ACCELERATED





REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8807210046 DOC.DATE: 88/07/14 NOTARIZED: NO DOCKET # FACIL:STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528 AUTH.NAME AUTHOR AFFILIATION Arizona Nuclear Power Project (formerly Arizona Public Serv Arizona Nuclear Power Project (formerly Arizona Public Serv RECIPIENT AFFILIATION SHRIVER, T.D. HAYNES, J.G. RECIP.NAME R

SUBJECT: LER 84-001-00:on 841231, fire-rated assemblies not inspected & seals missing. ltr.

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

NOTES:Standardized plant.

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	RECIPIENT ID CODE/NAME PD5 LA LICITRA,E	COPIE LTTR 1 1		RECIPIENT ID CODE/NAME PD5 PD DAVIS,M	COPI LTTR 1 1	IES ENCL 1 1	
INTERNAL:	ACRS MICHELSON	1	1	ACRS MOELLER	· 2	2	
	AEOD/DOA	·ī	ī	AEOD/DSP/NAS	ĩ	ī	
• 11	AEOD/DSP/ROAB	2	2	AEOD/DSP/TPAB	ī	ĩ	
н	ARM/DCTS/DAB	ī	2 1	DEDRO	ī	ī	
	NRR/DEST/ADS 7E	` ī	.0	NRR/DEST/CEB 8H	ī	1	
	NRR/DEST/ESB 8D	ĩ	1	NRR/DEST/ICSB 7	1	ī	
	NRR/DEST/MEB 9H	1	.0 1 1	NRR/DEST/MTB 9H	1	1	
	NRR/DEST/PSB 8D	1	1	NRR/DEST/RSB 8E	1	1	
	NRR/DEST/SGB 8D·	1	1	NRR/DLPQ/HFB 10	l	. 1	
	NRR/DLPQ/QAB 10	1	1	NRR/DOEA/EAB 11	1	1	
	NRR/DREP/RAB 10	1	1	NRR/DREP/RPB 10	2	2	
	NRR/DRIS/SIB 9A	1	1	NUDOCS-ABSTRACT	.1	1	
· · · · ·	REG FILE) 02	1	1	RES TELFORD, J	`1	1	
	RES/DSTR DEPY	1	1	RES/DSIR/EIB	1	1	
· ,	RGN5 FILE 01	1	1				
EXTERNAL:	EG&G WILLIAMS, S	4	4	FORD BLDG HOY, A	1	1 `	
	H ST LOBBY WARD	1	1	LPDR	1	1	
	NRC PDR	1	1	NSIC HARRIS, J	1	1	
	NSIC MAYS,G	1.	1				

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TOTAL NUMBER OF COPIES REQUIRED: LTTR

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NRC Form 366 (9-83)			LICE	NSEE EVE	NT RE	PORT	(LER)	U.S. NI		D OMB NO.	COMMISSION 3150-0104
FACILITY NAME (1) Palo Ve	erde Unit	: 1						COCKET NUMBER		12181	PAGE (3)
Fire-Ra	ted Asse	mblies No	t Inspec	ted and	Seals	Miss	ina		·	<u></u>	
EVENT DATE (5)	LER NUMBER (6)	REPORT DAT	E (7)			FACILITIES INVO		NUMBERIS	······································
MONTH DAY	YEAR YEAR	NUMBER	REVISION A	AONTH DAY	YEAR	Palo	Verde Un				0151219
1 2 3 1 8	3 4 8 4	-001	-00	0 7 1 4	8 8	Palo	Verde Un	it 3	0 5	0 0 10	5 3 0
OPERATING MODE (9)	1 1	ORT IS SUBMITTED	PURSUANT TO	THE REQUIREM	ENTS OF 1	CFR §: (C	theck one or more a 50,73(s)(2)(iv)	t the following) (1		.71(b)	
POWER LEVEL 1 (105 (a) (1) (i) 105 (a) (1) (ii)	\square	50,36(e)(1) 50,36(e)(2)		F	50,73(a){2)(v) 50,73(a){2](vii)			.71(c) HER <i>(Specify</i>	la Ahimet
	20.4	106 (a) (1) (iii) 106 (a) (1) (iii)	x X	60.73(a)(2)(i)		日	60.73(4)(2)(viii)(A	•	be	low and in Te SAJ	xt, NRC Form
		105(a)(1)(v)		50,73(4)(2)(8) 50,73(4)(2)(14)			50,73(e)(2)(vi4)(1 50,73(e)(2)(x)				2.C.(7)
			LIC	ENSEE CONTACT	FOR THIS	LER (12)			TELEPHO	NE NUMBER	
Timothy	D. Shri	ver, Comp	liance M	lanager				AREA CODE	319	3 - 2	2 5 2 1
			NE LINE FOR E	ACH COMPONENT	<u></u>	<u> </u>	D IN THIS REPOR	r (13) Manufac-	REPOR		
CAUSE SYSTEM	COMPONENT	TURER	TO NPRDS		CAUSE	SYSTEM	COMPONENT	TURER	TON	PADS	
						<u>.</u>					
			TAL REPORT E					EXPECTE - SUBMISSI DATE (1)	DN '	MONTH	DAY YEAR
ABSTRACT (Limit to 1		SUBMISSION DATE) oproximately fifteen si	ingle-spece typewi	X NO		•					
appro	ximately	988, Palo 100 perc ating up	ent powe	er and Un	it 2	was iı	n Mode 3	(HOT STA			
fire- impai	rated as rment pr illance	g Evaluat semblies ocedure. tested as	that had Because	l not bee e of this	n pre omis	vious sion †	ly includ the seals	ed in the were no	€ fir t	•	
down penet	and insp rations	and 25th, ected. E were foun rotection	ight imp d. This	aired pe is in v	netra	tion :	seals and	fourtee	n uns		d
initi	ated. E	correctiv ER's will semblies.	be disp							f the	
				•							
;	0070400	46 00071	Λ	- -		•	•	·	-	• •	
		46 88071 CK 05000									· .

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RC Form 366A -83)		LICENSEE EVENT REF	PORT (LER) TEXT CONTINU	JATION	U.S. NUCLEAR REGULATORY (APPROVED OMB NO. 3150 EXPIRES: 8/31/88	
ACILITY NAME (1))		DOCKET NUMBER (2)	LER NUM	ER (6) PAG	E (3)
			*	YEAR SEQUER	TIAL REVISION	1
Palo Ve			0 5 0 0 0 5 2 8	8 4 - 0 0	1 - 0 0 0 2 0	F 0
DCT <i>IN m</i> ore spece is I.		CRIPTION OF WHAT OCCUR	RED		λ	
	Α.	Initial Conditions:		,		
×		On June 15, 1988, Pal OPERATION) at approxim 3 (HOT STANDBY) in the refueling outage.	mately 100 percent pow	ver and Unit	2 was in Mode	
	Β.	Reportable Event Desc of Major Occurrences)		tes and App	roximate Times	
		Event Classification:			, •	
		Violation of license operation or condition Specifications	condition 2.C(7) Fire n prohibited by the Pi	Protection lant's Techr	Program. Any nical	•
	ĸ	Impairment). The fir walked down and inspe- impaired penetration	ying fire-rated asseml on Manual Procedure 14 e-rated assemblies ide	AC-OZZOI (R AC-OZZOI (R Attified in 25th, 1988 Sealed penet	vere not fire System the EER were Eight crations were	
		elevation of the Cont located on the 74 foo	ation seals were locat rol Building, two pene t elevation of the Cor he Condensate Storage was located on the 120 Unit 3, one penetration n of the Control Build	ted on the l stration sea ntrol Buildi Tank Room.) foot eleva ion seal was ling and one	20 foot Is were Ing, and one In Unit 2, Ition of the located on penetration	
			ne 40 toot elevation of	or the Auxi		
		located on the 110 for located on the 140 for	ions were located in t on was located on the ructure (MSSS), one pe n of the MSSS, and one p House. In Unit 2, t ot elevation of the MS ot elevation of the MS ot elevation of the MS	the followin 120 foot el enetration v e penetration two penetrat SSS, two per SSS, two per SSS, two per SSS, and one	ig areas. In evation of the vas located on on was located tions were petrations were etrations were e penetration	

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IRC Form 358A 9-831		LICENSEE EVENT REP	ORT (LER) TEXT CONTI	NUATION		GULATORY COMMISS DMB NO. 3150-0104 1/88
ACILITY NAME (1)			DOCKET NUMBER (2)	, LER NUM		PAGE (3)
Palo Ver		11-21 1			BER WONUMBER	
		use additional NRC Form 305A's) (17) **				013 05 0
i		penetrations were loca one penetration was lo and one penetration wa	ocated on the 120 fo	ot elevation	of the MS	
		At approximately 1448 Center was notified of		88, the NRC O	perations	· .a *
	1	Prior to April 8, 1987 the Unit 1 and 2 Techn surveillance testing w assemblies were not in 3.7.12.	nical Specification was required, howeve	3.7.12. At . er, the fire-	that time rated	
		On December 31, 1984, December 9, 1985, the 25, 1987, the Unit 3 (Unit 2 Operating Li	cense was is		
(С.	Status of structures, the start of the event			e inoperab	le at
		Other than the penetra systems, or components that contributed to the	s were inoperable at			
Γ	D .	Cause of each componer	nt or system failure	e, if known:		*
	•	Not applicable - No co	omponent or system f	ailures were	involved.	
E	Ε.	Failure mode, mechanis known:	sm, and effect of ea	ch failed co	mponent, it	f ·
		Not applicable - no co	omponent failures we	ere involved.		
. F	F.	For failure of compone or secondary functions			st of syste	ems
		Not applicable - no co	omponent failures we	ere involved.		
	G.	For failure that rende estimated elapsed time train was returned to	e from the discovery			
		Not applicable - no sa result of this event.	afety systems were r	endered inop	erable as a	1
ł	Η.	Method of discovery of procedural error:	f each component or	system failu	re or	
		The procedural error w	was discovered durin	a Auality	Assurance :	audit

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83)	LICENSEE EVENT REPOR	T (LER) TEXT CONTINU	U.S. NUCLEAR REGULATO JATION APPROVED OMB NO, EXPIRES: 8/31/86	
CILITY NAME (1)		DOCKET NUMBER (2)		PAGE (3)
Palo Verde		0 5 0 0 0, 5 2 8	VEAN SEQUENTIAL ALVISION 8 4 - 0 0 1 1 - 0 0 0 4	OF 01
XT III more spece is required	that not all fire-rated protection program and, Final Safety Analysis Re	assemblies were inc therefore, not test port (FSAR) section which identified t walkdown of the fir ed assemblies ident	ed as required by the 9.5.1.4. This led to the fire-rated assemblies re-rated assemblies. The	
Ι.	Cause of event:			
	The cause of the event w fire protection supervis responsible for the impl program, did not ensure identified as required b	or (utility, non-li ementation of the s that all the fire-r	censed) who was tite fire protection	
	The cause of the unseale error on the part of the licensed) in that there review.	plant constructor		
	is indeterminate. The p frame should have been s event. However, ANPP be errors should have been development and initial procedure. The omission the failure to identify corrective actions. Alt	procedural controls sufficient to preven lieves that the des identified and corr implementation of t of the seals from the errors and obta hough the responsib interviews with cu based upon a misint	rected during the the surveillance test the procedure resulted in tin the appropriate the individual is no irrent employees indicate terpretation of the	e n
	a direct result of an er the original event date involved a precise deter made. ANPP believes tha described and that the o to prevent recurrence.	work locations adver scussed the initial the seals were contr lure to subsequentl ror in an approved and the unavailabil mination of the roo t this error is iso corrective actions i However, in the eve lable that would al	sely contributed to the design and installation ary to approved y identify the errors was procedure. Because of ity of the personnel of cause has not been plated to the event mplemented are sufficient ent that additional ter the determination of	s t

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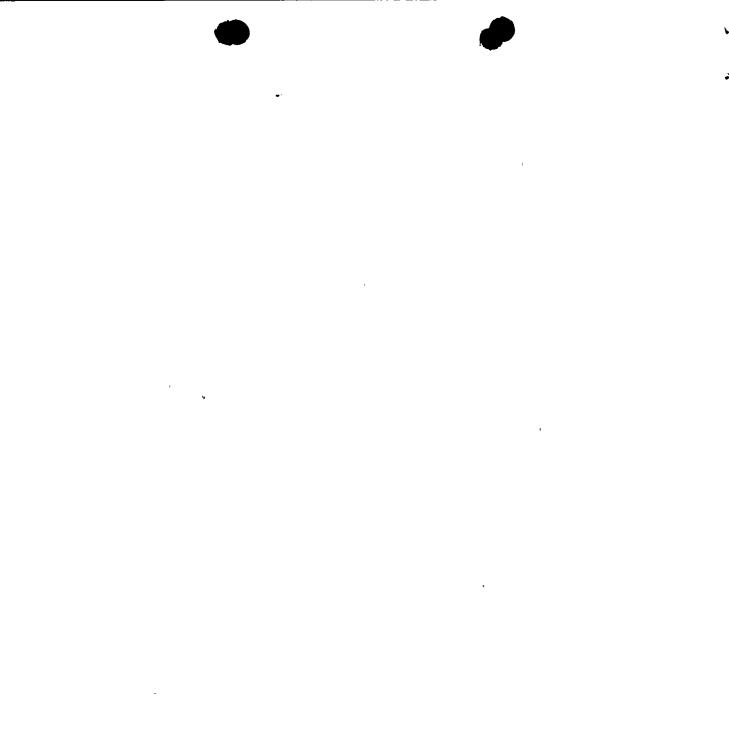
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NRC Form 366A (9-83)	LICENSEE EVENT REPOR	RT (LER) TEXT CONTINU	JATION	U.S. NUCLEAR REGULATORY COMMISSIO APPROVED OMB NO. 3150-0104 EXPIRES: 8/31/88
FACILITY NAME (1)		DOCKET NUMBER (2)	LER NUMBER	(6) PAGE (3)
			YEAR SEQUENT	AL REVISION
	rde Unit 1	0 15 10 10 10 15 12 18	8 4 - 0 0	
TEXT (If more space is	J. Safety System Response:			······································
	There were no manually responses and none were		itiated safet	cy system
	K. Failed Component Inform	ation:	u -	" •• •
	Not applicable - no com	ponent failures were	e involved.	
· II.	ASSESSMENT OF THE SAFETY CO	NSEQUENCES AND IMPL	CATIONS OF 1	HIS EVENT:
	There have been hourly fire Spray Pond Pump Houses and Condensate Transfer Pump Hou fire watches in place so a sufficient time for proper penetration seals posed no	the Main Steam Suppo use. Fire detection fire would be detect fire team response.	ort Structure a systems wer ced and alarm Therefore,	e and the e operable or med in the impaired
	In the case of the wall pen exist for a fire in one room equipment room which may have and maintain safe shutdown	n to spread into the ve adversely affecte	e redundant s ed the abilit	afety
ÌIII.	CORRECTIVE ACTIONS:	·		
	A. Immediate:	•		
	Compensatory fire watch identification of impain			on
	B. Action to Prevent Recur	rence:		
v	Fire protection procedu the fire-rated assemblic documents will be initia missing penetration sea	es that were identif ated for rework of a	ied. Approp	riate
IV.	PREVIOUS SIMILAR EVENTS:			
<i>′</i> -	There were no previous simi requirements of 10CFR50.73.	lar events reported	in accordanc	e with the
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Arizona Nuclear Power Project P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

> 192-00394-JGH/TDS/JEM July 14, 1988

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

Dear Sirs: 🔥

Subject: Palo Verde Nuclear Generating Station (PVNGS) Unit 1 Docket No. STN 50-528 (License No. NPF-41) Licensee Event Report 1-84-001-00 <u>File: 88-020-404</u>

Attached please find Licensee Event Report (LER) No. 84-001-00 prepared and submitted pursuant to 10CFR 50.73. In accordance with 10CFR 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. D. Shriver, Compliance Manager at (602) 393-2521.

Very truly yours,

tannes

J. G. Haýnes Vice President Nuclear Production

JGH/TDS/JEM/kj

Attachment

cc: D. B. Karner (all w/a) E. E. Van Brunt, Jr. J. B. Martin T. J. Polich E. A. Licitra A. C. Gehr INPO Records Center

