NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

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 2

TITLE (4)

Loss of Offsite Power (LOP) Due to Inadvertent Tripping of Circuit Breaker

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)
0 1	3 1	8 5	8 5	0 0 6	0 0					0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9)	5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
POWER LEVEL (10)	0 0 0	20.402(b)	20.405(c)	X 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)	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
William F. Quinn (extension 6087)	AREA CODE 6 0 2 9 4 3 - 7 2 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	
A	N A	B K R	W 1 2 0	N							

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 0940, the S05 bus feeder breaker from startup transformer X03, 1E-NAN-S05B, tripped while tagging out control circuit fuses in the breaker cubicle. At the time, the unit was in MODE 5 with the reactor coolant loops partially drained and the "B" shutdown cooling loop in service. Tripping of the circuit breaker caused a loss of power to the train "A" class 1E bus. The "A" diesel generator started and energized the train "A" class 1E bus. The S05 bus was re-energized and phased to the class 1E bus, and the diesel generator was shut down.

Investigation showed that no protective relays had tripped. It was determined that the operator had accidentally hit the breaker control switch on the cubicle door when closing it.

As a result of this incident, members of the operating crew have been cautioned to exercise care in the performance of their duties.

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

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

With Unit 1 in MODE 5 and the Reactor Coolant System (RCS) partially drained, a Loss of Power (LOP) occurred on the "A" train class 1E bus, 1E-PBA-S03.

An operator had been dispatched to tag-out control circuit fuses in breaker 1E-NAN-S05B. The circuit breaker is the normal feeder breaker to 13.8KV non-class bus 1E-NAN-S05 from the #2 Startup Transformer. Bus 1E-NAN-S05, through a 13.8KV/4.16KV transformer, is the normal power supply to the "A" train class 1E bus, 1E-PBA-S03.

The operator had placed a clearance tag on the fuses, which are located inside the breaker cubicle. When the operator closed the cubicle door the breaker tripped. An investigation did not find any protective relay targets. The operator indicated that he may have accidentally hit the control switch with his clipboard.

The loss of power to the class 1E bus caused the "A" diesel generator to start and energize the bus. All systems functioned correctly.

Bus 1E-NAN-S05 was subsequently re-energized and phased to the class 1E bus. The diesel generator and associated equipment, which started automatically, were then shut down.

As a result of this incident, members of the operating crew have been cautioned to exercise care in the performance of their duties.

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

ANPP-32038-EEVB/WFQ
March 1, 1985

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, License No. NPF-34
Licensee Event Report
File: 85-056-026; G.1.01.10

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 85-006-00 prepared and submitted pursuant to 10 CFR 50.73. 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

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

EEVB/GEC/mb
Attachment

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

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