REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8705120244 DOC. DATE: 87/05/06 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 87-013-00: on 870408, Limiting Condition for Operation 3.0.3 entered due to inoperability of ESF pump room air exhaust sys. Caused by cognitive personnel error. Memo sent to onsite managers reminding of responsibilities. W/870506 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. M. Davis, NRR: 1Cy. 05000528

	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
	AEOD/DOA	1	1	AEOD/DSP/ROAB	2	2
	AEOD/DSP/TPAB	1	1	DEDRO	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/DREP/RPB	2	2
	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
	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 44 ENCL 42

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 1	0 5 0 0 0 5 2 8	1 OF 0 3

TITLE (4)
Entry Into Technical Specification LCO 3.0.3 Due to Personnel Error

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 4	0 8	8 7	8 7	— 0 1 3	— 0 0	0 5	0 6	8 7	N/A	0 5 0 0 0

OPERATING MODE (9): 1

POWER LEVEL (10): 1 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER (AREA CODE)
T. 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)

[ ] YES (If yes, complete EXPECTED SUBMISSION DATE) [X] NO

EXPECTED SUBMISSION DATE (15): MONTH | DAY | YEAR

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

At approximately 1351 MST on April 8, 1987, Palo Verde Unit 1 was in Mode 1 (POWER OPERATION) at 100 percent power when Technical Specification (T.S.) Limiting Condition for Operation (LCO) 3.0.3 was entered due to the inoperability of the Engineered Safety Features (ESF) pump room air exhaust systems. T.S. LCO 3.0.3 was exited at approximately 1541 on April 8, 1987 following the successful completion of Surveillance Test 73ST-9HF01 (Fuel Building AFU Airflow Capacity and Pressurization Test). This event was discovered by a System Engineer (utility non-licensed) during a review of 73ST-9HF01 for future revisions.

The root cause of this event was a cognitive personnel error by a system engineer (contractor non-licensed) in that he did not properly complete the "Surveillance Test Package Review Sheet". The responsible system engineer is no longer employed by Arizona Nuclear Power Project. As corrective action, a memo has been sent to onsite Managers to remind them it is the responsibility of each performance group to track their own Conditional ST's and any portion of a scheduled ST that could not be performed in its entirety to ensure their status is maintained current.

No similar events have been reported where improper documentation of a partial surveillance test has resulted in exceeding a surveillance requirement.

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8705120244 870506
PDR ADOCK 05000528
S PDR

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

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

At approximately 1351 MST on April 8, 1987, Palo Verde Unit 1 was in Mode 1 (POWER OPERATION) at 100 percent power when Technical Specification (T.S.) Limiting Condition for Operation (LCO) 3.0.3 was entered due to the inoperability of the Engineered Safety Features (ESF)(JE) pump room air exhaust systems (AHU). In accordance with T.S. LCO 3.0.3, actions were initiated to place the unit in a Mode in which the ESF pump room air exhaust cleanup systems are not required to be operable. T.S. LCO 3.0.3 was exited at approximately 1541 on April 8, 1987 following the successful completion of surveillance test 73ST-9HF01 (Fuel Building AFU Airflow Capacity and Pressurization Test). The duration of this event was 1 hour and 50 minutes.

On April 8, 1987, a system engineer (utility non-licensed) was reviewing the January 31, 1986 performance of surveillance test (ST) 73ST-9HF01 for future revisions when he discovered that the ESF pump room air exhaust cleanup systems had not been surveillance tested as was indicated on the "Surveillance Test Package Review Sheet". The system engineer discovered an entry in the surveillance test log that stated that the ESF pump room air exhaust cleanup systems were due to be surveillance tested in October 1986.

In accordance with T.S. 4.7.8.b.1, b.3, d.1 and d.2, the ESF pump room air exhaust cleanup systems must be demonstrated operable once every 18 months. The previous test had been completed satisfactorily in April, 1985. The surveillance test interval, including the maximum allowable extension of 25 percent, was exceeded in March 1987.

Upon notification of the finding, the Unit 1 Shift Supervisor (utility licensed) declared the ESF pump room air exhaust cleanup systems inoperable and entered the unit into T.S. LCO 3.0.3. The ESF pump room air exhaust cleanup system was declared operable and T.S. LCO 3.0.3 exited at approximately 1541 following successful completion of the surveillance testing.

The root cause of this event was a cognitive personnel error by the system engineer (contractor non-licensed) in that he did not properly complete the "Surveillance Test Package Review Sheet". The responsible system engineer is no longer employed by Arizona Nuclear Power Project. The improper completion of the Surveillance Test Package Review Sheet" resulted in the Surveillance Program Control Group scheduling the next performance of 73ST-9HF01 for June 10, 1987. As a result, the surveillance interval for the ESF pump room air exhaust cleanup system was exceeded. Improper completion of the "Surveillance Test Package Review Sheet" is contrary to approved procedural controls.

As corrective action, a memo has been sent to all onsite Managers to remind them it is the responsibility of each performance group to track their own Conditional ST's and any portion of a scheduled ST that could not be performed in its entirety to ensure their status is maintained current.

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

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

The successful completion of 73ST-9HF01 demonstrated the operability of the ESF pump room air exhaust cleanup system. Since the ESF pump room air exhaust cleanup system operated as designed, this event did not affect the safe operation of the plant or the health and safety of the public.

There were no structures, components, or systems that were inoperable at the start of the event, other than those described above, that contributed to the event. There were no unusual characteristics of the work location which contributed to the event. There were no automatic or manually initiated safety system responses. There were no operator actions which contributed to this event.

No similar events have been reported where improper documentation of a partial surveillance test has resulted in exceeding a surveillance requirement.

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

192-00203-JGH/TRB/MJC
May 6, 1987

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

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528
Licensee Event Report 87-013-00
File: 87-020-404

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 87-013-00 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,

J G Haynes

J. G. Haynes
Vice President
Nuclear Production

JGH/MJC/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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