

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9704240100 DOC. DATE: 97/04/18 NOTARIZED: NO DOCKET #
FACIL: 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
AUTH. NAME AUTHOR AFFILIATION
ELLIS, S.J. Pennsylvania Power & Light Co.
KUCZYNSKI, G.J. Pennsylvania Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 97-003-00: on 970320, required sample was not collected & analyzed within TS time limit. Caused by inadequate attention to detail. Required sample analysis completed 970320 & radiation monitoring sys restored. W/970418 ltr.

DISTRIBUTION CODE: IE22T COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4
TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

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U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
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SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 50-388/97-003-00
PLAS - 705 FILE R41-2

Docket No. 50-388
License No. NPF-22

Attached is Licensee Event Report 50-388/97-003-00. This event was determined to be reportable per 10CFR50.73(a)(2)(i)(B) in that a sample was not analyzed within the time limits required by plant Technical Specifications when the Service Water Radiation Monitor was out of service. This is a condition prohibited by Technical Specifications.


G. J. Kuczynski
General Manager - Susquehanna SES

Attachment

cc: Mr. H. J. Miller
Regional Administrator
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

240021

Mr. Kenneth M. Jenison
Sr. Resident Inspector
U. S. Nuclear Regulatory Commission
P. O. Box 35
Berwick, PA 18603-0035

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PDR ADDCK 05000388
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LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Susquehanna Steam Electric Station - Unit 2										DOCKET NUMBER(2) 0 5 0 0 0 3 8 8				PAGE (3) 1 OF 0 3	
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TITLE (4)
Required Sample Was Not Collected And Analyzed Within Technical Specification Time Limit

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	9 7	9 7	0 0 3	0 0	0 4	1 8	9 7	SSES Unit 1		0 5 0 0 0 3 8 7	

OPERATING MODE (9) 5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 1 : (Check one or more of the following) (11)										
POWER LEVEL (10) 0 0 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(e)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(b)							
	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(e)							
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)							
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)								
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(1)(2)(vii)(B)								
	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(viii)								

(LICENSEE CONTACT FOR THIS LER (12))

NAME Stephen J. Ellis - Project Engineer, Licensing							TELEPHONE NUMBER			
							AREA CODE			
							7 1 7 5 4 2		- 3 5 3 7	

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)

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

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

On March 20, 1997, with Unit 2 in Condition 5 (Refuel) at 0% power, a sample required by Technical Specifications was not collected and analyzed within the time limit of the ACTION statement, thus constituting a condition prohibited by Technical Specifications. The sampling was required while the Service Water Radiation Monitor was out of service. A sample is required to be collected and analyzed once per 8 hours. The analysis was completed 13 minutes after the Technical Specification time limit. The cause of the event was attributed to less than adequate attention to detail by the technician performing the work. There were no safety consequences or compromises to the health and safety of the public. Corrective actions include: completion of sample analysis, restoration of the Service Water Radiation Monitor, placement of the involved technician into the company's program for performance improvement, and training of all Chemistry technicians to re-enforce employee expectations.

**LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Unit 2 Susquehanna Steam Electric Station	DOCKET NUMBER (2) 0 5 0 0 0 3 8 8	LER NUMBER (6)						PAGE (3)		
		YEAR		SEQUENTIAL NUMBER		REVISION NUMBER				
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TEXT (If more space is required, use additional NRC Form 366A's) (17)

EVENT DESCRIPTION

On March 20, 1997, with Unit 2 in Condition 5 (Refuel) at 0% power, a sample required by Technical Specification was not collected and analyzed within the time limit of the Technical Specification ACTION Statement. This sample was required because the Service Water Radiation Monitor (EIS Code: IL) was out of service. The radiation monitor was removed from service when service water was taken out of service for outage work and an alternate cooling water source to the fuel pool heat exchangers was placed in service. In accordance with Technical Specification 3.3.7.10, ACTION 101, with less than the minimum required number of radiation monitors operable, the effluent release pathway may continue for up to 30 days provided that, at least once-per 8 hours, grab samples are collected and analyzed for gross radioactivity at a limit of detection of at least 10⁻⁷ microcuries/mL. The sample was required to be collected and analyzed by 0420, when in fact the sample was collected prior to this time, at 0415, but the analysis was not completed until 0433, 13 minutes beyond the 8 hour Technical Specification limit.

CAUSE OF EVENT

The cause of the event was determined to be inadequate attention to detail by the technician designated to perform the sampling and analysis. The root cause analysis determined that the technician was aware of the Limiting Condition for Operation (LCO) ACTION statement requirement and had successfully performed the sampling and analysis earlier in the shift. However, during the subject performance of the activity, the technician did not properly self-verify his intended actions in that he did not allow enough time to both collect and analyze the sample.

REPORTABILITY/ANALYSIS

This condition was determined to be reportable per 10CFR50.73(a)(2)(i)(B) as a condition prohibited by the Technical Specifications in that an effluent sample required by Technical Specification 3.3.7.10, ACTION 101, was not performed within the time limit of the ACTION statement. There were no safety consequences or compromises to public health or safety. The previous sample as well as the subject sample indicated that no effluent release limits were exceeded.

CORRECTIVE ACTIONS

The following corrective actions were identified and completed:

- The required sample analysis was completed on March 20, 1997 at 0433.

**LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 8 8	LER NUMBER (6)						PAGE (3)					
		YEAR		SEQUENTIAL NUMBER		REVISION NUMBER							
Susquehanna Steam Electric Station		9	7	—	0	0	3	—	0	0	3	OF	3

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

- The Radiation Monitoring System was restored to service and the LCO cleared on March 25, 1997.
- The involved technician was entered into the company's program for performance improvement.
- Training of all Chemistry technicians was completed to re-enforce employee expectations.

ADDITIONAL INFORMATION

Past Similar Events: LER 50-387/89-017-00
LER 50-387/90-031-00
LER 50-387/96-018-00

Failed Component Identifications: None

