

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8809190310 DOC.DATE: 88/09/12 NOTARIZED: YES 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
 Document Control Branch (Document Control Desk)

SUBJECT: Responds to NRC Bulletin 88-007, "Power Oscillations in BWR."

DISTRIBUTION CODE: IE11D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 3
 TITLE: Bulletin Response (50 DKT)

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME		LTTR	ENCL
	PD5 LA		1	0		PD5 PD		1	1
	SAMWORTH,R		1	1					
INTERNAL:	AEOD/DOA		1	1		AEOD/DSP		1	1
	AEOD/DSP/TPAB		1	1		NRR ALEXION,T		1	1
	NRR RIVENBARK,G		1	1		NRR/DEST/ADE 8H		1	1
	NRR/DEST/ADS 7E		1	1		NRR/DEST/MEB 9H		1	1
	NRR/DOEA/EAB 11		1	1		NRR/DOEA/GCB 11		1	1
	NRR/DREP/EPB 10		1	1		NRR/PMAS/ILRB12		1	1
	NUDOCS-ABSTRACT		1	1		REG FILE 02		1	1
	RES/DSIR/EIB		1	1		RGN5 FILE 01		1	1
EXTERNAL:	LPDR		1	1		NRC PDR		1	1
	NSIC		1	1					

TOTAL NUMBER OF COPIES REQUIRED: LTTR 22 ENCL 21

R
I
D
S
/
A
D
D
S

R
I
D
S
/
A
D
D
S

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

September 12, 1988
G02-88-196

Docket No. 50-397

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

Gentlemen:

Subject: NUCLEAR PLANT NO. 2
OPERATING LICENSE NPF-21
RESPONSE TO IEB 88-07, POWER OSCILLATIONS
IN BOILING WATER REACTORS (BWRS)

The subject bulletin requested fifteen and sixty day actions with regard to procedures and operator training for potential uncontrolled power oscillations.

Initial operator awareness and procedure revision at WNP-2 was initiated prior to issuance of the bulletin based upon information received from General Electric and INPO. Within fifteen days of the formal receipt of the bulletin, a training package was prepared which included the subject bulletin, Information Notice 88-39 and a procedure revision authored to address the power oscillation concern. This package was presented to the licensed operators and questions answered by a Shift Technical Advisor particularly knowledgeable on BWR core physics.

Within sixty days of formal receipt of the bulletin the License Training Department completed the additional training required by the bulletin. This included discussions of a procedure entitled "Loss of Forced Core Flow, Natural Circulation Condition", and a new procedure written specifically to address the power oscillation concern entitled "Entry into Regions of Potential Core Power Instabilities". The training included emphasis on those events that could lead to power oscillation, the immediate actions required, the potential instability region of the WNP-2 power/core flow map and the use of LPRMs and APRMs to indicate instability.

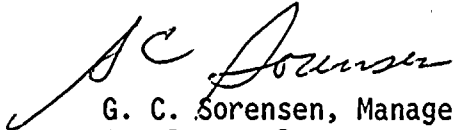
8809190310 880912
PDR ADOCK 05000397
Q PDC

IEH
1/1

Page Two
RESPONSE TO IEB 88-07 POWER OSCILLATIONS
IN BOILING WATER REACTORS (BWRS)

These activities satisfy the requested actions of the subject bulletin. The Supply System is working with the BWR Owners Group on the longer aspects of this concern.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

AGH/bk

cc: JB Martin - NRC RV
NS Reynolds - BCP&R
RB Samworth - NRC
DL Williams - BPA/399
NRC Site Inspector - 901A

STATE OF WASHINGTON)
COUNTY OF BENTON)

Subject: IEB. 88-07

I, G. C. Sorensen, being duly sworn, subscribe to and say that I am the Manager, Regulatory Programs for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that I have full authority to execute this oath; that I have reviewed the foregoing; and that to the best of my knowledge, information and belief the statements made in it are true.

DATE 12 SEPT, 1988

G. C. Sorensen
G. C. Sorensen, Manager
Regulatory Programs

On this day personally appeared before me G. C. Sorensen to me known to be the individual who executed the foregoing instrument and acknowledged that he signed the same as his free act and deed for the uses and purposes herein mentioned.

GIVEN under my hand and seal this 12 day of September 1988.

S. B. Michael
Notary Public in and for the STATE
OF WASHINGTON

Residing at Richland, WA.
Dec '89