwencer (NRC), "Vent & Purge Valves", dated February 24, 1983
- d) Letter, G02-83-550, G. D. Bouchey (SS) to A. Schwencer (NRC), "Qualification of WNP-2 Containment Vent and Purge Valves", dated June 22, 1983

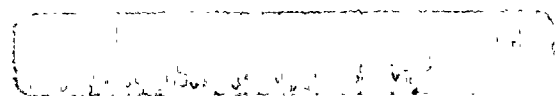
References a and b contain NRC requests for information regarding the WNP-2 containment vent and purge valves and References c and d are the Supply System's responses to the requests. These concerns have resulted in an NRC proposed Technical Specification Limiting Condition for Operation (LCO), for WNP-2 (Attachment A). This LCO would seriously impact the WNP-2 plant's ability to properly carry out initial power ascension testing and operation.

The purpose of this letter is to bring to the NRC's attention, additional information concerning the Supply Systems action to resolve this issue and to propose an alternate Technical Specification LCO (Attachment B). This LCO is consistent with the LCO that provides for the drywell and suppression chamber atmosphere inerting (Reference Technical Specification 3.6.6.2) and will allow compliance capability.



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1/1



A. Schwencer

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December 8, 1983

QUALIFICATION AND OPERATION OF WNP-2 CONTAINMENT VENT & PURGE VALVES

The Supply System is aware of NRC concerns which resulted from the staff's review of references c and d. These concerns have been discussed with the Equipment Qualification Branch and their consultant. The result of these discussions is the Supply Systems commitment to limit the valve opening angle to a point that provides a maximum air velocity equal to or below a Mach number of .3. This corresponds to a maximum valve opening of no more than 70 degrees (with full open equal to 90 degrees).

Appropriate valve limiting devices will be installed prior to exceeding 5% power. A revised package detailing the field modification to limit valve opening and demonstrate that the information provided in references c and d is appropriate with this valve opening limit will be provided by December 16, 1983.

Based on the Supply System commitment to limit valve opening, it is understood that the LCO which now requires that they be locked sealed closed may be relaxed. Provided in Attachment B is the Supply System recommendation to a revised LCO that would allow Safe Operation of WNP-2 with the subject valves appropriately modified.

The Supply System's planned December 16 submittal will provide the appropriate data to address the concerns now in place. Should you have any further questions, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

Very truly yours, .



G. C. Sorensen, Manager  
Regulatory Programs

JER/tmh  
Attachments

cc: R Auluck - NRC  
WS Chin - BPA  
AD Toth - NRC Site  
R Wright - NRC  
D Hoffman - NRC  
F Eltawila - NRC

