

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

SESSION NBR:8908080277 DOC.DATE: 89/07/31 NOTARIZED: NO DOCKET #
 FACIL:50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH.NAME AUTHOR AFFILIATION
 PECK,S.H. Washington Public Power Supply System
 RECIP.NAME RECIPIENT AFFILIATION
 FAULKENBERRY,B. Region 5, Ofc of the Director

SUBJECT: Forwards Page 3 to util 890720 response to violations noted
 in Insp Rept 50-397/89-21.

DISTRIBUTION CODE: IE01D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2
 TITLE: General (50 Dkt)-Insp Rept/Notice of Violation Response

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME	PD5 PD	LTTR	ENCL		ID CODE/NAME	LTTR	ENCL	
INTERNAL:	ACRS		2	2		AEOD	1	1	
	AEOD/DEIIB		1	1		AEOD/TPAD	1	1	
	DEDRO		1	1		NRR SHANKMAN,S	1	1	
	NRR/DEST DIR		1	1		NRR/DLPQ/PEB	1	1	
	NRR/DOEA DIR 11		1	1		NRR/DREP/EPB 10	1	1	
	NRR/DREP/RPB 10		2	2		NRR/PMAS/ILRB12	1	1	
	NUDOCS-ABSTRACT		1	1		OE LIEBERMAN,J	1	1	
	OGC/HDS2		1	1		REG FILE 02	1	1	
	RES MORISSEAU,D		1	1		RGN5 FILE 01	1	1	
INTERNAL:	LPDR		1	1		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 25 ENCL 25

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

3 13:45

July 31, 1989
G02-89-131

Docket No. 50-397

Mr. B. H. Faulkenberry
Deputy Regional Administrator
U.S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596

Dear Mr. Faulkenberry:

Subject: NUCLEAR PLANT NO. 2
SUBMITTAL OF OMITTED INFORMATION TO
RESPONSE TO NRC INSPECTION REPORT 89-21

Reference: Letter, G02-89-120, G.D. Bouchey to NRC,
same subject, dated July 20, 1989

Attached is Page 3 of 12 of the reference report which was inadvertently omitted from the July 20, 1989 submittal. We regret any inconvenience this may have caused the Staff.

Very truly yours,

S. H. Peck, Supervisor
Materials Support Engineering

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

8908080277 890731
PDR ADOCK 05000397
R PDC

1/1
IE-01.



Coil rated voltage is specified in the purchase document and is stated on the relay's nameplate. It is normal procedure for the receipt inspection to verify by comparison that the received item's nameplate data matches the purchase documents description. The audited manufacturer's QA program gives us reasonable assurance that the correct nameplate is attached to the relay.

MIL-R-19523A(SHIPS) requires routine testing of each relay subject to MIL-R-19523A(SHIPS). This testing includes:

- o Visual and mechanical examination to verify the materials, design, construction, dimensions, weight, marking and workmanship.
- o Measuring the coil resistance to determine if it is within 10% of the value required by the design.
- o Measuring of the insulation resistance to determine if it is within design limits.
- o Measure of the pick-up and drop-out voltages at maximum operating temperature to determine that they are within specified limits.
- o A dielectric test.

The routine testing gives us reasonable assurance that the relays supplied are of high quality and that the problem documented by Palo Verde Unit 3 LER, Docket Number 50-530, does not exist for the supplied relays. Control over relays with known deficiencies identified by specified data code has been established to assure none are installed, available for installation or procured by the Supply System. Post maintenance testing would also reveal this problem.

Contact configuration is verified at time of installation by post maintenance testing.

Per the INPO NPRDS records on 968 MDR relays there have been 35 failures based on records from 12/84 to 10/88. The failure rate for this relay type is approximately 3×10^{-6} . This is considered by the Supply System to indicate a high reliability factor.

The Supply System has obtained certification that the relays supplied through Newark Electronics were manufactured by Potter & Brumfield to the purchase order requirements and the Potter & Brumfield QA program as verified by serial numbers on relays. A Supply System QA Auditor has verified that the tests and inspections required by the MIL Spec. were accomplished on 2/10/87 or 2/12/87.

Conclusion

The Supply System concludes that all critical characteristics of the relay have been verified by a combination of manufacturer's testing/inspection (Method 1*), Supply System testing/inspection (Method 1), audit of manufacturer (Method 2), performance history (Method 3) and approved vendor certification. Therefore, the relay installed by MWR AV1684 is acceptable for its application.

*Acceptance methods as defined in NCIG-07

