

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Palo Verde Unit 1

DOCKET NUMBER (2)

0 5 0 0 0

PAGE (3)

1 OF 0 2

TITLE (4)

Inadvertent Start of Diesel Generator B

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)
04	02	85	85	02	2	00	05	02	85	0 5 0 0 0

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8. (Check one or more of the following) (11)									
POWER LEVEL (10) 0101		20.402(b)		20.405(c)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)		73.71(b)			
		20.405(a)(1)(i)		50.38(e)(1)		50.73(a)(2)(v)		73.71(e)			
		20.405(a)(1)(ii)		50.38(e)(2)		50.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 365A)			
		20.405(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(vii)(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)(ix)					

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
W. F. Quinn (extension 4087)	AREA CODE 610 2 914 31-17 21010

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)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/>	<input checked="" type="checkbox"/>				

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

At approximately 1356 on April 2, 1985, an inadvertent start occurred on Generator B during the performance of retesting per Contractor Work Order (CWO) 81614 for Plant Change Procedure (PCP) 85-13-DG-021 that modified the Diesel Generator starting circuit to conform to FSAR Section 8.3.1.1.4.3.

The CWO was amended to remove the 4EX1, 4EX2, and 4S relays from the circuit as a precaution against any further start signals and the retest was completed without further incident.

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PDR ADCK 05000528
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Palto Verde Unit 1	0500052885	-0	20	-0	002	OF 02

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

At approximately 1356 on April 2, 1985, while in Mode 5, an inadvertent start occurred on Diesel Generator B during the performance of retesting per CWO 81614 for PCP 85-13-DG-021 that modified the Diesel Generator starting circuit to meet FSAR Section 8.3.1.1.4.3.

Diesel Generator B started when the Work Order directed the Test Directors to jumpers and energize the 4EX3 relay. A "sneak" circuit, which was not found during the writing of the retest, caused the 4EX1 relay to energize when the 4EX3 relay energized, giving the engine a start signal. Diesel Generator B started and ran for approximately 20 seconds before being shutdown by lifting the jumper to the 4EX3 relay.

Upon analysis of the Diesel Generator starting circuit, the current path was found that energized the 4EX1 relay and circuit was verified to have functioned per design. CWO 81614 was amended to remove the 4EX1, 4EX2, and 4S relays from the circuit as a precaution against any further start signals and the retest was completed without further incident.

At the time the inadvertent actuation of Diesel Generator B occurred, both Diesel Generators had been declared inoperable pending implementation of PCP 85-13-DG-021, therefore, this actuation had no direct effect on emergency start capability.



Arizona Nuclear Power Project

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

ANPP-32544-EEVB/GEC
May 2, 1985

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528, License No. NPF-34
Licensee Event Report-Inadvertent Start of Diesel Generator
File: 85-056-026; G.1.01.10

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 85-020-00 prepared and submitted pursuant to 10 CFR 50.73. This LER addresses an inadvertent start of Diesel Generator B. By copy of this letter we are also forwarding a copy of the LER to the Regional Administrator of the Region V Office.

If you have any questions or concerns, please contact me.

Very truly yours,

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

EEVB/GEC/das
Attachment

cc: J.B. Martin
R.P. Zimmerman
A.L. Hon
E.A. Licitra
A.C. Gehr
INPO Records Center

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