

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Susquehanna Steam Electric Station										DOCKET NUMBER (2) 0 5 0 0 0 3 8 7 1 OF 0 3										PAGE (3) 1 OF 0 3	
TITLE (4) Five Emergency Service Water and Control Structure Chilled Water Surveillances Completed Late.																					
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)							
									SSES - Unit 2					0 5 0 0 0 3 8 8							
0 4	2 5	8 5	8 5	0 1 6	0 0 0	5 2	4 8	5						0 5 0 0 0							
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																			
5		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)							
POWER LEVEL (10)		20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)							
0 0 0		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)				X 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)(ix)													
LICENSEE CONTACT FOR THIS LER (12)																					
NAME C.E. Price - Surveillance Program Coordinator										TELEPHONE NUMBER											
										AREA CODE											
										7 1 7 5 4 2 - 1 3 3 8 5											
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)

On April 25, 1985, during a review of surveillance testing status on Unit 1, it was discovered that five (5) surveillance procedures common to both units had passed their violation dates. These surveillances performed flow verification, valve stroking, and valve line-up of the Emergency Service Water and Control Structure Chilled Water Systems. Both systems were operating during the violation period with no abnormal indications being observed. After discovery, the performance of these procedures immediately commenced and all procedures were completed successfully on required equipment. During the violation period Unit 1 was shut down for refueling and Unit 2 was operating at 100% power. The contributing factors in this occurrence were: (1) the weekly schedule provided low visibility to "common" surveillances; (2) the operating unit was not informed of the status of common surveillances; and (3) the modification work being performed on the common systems made it difficult to complete these procedures. Actions which have been taken or will be taken to prevent recurrence are: (1) change layout of weekly surveillance schedule to give "common" surveillances "High-Visibility"; (2) common surveillances which are not performed as scheduled will appear on the list of outstanding surveillances for both units the next week; (3) where practical, the common surveillances will be broken into smaller segments to improve computer tracking and scheduling; and (4) add violation date on all procedures on daily computer tracking sheet.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 9/31/85

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

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

In preparation for commencing refueling of Unit 1, a surveillance status review was performed (4/25/85). During this review it was discovered that five surveillances were in violation. These five surveillances were "common" surveillances which tested systems common to both reactors. Shift supervision was immediately notified and the procedures were successfully completed.

SO-054-001 (Emergency Service Water Valve Exercising) 31-day test was performed on 3/16/85 on that portion related to Unit 2 (operating unit). The Unit 1 (refueling outage) portion could not be completed due to one pump and the valves to the Unit 1 Reactor Building being out of service for outage work. Since the procedure was only partially complete, closing the procedure in the Plant Maintenance Information System (PMIS) computer (as a partial) resulted in the computer immediately rescheduling the procedure for 3/16/85 rather than scheduling the next performance of the procedure for 4/16/85 (due to computer program limitations). Because of this Operations held the procedure to complete the testing when the Unit 1 "out-of-service" equipment became available. The Unit 1 equipment was not available for testing during the 31-day duration and the Unit 2 equipment was not rescheduled for testing 4/16/85.

SO-054-002 (ESW Valve Exercising) was scheduled to be performed 3/31/85 but could not be performed at that time because both "B" Loop pumps were needed for Unit 1 cooling. It was placed on the weekly surveillance schedule as outstanding the following week (4/1/85) but wasn't completed prior to the violation date (4/22/85).

SO-054-003 (ESW Quarterly Flow Verification) was scheduled to be performed 4/1/85 but was not performed because the ESW system had been recently modified and the procedure needed to be revised to incorporate the changes. The procedure was changed and rescheduled for 4/10/85, but not performed until 4/15/85 when the "B" Loop was performed and found to be out of specification. The data was sent to the Plant Engineering Group for evaluation and found to be acceptable for the present plant conditions. "A" Loop was not performed and went past its violation date on 4/22/85.

SO-030-003 (Control Structure Chilled Water Flow Verification) was scheduled to be performed 2/4/85, but was not performed because the "B" Loop of Chilled Water and the "B" Control Structure Chiller was out-of-service. It was placed on the weekly surveillance schedule as outstanding the following week (2/11/85), but was not completed prior to the violation date (3/3/85).

SO-030-004 (Control Structure Chilled Water Valve Exercising) was scheduled to be performed 3/1/85, but only "A" Loop was completed because "B" Loop was out-of-service for outage work. It was placed on the weekly schedule as outstanding the following week, but was not completed prior to the violation date (3/25/85).

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

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

The contributing factors associated with exceeding the surveillance violation dates:

- (1) Common surveillances are the assigned responsibility of Unit 1 Operations personnel, and are routinely handled in the daily scheduling and tracking for Unit 1.
- (2) Unit 2 was not kept informed of the status of common procedures.
- (3) Due to the Unit 1 outage, a large number of procedures were not able to be performed as scheduled and were on the weekly schedule as "outstanding" and as having passed their "indicated" violation date, but were not required due to plant condition. The overdue common procedures were intermingled on this list.
- (4) Modification work was being performed on these common systems which made it difficult to perform these procedures.

The plant program used to schedule and track surveillances did identify the outstanding surveillances with their respective due and violation dates. Since this information was presented in a listing with Unit 1 surveillances, prompt identification of the condition was not made. To prevent recurrence these actions are being taken:

- (1) Change the weekly schedule so the common procedures are separate from the Unit 1 procedures. (Implemented)
- (2) Change the weekly schedule to separate the outstanding common surveillances from the Unit 1 outstanding surveillance, and highlight in a different color for emphasis. (Implemented)
- (3) For out-of-service/out-of-mode equipment on the weekly schedule as "outstanding", indicate the plant condition the procedure is required as well as the violation date. (Implemented)
- (4) If a common surveillance is not performed as scheduled, it will appear on both the Unit 1 and Unit 2 outstanding surveillance list. (Implemented)
- (5) Where practical, common procedures are to be broken into smaller units such as loops, divisions, channels, etc. to enhance the computer's ability to perform its function and not force manual scheduling. (Long-term corrective action.)
- (6) PMIS to include the violation dates on all procedures on the daily report. (Programming change in process.)



Pennsylvania Power & Light Company

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May 24, 1985

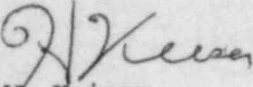
U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
LICENSEE EVENT REPORT 85-016-00  
ER 100450 FILE 841-23  
PLAS- 081

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Docket No. 50-387  
License No. NPF-14

Attached is Licensee Event Report 85-016-00. This event was determined reportable per 10CFR50.73(a)(2)(i)(b), in that Emergency Service Water and Control Structure Chilled Water surveillances were not performed in the allowable time limits.

  
H.W. Keiser  
Superintendent of Plant-Susquehanna

CEP/pjg

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