

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)		DOCKET NUMBER (2)		PAGE (3)	
Palo Verde Unit 1		05000528		1 OF 02	
TITLE (4)					

Automatic Actuation of Balance of Plant Engineered Safety Feature System

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	5	0	8	8	5	8	5	-	0	3	3	-	0	0	0	6	0	7	8	5		0	5	0	0	0				

OPERATING MODE (8)		3		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 83. (Check one or more of the following) (11)									
POWER LEVEL (10)	0100	20.402(b)		20.405(c)		X		50.73(a)(2)(iv)		73.71(b)			
		20.405(a)(1)(i)		50.36(e)(1)				50.73(a)(2)(v)		73.71(c)			
		20.405(a)(1)(ii)		50.36(c)(2)				50.73(a)(2)(vi)					
		20.405(a)(1)(iii)		50.73(a)(2)(i)				50.73(z)(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)(ix)					
OTHER (Specify in Abstract below and in Text, NRC Form 355A)													

NAME		TELEPHONE NUMBER	
William F. Quinn, Manager of Licensing (extension 4087)		AREA CODE	
		6102	9431-172010

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)		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)

While attempting to troubleshoot and restore an inoperable monitor of the radiation monitoring system, a radiation protection technician caused the inadvertent actuation of Control Room Essential Filtration and Containment Purge Isolation; this was caused by the re-energizing of the "Remote Indication and Control Unit" (RIC) for RU-38.

The Unit 1 R.P. Technicians have been advised that their "troubleshooting" of plant systems shall be limited to identification of observable effects. Any required maintenance must be performed by the personnel responsible for the upkeep of the system.

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PDR ADOCK 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			
Palo Verde Unit 1	0 5 0 0 0 5 2 8	8 5	— 0 3 3	— 0 0	0 2	OF	0 2

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

On May 8, 1985, at 1745, Palo Verde Unit 1 was in Mode 3, the shift Radiation Protection Technician was instructed by the Operations Assistant Shift Supervisor to determine the cause for the inoperability of containment purge radiation monitor, RU-38, and to attempt to restore it to full operation. After noting that the monitor was not communicating with the parent computer, the R. P. Technician went locally to the monitor to verify that it was still functioning. Since the monitor appeared to be operating properly, the next suspected malfunction was the RIC (Remote Indication and Control Unit). Inspection of the RIC suggested that the device had locked up electronically, indicated by a constant display and a lack of functional capability; a situation that typically necessitates a re-setting of the control unit. This is most easily accomplished by de-energizing and then re-energizing the RIC. Upon re-energizing the RIC a spurious trip signal was received which, because the safety features were not placed in a bypass mode, caused the actuation of the "Control Room Essential Filtration" components, as well as a "Containment Purge Isolation".

The equipment was subsequently returned to normal operation and the R. P. Technician was counselled on the importance of notifying the control room prior to performing evolutions on plant equipment. Furthermore, the Unit 1 R. P. Technicians have been advised that their "troubleshooting" of plant systems shall be limited to identification of observable effects. Any required maintenance must be performed by the personnel responsible for the upkeep of the system.



Arizona Nuclear Power Project

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

June 7, 1985
ANPP-32799 EEVBjr

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. 85-033-00 prepared and submitted pursuant to 10 CFR 50.73. This LER addresses an automatic actuation of the Balance of Plant Engineered Safety Feature System. 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 or concerns, please contact me.

Very truly yours,

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

EEVB/GEC/bg
Attachment

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

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