

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8609150208 DOC. DATE: 86/09/09 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: Responds to 860630 request for addl info re fire protection  
 program, App R, calculation for alternate shutdown from remote  
 control room utilizing six main steam safety relief valves.

DISTRIBUTION CODE: A006D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 44100  
 TITLE: OR/Licensing Submittal: Fire Protection

## NOTES:

	RECIPIENT ID CODE/NAME		COPIES			RECIPIENT ID CODE/NAME		COPIES	
			LTTR	ENCL				LTTR	ENCL
	BWR PD3 LA		1	0		BWR PD3 PD 01		5	5
	BRADFUTE, J		1	1		BWR PSB		1	1
INTERNAL:	ACRS	11	3	3		ADM/LFMB		1	0
	ELD/HDS2		1	0		IE WHITNEY, L		1	1
	NRR STANG, J	07	2	2		NRR WERMEIL, JO6		1	0
	<u>REG FILE</u>	04	1	1		RGN5		1	1
EXTERNAL:	LPDR	03	1	1		NRC PDR	02	1	1
	NSIC	05	1	1					

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States. They are interested in the history of the United States because they want to know more about the United States. They want to know more about the United States because they want to know more about the United States.

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| NAME     | AGE | SEX | REL | STATUS | REMARKS |
|----------|-----|-----|-----|--------|---------|
| JOHN DOE | 35  | M   | H   | W      | ...     |
| JANE DOE | 32  | F   | W   | W      | ...     |
| JOHN DOE | 10  | M   | S   | W      | ...     |
| JANE DOE | 8   | F   | D   | W      | ...     |
| JOHN DOE | 5   | M   | S   | W      | ...     |
| JANE DOE | 3   | F   | D   | W      | ...     |
| JOHN DOE | 1   | M   | S   | W      | ...     |
| JANE DOE | 1   | F   | D   | W      | ...     |

## Washington Public Power Supply System

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

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PDR ADDCK 05000397  
F PDR

September 9, 1986  
G02-86-859

Docket No. 50-397

Director of Nuclear Reactor Regulation  
Attn: 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, WNP-2 FIRE PROTECTION  
PROGRAM, APPENDIX R CALCULATION FOR ALTERNATE  
SHUTDOWN FROM REMOTE CONTROL ROOM UTILIZING SIX  
MAIN STEAM SAFETY RELIEF VALVES

Reference: Letter, G02-86-613, G. C. Sorensen (SS) to E. G. Adensam  
(NRC), "WNP-2 Fire Protection Program - Request for  
Additional Information", dated June 30, 1986

In the reference letter (NRC Question 2 of the Attachment), the Supply System committed to having the General Electric Company perform an independent verification of our analysis results that we had performed to provide reactor parameter responses following depressurization utilizing six (6) main steam line safety relief valves. That analysis has been performed and is included as Appendix 5 to the attached Supply System Report (NE-02-86-10, Rev. 0).

The final results of the GE analysis, and the Supply System's subsequent plant specific re-analysis, demonstrate that with credit taken for only those systems which are operable from the remote shutdown room(s), there is minimal core uncover as a result of the worst case design basis fire, and that the peak cladding temperature remains over 900°F below the value that would reasonably be expected to cause any serious cladding damage (1700°F).

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E. G. Adensam

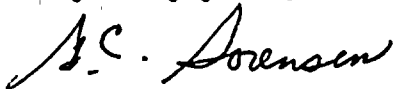
Page Two

September 9, 1986

WNP-2 FIRE PROTECTION PROGRAM, APPENDIX R CALCULATION FOR ALTERNATE  
SHUTDOWN FROM REMOTE CONTROL ROOM UTILIZING SIX MAIN STEAM SAFETY  
RELIEF VALVES

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

Very truly yours,



G. C. Sorensen, Manager  
Regulatory Programs

HLA/tmh  
Attachment

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

