

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8605140001      DOC. DATE: 86/05/08      NOTARIZED: NO      DOCKET #  
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe      05000397  
 AUTH. NAME      AUTHOR AFFILIATION  
 SORENSEN, G. C.      Washington Public Power Supply System  
 RECIP. NAME      RECIPIENT AFFILIATION  
 ADENSAM, E. G.      BWR Project Directorate 3

SUBJECT: Withdraws 860328 request to defer qualification of six PSR  
 valves until second refueling outage, per 860328 application  
 for amend to Licence NPF-21.

DISTRIBUTION CODE: A048D      COPIES RECEIVED: LTR 1 ENCL 0      SIZE: 3  
 TITLE: OR/Licensing Submittal: Equipment Qualification

## NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	BWR EB	1 1		BWR PD3 PD 12	1 0
	BRADFUTE, J 01	1 1			
INTERNAL:	ACRS 15	8 8		ADM/LFMB	1 0
	ELD/HDS2 12	1 1		ELD SHIELDS, W	1 1
	GC 13	1 1		NRR BWR ADTS	1 1
	NRR BWR EB	1 1		NRR PWR-A ADTS	1 1
	NRR PWR-A EB	1 1		NRR PWR-B ADTS	1 1
	NRR PWR-B EB	1 1		NRR/ORAS CARTER	1 1
	<u>REG FILE</u> 04	1 1		RGN5	1 1
EXTERNAL:	24X	1 1		LPDR 03	1 1
	NRC PDR 02	1 1		NSIC 05	1 1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 28 ENCL

0  
~~26~~

1. The purpose of this document is to provide information regarding the activities of the [redacted] and the [redacted] in the [redacted] area. This information is being provided to you for your information only and is not to be used for any other purpose.

2. The information contained in this document is classified as [redacted] and is being provided to you under the authority of [redacted].

3. The information contained in this document is being provided to you for your information only and is not to be used for any other purpose.

[redacted]		[redacted]		[redacted]		[redacted]		
[redacted]		[redacted]		[redacted]		[redacted]		
[redacted]	1	[redacted]		2	[redacted]		[redacted]	
	2	[redacted]		3	[redacted]			
	3	[redacted]		4	[redacted]			
	4	[redacted]		5	[redacted]			
	5	[redacted]		6	[redacted]			
	6	[redacted]		7	[redacted]			
[redacted]	7	[redacted]		8	[redacted]		[redacted]	
	8	[redacted]		9	[redacted]			

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

8605140001 860508  
PDR ADCK 05000397  
P PDR

May 8, 1986  
G02-86-411

Docket 50-397

Director of Nuclear Reactor Regulation  
Attn: Ms E. G. Adensam, Project Director  
BWR Project Directorate No. 3  
Division of BWR Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Ms. Adensam

Subject: NUCLEAR PLANT NO. 2  
OPERATING LICENSE NPF-21, REQUEST FOR AMENDMENT  
TO OPERATING LICENSE, LICENSE CONDITION 16,  
ATTACHMENT 2, ITEM 3(a), PASS VALVE DEFERMENT,  
WITHDRAWAL OF

- Reference 1) Letter, G02-86-282, G.C. Sorensen (SS) to E.G. Adensam (NRC), same subject, dated March 28, 1986
- 2) Letter, D.B. Vasallo (NRC) to R.W. Capstick (VY NPC), NUREG-0737, Item II.B.3, dated January 14, 1985
- 3) Letter, J.R. Miller (NRC) to W.G. Counsil (Northwest Nuclear Energy Co.), NUREG-0737, Item II.B.3 Evaluation of Post-Accident Sampling Capabilities, dated June 14, 1984

Reference 1) requested a deferral of a licensing condition requiring fully qualified components meeting Regulatory Guide 1.97, Revision 2 requirements for six (6) PSR valves utilized in obtaining containment atmosphere samples, post accident. The components theoretically fail environmental qualification when exposed to post accident environmental conditions added to service conditions resulting from heat tracing and insulating of the valves.

A048  
1/0



E. G. Adensam

Page Two

May 8, 1986

REQUEST FOR AMENDMENT TO LICENSE, CONDITION 16, ATTACH.2,  
ITEM 3(a), PASS VALVE DEFERMENT, WITHDRAWAL OF

In a subsequent phone conversation between Messrs J.O. Bradfute and F. Witt of your staff and P.L. Powell, H.L. Aeschliman, R. Barbee, and L. Sharp of the Supply System on April 24, 1986, it was stated by the NRC that heat tracing and insulating of the lines and valves related to obtaining containment atmosphere samples for estimating core damage are not necessary. This is based on the fact that the basic requirement is to obtain a core damage estimate by measuring the noble gases in the containment atmosphere, which are not susceptible to plating out in the sample lines. The insulating and heat tracing was installed to prevent plateout. By the nature of the targeted isotopes to be analyzed, plateout cannot occur and there is no longer a need to provide insulation and heat tracing. Accordingly, the Supply System is revising the Post Accident Sample System to eliminate the requirements for heat tracing and insulating on the subject sample lines and valves. References 2 and 3 were provided by the staff to document this position.

Additionally, reference 1) identified that a reanalysis effort and inspection program would be conducted to verify the valves had not actually suffered degradation sufficient to render them not capable of surviving a potential accident exposure. That program has been completed and the actual service condition resulting from heat tracing is significantly lower than the conservative values assumed in the original qualification assessment. Coupled with the removal of the requirement for heat tracing and the lower actual to date service conditions the valves contain sufficient estimated life to remain inservice.

With this revision the requested deferment is no longer necessary; removal of heat tracing and insulation requirements resulting in elimination of the higher service temperature will allow the valves to meet qualification requirements. Hence the request to defer qualification of the six PSR valves until the second refueling outage is withdrawn and the proposed amendment to License Condition 16 is to be revised accordingly.



E. G. Adensam

Page Three

May 8, 1986

REQUEST FOR AMENDMENT TO LICENSE, LICENSE CONDITION 16, ATTACH. 2,  
ITEM 3(a), PASS VALVE DEFERMENT, WITHDRAWAL OF

It is requested that the staff provide confirmation of this position to  
the Supply System similar to that provided by references 2 and 3.  
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

PLP/bk

cc: JO Bradfute - NRC  
C Eschels - EFSEC  
JB Martin - NRC RV  
E Revell - BPA  
NS Reynolds - BLCP&R  
NRC Site Inspector

11-11-61

11

11

11-11-61

11