

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Palo Verde Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 5 2 9	PAGE (3) 1 OF 0 1 2
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TITLE (4)
Log Power Level Channel Check Missed By Operator During Surveillance Test

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)
01	22	86	86	003	000	02	20	86			050000
											050000

OPERATING MODE (9) 5

POWER LEVEL (10) 0.00

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

20.402(b)	20.406(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)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
William F. Quinn, Manager - Nuclear Licensing (Extension 4087)	6 0 1 2 9 4 1 3 1 7 2 1 0 1 0

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

At approximately 1315, on January 22, 1986, Palo Verde Unit 2 was in Mode 5, prior to initial criticality, when it was discovered that a surveillance test had not been completed within the required time frame. The operations department surveillance test review group discovered that a step in a surveillance test procedure had not been completed during its performance. This step is utilized to satisfy the Logarithmic Power Level Channel Check requirement for the Plant Protection System.

A licensed reactor operator left out the Logarithmic Power Level Channel Check step during performance of a surveillance test procedure on January 12, 1986. The assistant shift supervisor also missed the step while he was reviewing the procedure.

To prevent recurrence, the operator and assistant shift supervisor were counseled on carefully following procedures. Also, the shift technical advisors are now reviewing the operations surveillance tests during the shifts.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

At approximately 1315, on January 22, 1986, Palo Verde Unit 2 was in Mode 5 (COLD SHUTDOWN), prior to initial criticality, when it was discovered that a surveillance test had not been completed within the required time frame. Performance of the surveillance test is required every 12 hours by Technical Specification 4.3.1.1.

The operations department surveillance test review group discovered that a step in a surveillance test procedure had not been completed during its performance. This step is used to satisfy the Logarithmic Power Level Channel Check requirement for the Plant Protection System (JC).

A licensed operator satisfactorily performed the surveillance test procedure on January 12, 1986, at 0908. The next performance of the procedure was completed at 2010 on January 12, 1986. However, the licensed operator did not perform the Logarithmic Power Level Channel Check step as required. This was a personnel error and contrary to an approved procedure. The surveillance test was satisfactorily performed again at 0920 on January 13, 1986.

The root cause of the event was the failure of the operator to fully read the procedure as he was performing it. Also, the senior reactor operator licensed assistant shift supervisor did not carefully review the surveillance test prior to signing it.

To prevent recurrence, the operator and assistant shift supervisor were counseled on carefully following procedure. As a second check, after the shift supervision review, the shift technical advisors will now review the operations surveillance tests during the shift. This will allow the surveillance tests to be reviewed again prior to the time the surveillance expires. If an error in performance of a surveillance is found, it can be reperformed within the allowable time.

Subsequent performance of the surveillance test showed that the Logarithmic Power Channels were within the specified acceptance criteria. The channels were functional during the course of the event and could have performed their intended function if needed. Therefore, the event had no impact on the health and safety of the public or the safe operation of the plant.

Previously, a similar event occurred in Unit 2 as reported in LER 86-001-00.



Arizona Nuclear Power Project

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February 20, 1986
ANPP-35239-EEVB/SGB

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 (License NPF-46)
Licensee Event Report - 86-003-00
File: 86-020-404

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 86-003-00 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 question, please contact me.

Very truly yours,

E. E. Van Brunt, Jr.
Executive Vice President
Project Director

EEVB/SGB/rw
Attachment

cc: J. B. Martin (all w/a)
R. P. Zimmerman
A. L. Hon
E. A. Licitra
A. C. Gehr
INPO Records Center

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