

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9403090184 DOC.DATE: 94/02/25 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH.NAME AUTHOR AFFILIATION
 PARRISH, J.V. Washington Public Power Supply System
 RECIP.NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Provides update & addl detail re plans to perform stress improvement of nozzle to safe-end welds during refueling outage R-9 in Spring of 1994, as described in 921016 response to GL 88-01 & 930326 submittal re IGSCC insps.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME		LTTR	ENCL
	PDV LA		1	1		PDV PD		1	1
	CLIFFORD, J		2	2					
INTERNAL:	ACRS		6	6		NRR/DE/EELB		1	1
	NRR/DORS/OTSB		1	1		NRR/DRCH/HICB		1	1
	NRR/DRPW		1	1		NRR/DSSA/SPLB		1	1
	NRR/DSSA/SRXB		1	1		NUDOCS-ABSTRACT		1	1
	OC/LFDCB		1	0		OGC/HDS1		1	0
	<u>REG FILE</u>	01	1	1					
EXTERNAL:	NRC PDR		1	1		NSIC		1	1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 22 ENCL 20

MAJ



WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352-0968 • (509) 372-5000

Docket No. 50-397

February 25, 1994

G02-94-049

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: **WNP-2, OPERATING LICENSE NPF-21
STRESS IMPROVEMENT OF NOZZLE SAFE-END WELDS**

- References:
1. Letter, G02-92-241, dated October 16, 1992, G. C. Sorensen (SS) to NRC, "Response to Generic Letter 88-01".
 2. Letter, G02-93-123, dated May 26, 1993, J. V. Parrish (SS) to NRC, "Alternate Schedule for IGSCC Inspections".

In the listed references, the Supply System described plans to perform a stress improvement of nozzle to safe-end welds during refueling outage R-9 in the Spring of 1994. This letter provides an update and additional detail regarding these plans.

The stress improvement technique which has been selected is the Mechanical Stress Improvement Process (MSIP), an accepted process per Generic Letter 88-01. The scope of the stress improvement is the 25 Category D welds of the RPV nozzle to safe-ends and an additional 19 welds involving safe-end extensions. Attachment 1 provides a listing of 44 welds scheduled for treatment. All welds treated will receive a post treatment ultrasonic examination.

Please contact me or Ms Marsha Eades (509-377-4277) should you have any questions or desire additional information regarding this matter.

Sincerely,

J. V. Parrish (Mail Drop 1023)
Assistant Managing Director, Operations

/jms

Attachments

cc: KE Perkins - NRC RV
NS Reynolds - Winston & Strawn
JW Clifford - NRC

DL Williams - BPA/399
NRC Site Inspector - 927N

9403090184 940225
PDR ADDCK 05000397
PDR

ADD 1

11/15/50

11/15/50

11/15/50

11/15/50

11/15/50

11/15/50

11/15/50



ATTACHMENT 1

WELDS FOR STRESS IMPROVEMENT

<u>Nozzle#</u>	<u>#</u>	<u>ISI Weld #</u>	<u>ISI D/C</u>
N-1 RRC Suction	2	24RRC(2)A-1 24RRC(2)B-1	RFV-105
N-2 RRC Discharge	10	12RRC(1)-N2A-6 THRU 12RRC(1)-N2K-6	RFV-106
N-4 RFW Nozzle	6	12RFW(1)AA-11 " AB-11 " AC-13 " BD-11 " BE-11 " BF-14	RFV-108
N-4 RFW Safe End to Stub	6	12RFW(1)AA-10 " AB-10 " AC-12 " BD-10 " BE-10 " BF-13	
N-4 RFW Stub to Extension	6	12RFW(1)AA-9 " AB-9 " AC-11 " BD-9 " BE-9 " BF-12	
N-5 LPCS Noz. to S.E. Safe End to Ext.	1 1	10LPCS(1)-4 10LPCS(1)-3	RFV-109
N-16 HPCS Noz. to S.E. Safe End to Ext.	1 1	10HPCS(1)-4 10HPCS(1)-3	RFV-109
N-6 RHR/LPCI Nozzle to Safe End	3	12LPCI(1)A-6 " B-6 " C-6	RFV-110
N-6 RHR/LPCI Safe End to Extension	3	12LPCI(1)A-5 " B-5 " C-5	
N-9 Jet Pump Inst. Nozzle to S.E.	2	4JP(NZ)A-1 4JP(NZ)B-1	RFV-115
N-9 Jet Pump Safe End to Extension	2	4JP(NZ)A-2 4JP(NZ)B-2	
<u>TOTAL WELDS</u>	44		