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 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 AUTH. NAME AUTHOR AFFILIATION
 DAVIS, S.E. Pennsylvania Power & Light Co.
 STANLEY, H.G. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 91-003-00: on 910214, fire damper not found in fire rated barrier required in Tech Specs. Caused by results of fire damper not installed during const of plant. Firewatch remains in effect until resolution implemented. W/910315 ltr.

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

NOTES: LPDR 1 cy Transcripts.

05000387

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INTERNAL:	ACNW		2	2		ACRS		2	2	
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	AEOD/ROAB/DSP		2	2		NRR/DET/ECMB 9H		1	1	
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	NRR/DLPQ/LPEB10		1	1		NRR/DOEA/OEAB		1	1	
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	NRR/DST/SRXB 8E		1	1		REG-FILE 02		1	1	
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EXTERNAL:	EG&G BRYCE, J.H		3	3		L ST LOBBY WARD		1	1	
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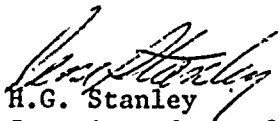
March 15, 1991

U.S. Nuclear Regulatory Commission
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Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 91-003-00
FILE R41-2
PLAS - 474

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

Attached is Licensee Event Report 91-003-00. This event was determined to be reportable per 10CFR50.73(a)(2)(i)(B), in that a Fire damper was not installed in a three hour fire barrier which is required to meet Technical Specification 3.7.7 requirements. An update will be provided to this LER by June 30, 1991.


H.G. Stanley
Superintendent of Plant - Susquehanna

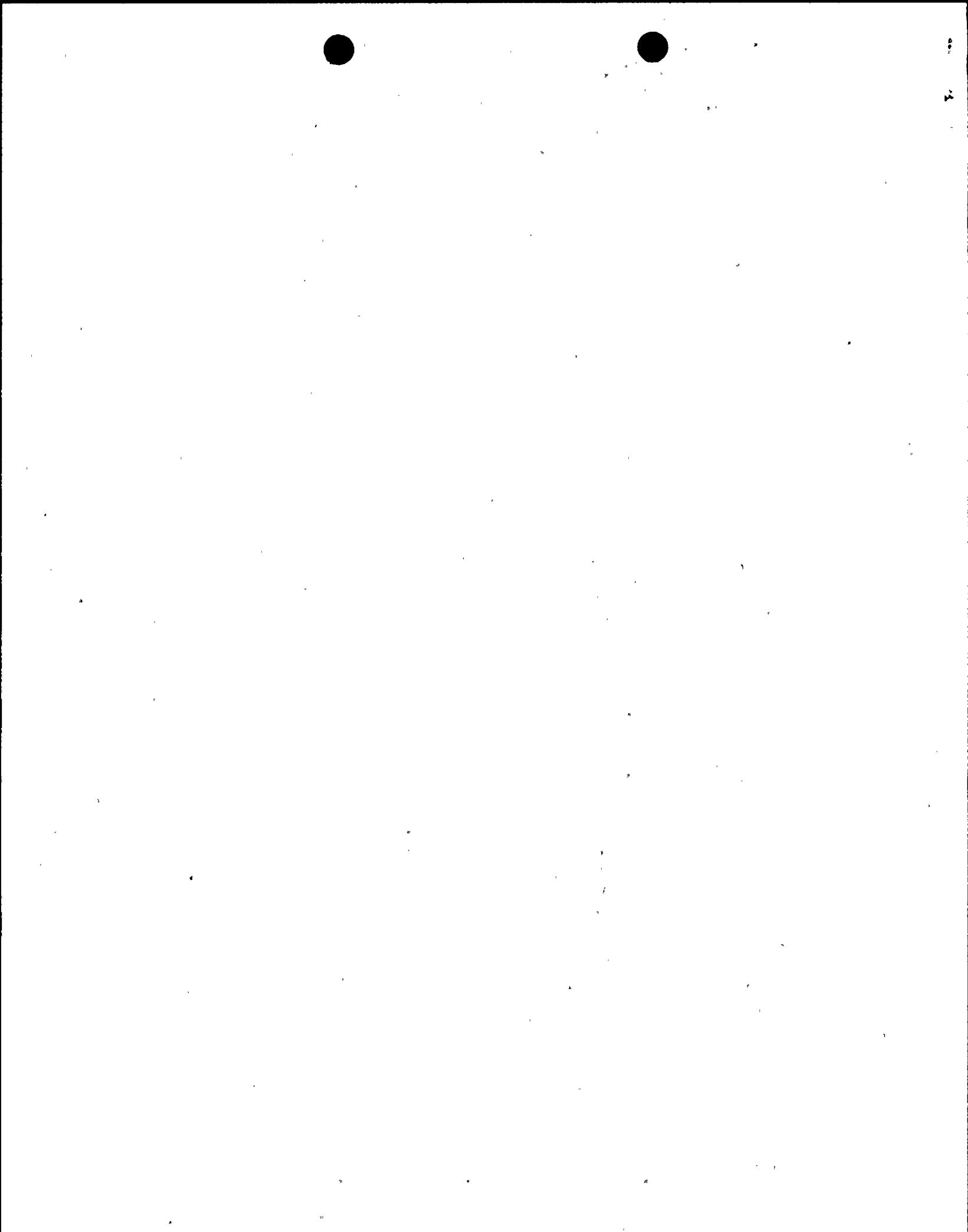
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cc: Mr. T. T. Martin
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PDR ADOCK 05000387
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LICENSEE EVENT REPORT (LER)

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 1	DOCKET NUMBER (2) 0 5 0 0 0 3 8 7	PAGE (3) 1 OF 0 3
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TITLE (4)
Fire Damper Not Installed in Fire Rated Barrier

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 2	1 4	9 1	9 1	0 0 3	0 0	0 3	1 5	9 1	SSES - Unit 2		0 5 0 0 0 3 8 8
									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)			50.38(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)(vii)(B)				
20.406(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(x)					

LICENSEE CONTACT FOR THIS LER (12)									
NAME S.E. Davis - Site Fire Protection Engineer							TELEPHONE NUMBER		
							AREA CODE 7 1 1 7		
							5 1 4 2 1 - 1 3 1 9 1 5		

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 checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)							<input type="checkbox"/> NO		0 6	3 1 0	9 1

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

On February 14, 1991 with Unit 1 and Unit 2 operating in Condition 1 at 100% and 99% power respectively, it was identified that a fire rated damper was not found in a fire rated barrier which is required to meet Technical Specification 3.7.7, and since it cannot be confirmed that a continuous firewatch was in place to meet the action statement for this Technical Specification during the entire time the damper was missing, it was determined that the condition constituted an operation prohibited by the Technical Specifications. A continuous firewatch was established. This condition is being evaluated to determine the requirement for this fire barrier. The initial evaluation appears to indicate that this fire barrier is not required. Further evaluation will provide a review and resolution to this Fire barrier issue. An update to this LER will be provided by June 30, 1991.



**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-830), 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 1 Susquehanna Steam Electric Station	DOCKET NUMBER (2) 0 5 0 0 0 3 8 7	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		9 1	- 0 0 3	- 0 0	0 2	OF 0 3

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

EVENT DESCRIPTION

On February 14, 1991 with Unit 1 and Unit 2 operating in Condition 1 at 100% and 99% power respectively, during review of an Engineering Discrepancy Report, no evidence could be found that a qualified fire damper was installed in the 36" x 14" HVAC duct which penetrates the west wall of fire zone 0-21A. The west wall of fire zone 0-21A is required to meet Technical Specification 3.7.7. A continuous firewatch was established in fire zone 0-21A on February 14 at 1630 hours. On February 15, it was confirmed that no fire damper was installed.

CAUSE OF EVENT

This condition appears to be the result of the fire damper not being installed during the initial construction of the plant. The damper appears on a vendor drawing (however no unique identification number was ever assigned to it). The damper does not appear on related Bechtel/PP&L drawings. The Fire Damper Surveillances did not discover this condition because the Bechtel/PP&L drawings are used as a basis for establishing the list of dampers to be surveilled.

REPORTABILITY/SAFETY ASSESSMENT

This event was determined to be reportable under 10 CFR 50.73(a)(2)(i)(B) because the failure to meet Technical Specification 3.7.7 Action a, constituted an operation prohibited by the Technical Specifications.

The fire barrier provided by the west wall of fire zone 0-21A is necessary to maintain separation between fire areas. With this fire damper missing, a breach of this fire barrier is possible. However, based upon the combustible loading in the fire zones on either side of the barrier, the direction of the air flow within the ductwork, and the construction of the HVAC ductwork assembly, the propagation of a fire through the fire barrier is unlikely. With the fire damper not installed, this event created little or no significant consequences to the health and safety of the public and/or plant personnel. The safety impact of this condition would not have been greater at any other plant operating condition.

In accordance with 10CFR50.4(d), the required submission date for this report was determined to be 03/18/91.



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

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

CORRECTIVE ACTIONS

The corrective actions necessary to resolve this condition have not been fully identified at this time. These actions will address the need for this particular damper and a review for similar fire damper discrepancies. The firewatch will remain until the resolution to this condition is implemented. An update to this LER will be provided by June 30, 1991.

ADDITIONAL INFORMATION

Failed Components Identification:

Previous Similar Reported Events:

LER 84-046-00 (Unit 1), 84-026-00 (Unit 2), and 87-009-00 (Unit 1 and 2) are similar events where a fire barrier was found not complete (penetration seal missing) from initial construction of the plant.