

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 2	
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TITLE (4) Automatic Actuation of Balance of Plant Engineered Safety Feature System															
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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)												
0	4	0	5	8	5	8	5	0	1	7	0	0	0	5	0	6	8	5	0	5	0	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)				20.406(c)				<input checked="" type="checkbox"/> 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)				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 William F. Quinn (extension 4087)												TELEPHONE NUMBER 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 NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	

SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO				

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

Following maintenance, while closing the breaker to the Control Room ventilation radiation monitor (RU-29), a momentary high output occurred causing the Train "A" Control Room Essential Filtration Actuation Signal ("A" CREFAS) which also cross-tripped the Train "B" Control Room Essential Filtration Actuation Signal ("B" CREFAS). Both Train "A" and "B" signals were reset and all actuated equipment was secured to return the systems to normal.

Corrective action planned to prevent recurrence is to place the affected Balance of Plant Engineered Safety Features Actuation System (BOP ESFAS) module in bypass prior to restoration of power to the associated radiation monitor.

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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		
Palo Verde Unit 1	0 5 0 0 0 5 2 8 8 5	—	0 1 7	— 0 0	0 2	OF 0 2

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

On April 5, 1985, at 0907, the plant was in Mode 5 and maintenance had been completed on Control Room ventilation radiation monitor RU-29. When the supply breaker for RU-29 was closed, energizing the monitor, a momentarily high output spike occurred, exceeding the setpoint for automatic trip of Train "A" CREFAS and resulting in a cross-trip of Train "B" CREFAS. All actuated equipment functioned properly. Both Train "A" and "B" signals were reset and all actuated equipment was secured to return the systems to normal.

The cause of this event was the failure of non-licensed operator personnel involved to understand and anticipate what is considered a normal response for a radiation monitor output, a momentarily high spike when reenergized, and that the CREFAS could be expected to respond to this momentary high signal.

Corrective action to prevent recurrence is to place the affected BOP ESFAS module in bypass per procedure 410P-1SA01, section 11.0 prior to restoration of power to the radiation monitor. After verifying that there are no radiation monitor trip inputs the module may be removed from bypass using procedure 410P-1SA01, section 12.0.

Procedure 410P-1SA01, which provides necessary steps to place BOP ESFAS modules into and out of bypass, has been recently developed with an effective date of April 4, 1985. Operating Department personnel will be made aware of this event and instructed in the use of procedure 410P-1SA01.

All systems performed properly as designed and there was no safety implications to plant personnel, equipment, or to the public as a result of this event.



Arizona Nuclear Power Project

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

ANPP-32562-EEVB/GEC
May 6, 1985

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528, License No. NPF-34
Licensee Event Report-Automatic Actuation of
Balance of Plant Engineered Safety Feature System
File: 85-056-026; G.1.01.10

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 85-017-00 prepared and submitted pursuant to 10 CFR 50.73. This LER addresses an automatic actuation of the Balance of Plant Engineered Safety Feature System. 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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