

# REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8203020523. DOC. DATE: 82/02/19. NOTARIZED: NO. DOCKET # 05000397  
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe  
 AUTH. NAME: BOUCHEY, G.D. AUTHOR AFFILIATION: Washington Public Power Supply System  
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch '2'

SUBJECT: Discusses ongoing verification test of fuel oil transfer pumps inservice testing of solenoid operated valves, procuring skid mounted oil purification unit & correcting diesel exhaust line configurations to Tech Spec.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2  
 TITLE: PSAR/FSAR AMDTS and Related Correspondence

NOTES: 2 copies all matl: PM. 05000397

ACTION:	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTTR	ENCL		LTTR	ENCL
ACTION:	A/D LICENSNG	1	0	LIC BR #2 BC	1	0
	LIC BR #2 LA	1	0	AULUCK, R.	01	1
INTERNAL:	ELD	1	0	IE	06	3
	IE/DEP/EPDB 35	1	1	IE/DEP/EPLB 36	3	3
	MPA	1	0	NRR/DE/CEB 11	1	1
	NRR/DE/eqB 13	3	3	NRR/DE/GB 28	2	2
	NRR/DE/HGEB 30	2	2	NRR/DE/MEB 18	1	1
	NRR/DE/MTEB 17	1	1	NRR/DE/QAB 21	1	1
	NRR/DE/SAB 24	1	1	NRR/DE/SEB 25	1	1
	NRR/DHFS/HFEB40	1	1	NRR/DHFS/LQB 32	1	1
	NRR/DHFS/OLB 34	1	1	NRR/DHFS/PTRB20	1	1
	NRR/DSI/AEB 26	1	1	NRR/DSI/ASB 27	1	1
	NRR/DSI/OPB 10	1	1	NRR/DSI/CSB 09	1	1
	NRR/DSI/ETSB 12	1	1	NRR/DSI/ICSB 16	1	1
	NRR/DSI/PSB 19	1	1	NRR/DSI/RAB 22	1	1
	NRR/DSI/RSB 23	1	1	NRR/DST/LGB 33	1	1
	REG FILE	04	1			
EXTERNAL:	ACRS 41	16	16	BNL (AMDTS ONLY)	1	1
	FEMA-REP DIV 39	1	1	LPDR 03	1	1
	NRC PDR 02	1	1	NSIC 05	1	1
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TOTAL NUMBER OF COPIES REQUIRED: LTTR

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## Washington Public Power Supply System

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

February 19, 1982  
G02-82-238

Docket No. 50-397

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  
PSB MECHANICAL SER OPEN ITEMS

The following addresses those concerns expressed by Mr. Bob Giardini, Power Systems Branch Mechanical Reviewer, during a conference call with Supply System Licensing on Monday, February 8, 1982.

In the response to NRC Question 40.17, the Supply System committed to a one hour verification test of the fuel oil transfer pumps. The system will be placed in a configuration where the outlet valve of the pump is closed. This test will demonstrate that the pump minimum flow line is sized adequately to prevent the pump from overheating.

The Supply System commits to an inservice inspection program on the outlet valve of the fuel oil transfer pumps and their associated controls. This test will demonstrate that the solenoid operated valve will close upon simulated high day tank level.

Figure 1.2-12 of the FSAR is inaccurate in its depiction of the diesel exhaust line as it leaves the diesel penthouse. There is not now nor will there be an elbow fitting exterior to the penthouse. The exhaust line terminates horizontally at the exterior of the penthouse. Current drawings, M777 Rev. 21 and M778 Rev. 20, show the correct exhaust configuration.

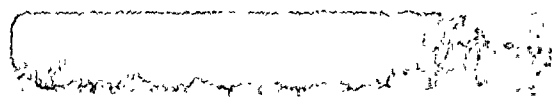
The Supply System would like to propose an alternative to the requirement for a ten (10) year cleaning and internal tank coating. This alternative consists of procuring a skid mounted oil purification unit and operating this unit on each fuel oil storage tank on a quarterly period. This purification system will take a suction from the pump-out connections at the east end of the tanks and return the purified fuel oil to the tanks at the west end fill connections.



3001  
1/6



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Mr. A. Schwencer  
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This purification system will consist of a preheater, filters and centrifuge purifier. This system will include sample connections on the inlet and outlet piping. This unit will remove water, surfactant and sediment from the oil.

This unit will not effect diesel operation if a start signal were to occur during the operation of this unit.

The suction of this unit will be by means of a pipe with an angled open end resting on the bottom of the storage tank.

This unit will be sized to allow two (2) complete turnovers during one operation period.

The Supply System has committed to both periodic sampling and a ten (10) year inspection of the fuel oil storage tank. If cleaning is found necessary during this inspection, it will be performed at that time. With the frequent use of this unit, sediment and water content of the fuel oil will be maintained well below the required specs.

The Supply System has queried many other utilities and not found that they have coated the insides of their fuel oil storage tanks. The Supply System feels that the addition of this purification system, periodic sampling and maintaining the required high level in the tanks fulfills the intent of ANSI N195 in regards to corrosion protection.

Thermostat settings will be moved up to 70°F. WNP-2 operations will set these room temperature alarms to 50°F which will make the control room operators aware of low Diesel Generator room temperature in sufficient time to take corrective action.

Very truly yours,

*G. D. Bouchey*

G. D. Bouchey  
Deputy Director, Safety and Security

TLM/jca

cc: R Auluck - NRC  
WS Chin - BPA  
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