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ACCESSION NBR:8704070399 DOC.DATE: 87/04/01 NOTARIZED: NO DOCKET #
FACIL:STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529
AUTH.NAME AUTHOR AFFILIATION
BRADISH,T.R. Arizona Nuclear Power Project (formerly Arizona Public Serv
HAYNES,J.G. Arizona Nuclear Power Project (formerly Arizona Public Serv
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 87-005-00:on 870305,fire patrol for control diesel generator & main steam support structure performed late. Caused by malfunctioning access door to main steam support structure.Door returned to svc.W/870401 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 3
TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:Standardized plant.M.Davis,NRR:1Cy. 05000529

	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL
	PD5 LA	1	1	PD5 PD	1	1
	LICITRA,E	1	1	DAVIS,M	1	1
INTERNAL:	ACRS MICHELSON	1	1	ACRS MOELLER	1	1
	ACRS WYLIE	1	1	AEOD/DOA	1	1
	AEOD/DSP/ROAB	2	2	AEOD/DSP/TAPB	1	1
	NRR/ADT	1	1	NRR/DEST/ADE	1	0
	NRR/DEST/ADS	1	0	NRR/DEST/CEB	1	1
	NRR/DEST/ELB	1	1	NRR/DEST/ICSB	1	1
	NRR/DEST/MEB	1	1	NRR/DEST/MTB	1	1
	NRR/DEST/PSB	1	1	NRR/DEST/RSB	1	1
	NRR/DEST/SGB	1	1	NRR/DLPQ/HFB	1	1
	NRR/DLPQ/QAB	1	1	NRR/DOEA/EAB	1	1
	NRR/DREP/EPB	1	1	NRR/DREP/RAB	1	1
	NRR/PMAS/ILRB	1	1	NRR/PMAS/PTSB	1	1
	REG FILE 02	1	1	RES SPEIS,T	1	1
	RGN5 FILE 01	1	1			
EXTERNAL:	EG&G GROH,M	5	5	H ST LOBBY WARD	1	1
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	NSIC HARRIS,J	1	1	NSIC MAYS,G	1	1
NOTES:		1	1			

TOTAL NUMBER OF COPIES REQUIRED: LTTR 43 ENCL 41

NRC Form 366 (9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/88

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Palo Verde Unit 2	0 5 0 0 0 5 2 9	1 OF 0 2

TITLE (4)

Fire Patrol Performed Late Due to Malfunctioning Door

EVENT DATE (5)			LER NUMBER (6)					REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR		SEQUENTIAL NUMBER		REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)
											N/A	0 5 0 0 0
0 3	0 5	8 7	8 7	–	0 0 5	–	0 0	0 4	0 1	8 7	N/A	0 5 0 0 0

OPERATING MODE (9)	4	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
POWER LEVEL (10)	0 0 0	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
		20.406(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
		20.406(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
		20.406(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
		20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
		20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
	AREA CODE
Thomas R. Bradish, Compliance Supervisor (Ext. 6936)	6 0 2 9 3 2 – 5 3 0 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

At approximately 1800 MST on March 5, 1987, Palo Verde Unit 2 was in Mode 4 (HOT SHUTDOWN) at 0 percent power when an employee (utility non-licensed) reported that the hourly fire patrol for the Control Diesel Generator, and Main Steam Support Structure (MSSS)(NM) buildings had been performed late. The fire patrol had been established at 0938 MST on March 5, 1987 to monitor degraded thermolag in these areas pursuant to Technical Specification 3.7.12 Action a.

The root cause of this event was a malfunctioning access door in the MSSS building. As immediate corrective action another watchstander completed the watch immediately upon discovery of the missed watch. Additionally, a work authorizing document was issued and the door was returned to service.

Although other events of missed fire watches have been reported, there have been no similar events resulting from the same root cause.

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NRC Form 366

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Palo Vt 2	0 5 0 0 0 5 2 9	8 7	— 0 0 5	— 0 0	0 2 OF 0 2

TEXT (If more space ditional NRC Form 366A's) (17)

At apely 1800 MST on March 5, 1987, Palo Verde Unit 2 was in Mode 4 (HOT l) at 0 percent power when an employee (utility non-licensed) reported that ly fire patrol for the Control, Diesel Generator, and Main Steam Suppo:ture (MSSS)(NM) buildings had been performed late. The fire patro:en established at 0938 MST on March 5, 1987 to monitor degraded therm:ch had been identified in an NRC audit, pursuant to Technical Speci: 3.7.12 Action a.

This is discovered by the foreman at 1505 when the fire patrol did not arriv:e scheduled tours of the Control Building. The 80 foot MSSS patrol shoul:ommenced at 1400 and at 1440 the Control and Diesel Generator Build:s were due. Consequently the fire patrol was not performed within 1 hou:uired by Technical Specification 3.7.12 Action a. As an immediate corre:tion, another fire watch performed the patrol at 1523. The duration of th: was approximately 1 hour and 41 minutes.

The r:e of the event was attributed to a malfunction of the access door in thuilding. The fire watch was locked in the building at the completion of he:and could not notify the appropriate authority due to the unava:y of a telephone or a portable radio. To prevent recurrence, fire watch:immediately issued portable radios and a design change was issued to pe:y install a telephone in the MSSS building.

The r:e of the malfunctioning door was attributed to a magnetic lock impro:curing. A work order was generated and the door was returned to servi:view of other work documents revealed the magnetic lock has malfu: one other time in Unit 1 and once in Unit 2. A Engineering Evalu:quest (EER) has been initiated to evaluate the adequacy of the magne:ing mechanism in this application.

There structures, components, or systems that were inoperable at the start event, other than those described above, that contributed to the event, were no manual or automatic safety system responses. There were no unu:aracteristics of the work location or procedural deficiencies which contri:o the event. There were no preventable operator or personnel actions which :uted to this event.

This :d not adversely affect the safe operation of the plant or the health and sa the public since in the event of a fire, the fire suppression system would :tuated.

Althou: events of missed fire watches have been reported there have been no si:ents resulting from the same root cause.

Arizona Nuclear Power Project
P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

192-00170-JGH/TRB/ESP
April 1, 1987

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

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 2
Docket No. STN 50-529
Licensee Event Report 87-005-00
File: 87-020-404

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 87-005-00 prepared and submitted pursuant to 10 CFR 50.73. In accordance with 10 CFR 50.73(d), we are herewith forwarding a copy of the LER to the Regional Administrator of the Region V Office.

If you have any questions, please contact T. R. Bradish, Compliance Supervisor at (602) 932-5300 Ext. 6936.

Very truly yours,

JG Haynes

J. G. Haynes
Vice President
Nuclear Production

JGH/ESP/cld

Attachment

cc: O. M. DeMichele (all w/a)
E. E. Van Brunt, Jr.
J. B. Martin
R. P. Zimmerman
R. C. Sorensen
E. A. Licitra
A. C. Gehr
INPO Records Center

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