

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8302230521 DOC. DATE: 83/02/14 NOTARIZED: NO DOCKET #
 .FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME AUTHOR AFFILIATION
 BOUCHEY, G.D. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Requests written confirmation of telcon w/RH Nelson, R Auluck
 & R Giandina that backfitting of diesel generators w/air
 dryers by first refueling outage acceptable.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR ___/ ENCL ___/ SIZE: 2
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES:

RECIPIENT		COPIES		RECIPIENT		COPIES	
ID	CODE/NAME	LTTR	ENCL	ID	CODE/NAME	LTTR	ENCL
NRR/DL/ADL		1	0	NRR LB2 BC		1	0
NRR LB2 LA		1	0	AULUCK, R.	01	1	1
INTERNAL: ELD/HDS2		1	0	IE FILE		1	1
IE/DEP EPDS	35	1	1	IE/DEP/EPLB	36	3	3
NRR/DE/AEAB		1	0	NRR/DE/CEB	11	1	1
NRR/DE/EQB	13	2	2	NRR/DE/GB	28	2	2
NRR/DE/HGEB	30	1	1	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/HFEB	40	1	1	NRR/DHFS/LQB	32	1	1
NRR/DL/SSPB		1	0	NRR/DSI/AEB	26	1	1
NRR/DSI/ASB		1	1	NRR/DSI/CPB	10	1	1
NRR/DSI/CSB	09	1	1	NRR/DSI/ICSB	16	1	1
NRR/DSI/METB	12	1	1	NRR/DSI/PSB	19	1	1
NRR/DSI/RAB	22	1	1	NRR/DSI/RSB	23	1	1
REG. FILE	04	1	1	RGN5		3	3
RM/DDAMI/MIB		1	0				
EXTERNAL: ACRS	41	6	6	BNL (AMDTs ONLY)		1	1
DMB/DSS (AMDTs)		1	1	FEMA-REP DIV	39	1	1
LPDR	03	1	1	NRC PDR	02	1	1
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Washington Public Power Supply System

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

February 14, 1983
G02-83-140

Docket No. 50-397

50-397

Director of Nuclear Reactor Regulation
Attention: 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
ADDITION OF DIESEL STARTING AIR DRYERS

Reference: G02-82-151, G.D. Bouchey (SS) to A. Schwencer (NRC)
"Submittal of SER Open Items", dated February 5, 1982

Air dryers are scheduled for installation on the WNP-2 Emergency Power Diesels (2) and the HPCS Diesel Starting Air Systems by the end of the first refueling outage as indicated by the reference. Page 9-54 of the SSER references our letter but indicates the air dryers are to be installed by fuel load. Recent telephone discussions between Messrs. R.M. Nelson (SS), R. Auluck (NRC), and R. Giardina (NRC), have reconfirmed our earlier agreements that backfitting of the diesel generators with air dryers by the first refueling outage will be acceptable. Written confirmation of this understanding (installation by first refueling outage) is requested.

Several WNP-2 design features and procedures tend to minimize moisture in the WNP-2 diesel generator air starting systems. The WNP-2 diesel generators and their starting air systems are located in a heated room with a minimum temperature of 70°F which will minimize moisture condensation compared with starting air systems that are subject to fluctuating ambient temperatures. Also, pressure reducing valves (250 psi to 210 psi) between the air receivers and air starting motor will cause most moisture to form and be drained from the system upstream of the PRV. This will minimize the moisture that reaches the starting air motor and corrosion products that will reach the air motor. Finally, maintenance procedures require daily opening of the air receiver drain and low point drains upstream of the air motors, thus, preventing system moisture build-up.

Boo/

8302230521 830214
PDR ADDCK 05000397
A PDR

Mr. A. Schwencer
Page Two
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The design features and procedural controls described above will minimize the moisture and corrosion products that reach the air motor and thus maintain a reliable air starting system during the first cycle of operation. The installation of air dryers during the first refueling outage will provide additional assurance of starting air system reliability during subsequent operating cycles.

Because of the potential for impacting the WNP-2 fuel load schedule if earlier installation of diesel air dryers is required, we request a response on this matter by the end of February 1983.

Very truly yours,



G. D. Bouchey,
Manager, Nuclear Safety and Regulatory Programs

JCM/jca

cc: R Auluck - NRC
WS Chin - BPA
R Giardina- NRC
A Toth - NRC Site

