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ACCESSION NBR: 9208040266      DOC. DATE: 92/07/31      NOTARIZED: NO      DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv      05000387  
 AUTH. NAME      AUTHOR AFFILIATION  
 LLOYD, H.      Pennsylvania Power & Light Co.  
 STANLEY, H.G.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: LER 92-011-00: on 920701, determined that three fire doors inoperable due to defects in closing & latching mechanism. On 920630, doors found not fully closed. Caused by oversight in TS requirements. Change form generated. W/920731 ltr.

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EXTERNAL:	EG&G BRYCE, J.H		2	2		L ST LOBBY WARD		1	1
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July 31, 1992

U.S. Nuclear Regulatory Commission  
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SUSQUEHANNA STEAM ELECTRIC STATION  
LICENSEE EVENT REPORT 92-011-00  
FILE R41-2  
PLAS - 532

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

Attached is Licensee Event Report 92-011-00. This report is being made pursuant to 10CFR50.73(a)(2)(i)(B), in that Susquehanna Units 1 and 2 were in a condition prohibited by the Technical Specifications when required LCO action was not taken within the required time frame for inoperable fire doors. This condition has been corrected.

*H.G. Stanley for HSS*

H.G. Stanley  
Superintendent of Plant - Susquehanna

HL/mjm

cc: Mr. T. T. Martin  
Regional Administrator, Region I  
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PDR ADCK 05000387  
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11.

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 4
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TITLE (4)  
Fire Doors Inoperable - Operations Prohibited by Technical Specification

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 7	0 1	9 2	9 2	0 1 1	0 0	0 7	3 1	9 2	SSES - Unit 2		0 5 0 0 0 3 8 8																																				
<table border="1"> <tr> <td>OPERATING MODE (9)</td> <td>1</td> <td>20.402(b)</td> <td>20.406(c)</td> <td>50.73(a)(2)(iv)</td> <td>73.71(b)</td> </tr> <tr> <td>POWER LEVEL (10)</td> <td>1 0 0</td> <td>20.406(a)(1)(i)</td> <td>50.38(c)(1)</td> <td>50.73(a)(2)(v)</td> <td>73.71(c)</td> </tr> <tr> <td></td> <td></td> <td>20.406(a)(1)(ii)</td> <td>50.38(c)(2)</td> <td>50.73(a)(2)(vii)</td> <td>OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td> </tr> <tr> <td></td> <td></td> <td>20.406(a)(1)(iii)</td> <td>X 60.73(a)(2)(i)</td> <td>50.73(a)(2)(viii)(A)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>20.406(a)(1)(iv)</td> <td>60.73(a)(2)(ii)</td> <td>50.73(a)(2)(viii)(B)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>20.406(a)(1)(v)</td> <td>50.73(a)(2)(iii)</td> <td>50.73(a)(2)(x)</td> <td></td> </tr> </table>												OPERATING MODE (9)	1	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)	POWER LEVEL (10)	1 0 0	20.406(a)(1)(i)	50.38(c)(1)	50.73(a)(2)(v)	73.71(c)			20.406(a)(1)(ii)	50.38(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)			20.406(a)(1)(iii)	X 60.73(a)(2)(i)	50.73(a)(2)(viii)(A)				20.406(a)(1)(iv)	60.73(a)(2)(ii)	50.73(a)(2)(viii)(B)				20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	
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THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Harrison Lloyd, Jr. - Power Production Engineer	7 1 7 5 4 2 - 3 9 1 7

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)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On July 1, 1992, with both Units 1 & 2 at 100% power, it was determined that three fire doors were inoperable due to mechanical defects in the closing and latching mechanism. These doors were found to be not fully closed on 6/30/92 and were closed and latched immediately. However, the requirements that the closure mechanism be operable was over-looked until further evaluation took place on 7/1/92. Therefore, the Technical Specification LCO required action was not taken within the required time. The causes for this event were failure to notify Shift Supervision immediately upon discovery of the condition, and failure of Shift Supervision to promptly assess operability of the fire doors. The event was determined to be reportable per 10CFR50.73(a)(2)(i)(B), as a condition prohibited by Technical Specification in that required LCO action was not taken within the required time frame. There were no safety consequences or compromises as a result of this condition since the doors were closed and latched immediately upon discovery of the condition. Necessary repairs were initiated for the subject fire doors. Training will be conducted for involved work groups as well as Operations personnel on the importance of promptly reporting such conditions and on promptly assessing fire barrier operability and implementing compensatory actions.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 60.0 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 9   2	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9   2	-   0   1   1	-   0   0	0   2	OF	0   4

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

DESCRIPTION OF EVENT

On 6/30/92, an independent plant fire protection audit was being performed by contractor personnel which included an inspection of certain fire doors to which Technical Specifications applied. Several problems were noted on three doors including doors not fully closed due to closure mechanism mechanical defects. The audit team notified the Site Fire Protection Engineer of this condition but did not notify Shift Supervision. The conclusion reached at this time (1400, 6/30/92) was that the fire doors were operable as long as they were closed and latched thus Operations was not notified. The three doors were closed and latched immediately when the condition was initially discovered.

On 7/1/92, discussion between utility Quality Assurance personnel and the audit team led to additional questions regarding operability of the fire doors. Additional discussion with the Site Fire Protection Engineer led to generation of the Significant Operating Occurrence Report for this event. The daily surveillance for checking these door had been successfully completed on 6/30/92 and 7/1/92 but this surveillance only checks the door closed and latched. There is an additional requirement that fire doors hold-open, release, and closing mechanisms are verified operable once per six months. The discovered condition was not reviewed against this criterion during the initial assessment. A Fire Protection System Status Change form was completed and Technical specification 3.7.7 LCO action statement was entered at 1715 on 7/1/92.

CAUSE OF EVENT

There were several causes determined for this event.

The Audit Team (contractor personnel) failed to immediately notify the Site Fire Protection Engineer and Shift Supervision due to the lack of direction to do so. The incorrect determination of fire door operability was due to over-sight by the Site Fire Protection/Engineer of the six month Technical Specification Surveillance requirement for the closure mechanism and the associated effect on door operability. Shift Supervision did not immediately initiate a Fire Protection System Status Change form but rather waited to consult with the Site Fire Protection Engineer for assistance is determining required actions because this determination is not always obvious

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
					0 3	OF 0 4

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

depending on affected Fire Zones and operability of fire detection in the affected Fire Zone. However, our normal practice is to take the conservative course of action (i.e. - LCO action) when operability is called to question, which was not done in this case.

REPORTABILITY/ANALYSIS

This condition was determined to be reportable per 10CFR50.73(a)(2)(i)(B), as a condition prohibited by the plant's Technical Specifications in that Technical Specification required fire doors were found to be unable to meet the required surveillance requirement.

There were no safety consequences as a result of this event nor did it create a degradation in our ability to protect the health and safety of the public and/or plant personnel. The doors were immediately closed and latched as well as verified closed and latched on a daily basis. Additionally, fire detection which exists for one of the doors remained operable during this event.

This event would not have been more significant at any other initial operating condition.

In accordance with guidance provided in NUREG 1022, Supplement 1, item 14.1; the required submission date for this report was determined to be 7/31/92.

CORRECTIVE ACTION

The subject fire doors were declared inoperable, a Fire Protection System Status Change Form was generated, and Technical specification 3.7.7 LCO action statement was entered. Work documents were generated to perform necessary repairs.

Training will be conducted for the involved work groups on the importance of notifying Shift Supervision immediately upon discovery of problems with Technical Specification systems/components. Operations personnel will be trained on the requirement to generate a Fire protection System Status Change Form immediately upon notification of an inoperable fire barrier and on the policy of taking immediate compensatory action for such cases.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

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

Our Systems Engineering group will develop a Fire Barrier Required Action cross reference to assist in required action determination when any fire barrier (doors, dampers) is determined to be inoperable.

ADDITIONAL INFORMATION

Failed Component Identification: N/A

Previous Similar Events:

Although there have been previous events involving equipment found outside of surveillance criteria, there were none cause by misinterpretation of required actions for inoperable fire barriers.

