

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8711040001 DOC. DATE: 87/10/28 NOTARIZED: NO DOCKET #
 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528
 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 87-022-00: on 871001, determined that new fuel handling
 crane not surveillance tested prior to use on 870925 & 1001.
 Caused by inadequate guidance to personnel using crane. Test
 performed & caution tag attached to crane. W/871028 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES: Standardized plant.

05000528

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD5 LA	1 1	PD5 PD	1 1
	LICITRA, E	1 1	DAVIS, M	1 1
INTERNAL:	ACRS MICHELSON	1 1	ACRS MOELLER	2 2
	AEOD/DOA	1 1	AEOD/DSP/NAS	1 1
	AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
	ARM/DCTS/DAB	1 1	DEDRO	1 1
	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/RAB	1 1	NRR/DREP/RPB	2 2
	NRR/DRIS/SIB	1 1	NRR/PMAS/ILRB	1 1
	REG FILE 02	1 1	RES DEPY GI	1 1
	RES TELFORD, J	1 1	RES/DE/EIB	1 1
	RGN5 FILE 01	1 1		
EXTERNAL:	EG&G GROH, M	5 5	H ST LOBBY WARD	1 1
	LPDR	1 1	NRC PDR	1 1
	NSIC HARRIS, J	1 1	NSIC MAYS, G	1 1

NOTES:

1 1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 47 ENCL 46

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Palo Verde Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 5 2 8					PAGE (3) 1 OF 0 3	
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TITLE (4) Fuel Handling Crane Used Prior to Performance of Surveillance Test																
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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)													
1	0	0	1	8	7	8	7	0	2	2	0	0	1	0	2	8	8	7	N/A	0	5	0	0	0		
										N/A				0			5	0	0	0						

OPERATING MODE (9) 1		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)														
POWER LEVEL (10) 0 8 3	20.402(b)		20.405(e)		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)(vi)		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)(ix)											

LICENSEE CONTACT FOR THIS LER (12)																
NAME Thomas R. Bradish, Compliance Supervisor														TELEPHONE NUMBER 6 1 0 2 3 9 1 3 - 1 3 1 5 3 1 1		

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	

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 1355 MST on October 1, 1987, Palo Verde Unit 1 was in Mode 1 (POWER OPERATION) when it was identified that the 10 ton New Fuel Handling Crane was not surveillance tested prior to use on September 25, 1987 and October 1, 1987. This was contrary to Surveillance Requirements 4.9.7.

The cause of the event was that the guidance provided to the personnel who operate the crane did not contain the requirement to complete the surveillance test prior to use.

Immediate corrective action was to perform the surveillance test. The personnel involved were instructed by their foreman on the performance of the surveillance tests prior to use of the crane. Additionally, a yellow caution tag was placed on the power supply disconnect switch to caution users to verify that the surveillance test is complete prior to using crane.

As corrective action to prevent recurrence, a tag made of 3 ply laminated engraving stock will be attached to the pendant of the 10 Ton New Fuel Handling Crane. A tag will also be attached to the key for the crane. These tags will alert personnel to verify that the surveillance test has been satisfactorily completed before using the crane.

There were no previous similar events reported.

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PDR ADDCK 05000528
S PDR

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104

EXPIRES: 8/31/88

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

TEXT (If more space is required, use additional NRC Form 366A's) (17)

At 1355 MST on October 1, 1987, Palo Verde Unit 1 was in Mode 1 (POWER OPERATION) when it was identified that the 10 ton New Fuel Handling Crane (CRN) was not surveillance tested prior to use on September 25, 1987 and October 1, 1987. This was contrary to Surveillance Requirement 4.9.7 which states:

"Crane interlocks and physical stops which prevent crane travel with loads in excess of 2000 pounds over fuel assemblies shall be demonstrated OPERABLE within 7 days prior to crane use and at least once per 7 days thereafter during crane operation."

The event was identified October 1, 1987 by the Shift Supervisor (utility-licensed) on shift while discussing planned evolutions some of which involved use of the 10 ton New Fuel Handling Crane. The Shift Supervisor questioned whether the required surveillance test had been performed. A contract individual stated that the crane was presently being used to lift the gate (GATE) which separates the Spent Fuel Pool (ND) from the Transfer Canal (ND). The Shift Supervisor determined that the surveillance had not been performed and directed maintenance personnel (utility non-licensed) to lower the gate back in place. Further review identified that the crane had been used to move the gate from its storage position to the in-place position on September 25, 1987, without performing the surveillance test. The surveillance test was performed satisfactorily on October 2, 1987.

The cause of the event was that the guidance provided to the personnel who operate the crane did not contain the requirement to complete the surveillance test prior to use.

Immediate corrective action was to perform the surveillance test. The personnel involved were instructed by their foreman on the performance of the surveillance test prior to use of the crane. Additionally, a yellow caution tag was placed on the power supply disconnect switch to caution users to verify that the surveillance test is complete prior to use of the crane.

As corrective action to prevent recurrence, a tag made of 3 ply laminated engraving stock will be attached, to the pendant of the 10 Ton New Fuel Handling Crane. A tag will also be attached to the key for the crane. These tags will alert personnel to verify that the surveillance test has been satisfactorily completed before using the crane. This action will be accomplished in all 3 Palo Verde Units.

There were no automatic or manual safety system responses. There were no structures, systems, or components inoperable prior to the event other than as described above that contributed to the event. There were no unusual characteristics of the work location. The event lasted approximately 7 days. There were no other operator actions other than as discussed above.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104

EXPIRES: 8/31/86

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

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Since the gate was not moved over fuel assemblies in the fuel pool and the surveillance test was performed satisfactorily on October 2, 1987, there was no threat to the health and safety of the public.

There were no previous similar events reported.



Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

192-00301-JGH/TRB/JEM

October 28, 1987

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

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. 50-528
Licensee Event Report 1-87-022-00
File: 87-020-404

Attached please find Licensee Event Report (LER) No. 1-87-022-00 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. R. Bradish, Compliance Supervisor at (602) 393-3531.

Very truly yours,

J. G. Haynes
Vice President
Nuclear Production

JGH/JEM/cld

Attachment

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

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