

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8704280612 DOC. DATE: 87/04/20 NOTARIZED: NO DOCKET #
 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528
 AUTH. NAME AUTHOR AFFILIATION
 BRADISH, T. R. Arizona Nuclear Power Project (formerly Arizona Public Serv
 HAYNES, J. G. Arizona Nuclear Power Project (formerly Arizona Public Serv
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 87-004-00: on 870323, discovered that spectrum analysis
 not done for three grab samples taken on 870320 from turbine
 bldg sump & condenser area sump. Caused by personnel error.
 Event discussed w/chemistry personnel. W/870420 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES: Standardized plant. M. Davis, NRR: 1Cy. 05000528

	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTTR	ENCL		LTTR	ENCL
	PD5 LA	1	1	PD5 PD	1	1
	LICITRA, E	1	1	DAVIS, M	1	1
INTERNAL:	ACRS MICHELSON	1	1	ACRS MOELLER	1	1
	AEOD/DOA	1	1	AEOD/DSP/ROAB	2	2
	AEOD/DSP/TPAB	1	1	NRR/DEST/ADE	1	0
	NRR/DEST/ADS	1	0	NRR/DEST/CEB	1	1
	NRR/DEST/ELB	1	1	NRR/DEST/ICSB	1	1
	NRR/DEST/MEB	1	1	NRR/DEST/MTB	1	1
	NRR/DEST/PSB	1	1	NRR/DEST/RSB	1	1
	NRR/DEST/SGB	1	1	NRR/DLPQ/HFB	1	1
	NRR/DLPQ/QAB	1	1	NRR/DOEA/EAB	1	1
	NRR/DREP/EPB	1	1	NRR/DREP/RAB	1	1
	NRR/DREP/RPB	2	2	NRR/ARMAS/ILRB	1	1
	NRR/PNAS/PTSB	1	1	REC FILE 02	1	1
	RES SPEIS, T	1	1	RGN5 FILE 01	1	1
EXTERNAL:	EG&G GROH, M	5	5	H ST LOBBY WARD	1	1
	LPDR	1	1	NRC PDR	1	1
	NSIC HARRIS, J	1	1	NSIC MAYS, G	1	1
NOTES:		1	1			

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	
TITLE (4) Missed Sample Analysis Due To A Cognitive Personnel Error																					
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 3	2 0	8 7	8 7	0 0 4	0 0	0 4	2 0	8 7	N/A			0 5 0 0 0									
OPERATING MODE (9) 1			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																		
POWER LEVEL (10) 1 0 0		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)(vi)				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 T. R. Bradish, Compliance Supervisor (Ext. 6936)										TELEPHONE NUMBER 6 0 2 9 3 2 - 5 3 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							
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO																					

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

At approximately 1214 MST on March 23, 1987, Palo Verde Unit 1 was in Mode 1 (POWER OPERATION) at 100 percent power when a review of the spectrum analysis results for the daily grab samples required by Technical Specifications 3.11.1.1, Table 4.11-1, revealed that three grab samples had not been analyzed. At approximately 0830 MST on March 20, 1987, the turbine building sump sample and the condenser area sump samples were drawn. A chemistry technician delivered the samples to the Unit 2 counting lab for analysis due to the inoperability of the Unit 1 analysis equipment. The unanalyzed samples were apparently placed with samples that had already been analyzed. The turbine building sump sample and condenser area sump samples were not analyzed.

The root cause of this event was a cognitive personnel error by the Unit 1 chemistry technician (utility non-licensed) in that he did not ensure that the Unit 1 samples were analyzed. As corrective action the responsible individual received appropriate disciplinary action. Additionally, this event was discussed with Unit 1 Chemistry personnel.

No similar events have been reported.

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PDR ADOCK 05000528
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104

EXPIRES: 8/31/88

FACILITY NAME (1) Palo Verde Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 5 2 8	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 7	- 0 0 4	- 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 365A's) (17)

At approximately 1214 MST on March 23, 1987, Palo Verde Unit 1 was in Mode 1 (POWER OPERATION) at 100 percent power when a review of the spectrum analysis results by a chemistry technician (utility non-licensed) for the daily grab samples required by Technical Specifications (T.S.) 3.11.1.1, Table 4.11-1, revealed that three grab samples had not been analyzed. The unanalyzed samples were the turbine building (NM) sample and two (2) condenser area sump samples. These samples were drawn at approximately 0830 MST on March 20, 1987. The review on March 23, 1987, showed that the samples were correctly taken and analyzed at the next scheduled frequency on March 21, 1987. Analysis results were within T.S. limits. The event lasted approximately 24 hours.

Prior to this event, all grab samples drawn in Unit 1 were being sent to Unit 2 for analysis due to the inoperability of the Unit 1 counting equipment. At approximately 0830 MST on March 20, 1987, the turbine building sump sample and the condenser area sump samples were drawn. A chemistry technician (utility non-licensed) delivered the samples to the Unit 2 counting lab for analysis. The unanalyzed samples were apparently placed with samples that had already been analyzed. The turbine building sump sample and condenser area sump samples were subsequently overlooked and not analyzed.

The root cause of this event was a cognitive personnel error by the Unit 1 chemistry technician (utility non-licensed) in that he did not ensure that the Unit 1 samples were analyzed. Not analyzing samples required by T.S. is contrary to approved Administrative Control procedures. As corrective action the responsible individual received appropriate disciplinary action.

To prevent recurrence a briefing session was held with the Unit 1 chemistry technicians explaining the event and reminding the technicians of their responsibility to meet Technical Specification requirements. Additionally, this event will be discussed with Unit 2 and 3 technicians. As an aid to the chemistry technicians, a "Current Chemistry Technical Specification Action Statement" form was developed. This form will be prepared daily and will contain information as to what samples are required and when they need to be taken to meet the appropriate Technical Specification Action statements. The form will also list when samples were taken and when sample analysis was completed.

There were no unusual characteristics of the work location which contributed to this event. There were no automatic or manual safety system responses. There were no structures, systems or components inoperable, prior to the event, other than described above, which contributed to the event. There were no operator actions which contributed to this event.

A review of the results of the grab samples taken prior to and following the unanalyzed samples showed all were within the release limits specified in T.S. 3.11.1.1. There is no indication that the release limits specified in T.S. 3.11.1.1 were exceeded. This event did not affect the safe operation of the plant or the health and safety of the public.

No similar events have been reported.



Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

192-00188-JGH/TRB/MJC

April 20, 1987

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
Licensee Event Report 87-004-00
File: 87-020-404

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 87-004-00 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 questions, please contact T. R. Bradish, Compliance Supervisor at (602) 932-5300 Ext. 6936.

Very truly yours,

J. G. Haynes
Vice President
Nuclear Production

JGH/MJC/cld

Attachment

cc: O. M. DeMichele (all w/a)
E. E. Van Brunt, Jr.
J. B. Martin
R. P. Zimmerman
R. C. Sorensen
E. A. Licitra
A. C. Gehr
INPO Records Center

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