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 AUTH. NAME AUTHOR AFFILIATION
 LLYOD, H. Pennsylvania Power & Light Co.
 STANLEY, H.G. Pennsylvania Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION

SUBJECT: LER 93-005-00: on 930622, determined that conduit requiring fire barrier wrap not wrapped. Caused by error in drawing. Plant mod initiated to wrap conduit. W/930716 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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Pennsylvania Power & Light Company

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July 16, 1993

U.S. Nuclear Regulatory Commission
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Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 93-005-00
FILE R41-2
PLAS - 571

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

Attached is Licensee Event Report 93-005-00. This report is being made pursuant to 10CFR50.73(a)(2)(i)(B) as a condition prohibited by Technical Specifications in that the required action statement for an electrical raceway which was not fire barrier wrapped had not been identified as applicable; and therefore, it cannot be shown that it has been complied with for the entire period. A plant modification has been initiated to install the required wrapping.


H.G. Stanley
VP - Nuclear Operations

HL/mkf

cc: Mr. T. T. Martin
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9307270031 930716
PDR ADOCK 05000387
S PDR



SE 27 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 03
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TITLE (4)
FIRE BARRIER NOT INSTALLED ON CONDUIT AS REQUIRED

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)																																			
06	22	93	93	005	00	07	16	93			05000																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">OPERATING MODE (9) 1</td> <td colspan="11">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)</td> </tr> <tr> <td rowspan="5">POWER LEVEL (10) 11010</td> <td><input type="checkbox"/> 20.402(b)</td> <td><input type="checkbox"/> 20.405(c)</td> <td><input type="checkbox"/> 50.73(a)(2)(iv)</td> <td><input type="checkbox"/> 73.71(b)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(1)(i)</td> <td><input type="checkbox"/> 50.38(c)(1)</td> <td><input type="checkbox"/> 50.73(a)(2)(v)</td> <td><input type="checkbox"/> 73.71(c)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(1)(ii)</td> <td><input type="checkbox"/> 50.38(c)(2)</td> <td><input type="checkbox"/> 50.73(a)(2)(vi)</td> <td rowspan="3">OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(1)(iii)</td> <td><input checked="" type="checkbox"/> 50.73(a)(2)(i)</td> <td><input type="checkbox"/> 50.73(a)(2)(viii)(A)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(1)(iv)</td> <td><input type="checkbox"/> 50.73(a)(2)(ii)</td> <td><input type="checkbox"/> 50.73(a)(2)(viii)(B)</td> </tr> <tr> <td><input type="checkbox"/> 20.405(a)(1)(v)</td> <td><input type="checkbox"/> 50.73(a)(2)(iii)</td> <td><input type="checkbox"/> 50.73(a)(2)(ix)</td> <td></td> </tr> </table>												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) 11010	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.38(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.38(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)(viii)(A)	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)	
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LICENSEE CONTACT FOR THIS LER (12)

NAME Harrison Llyod, Jr. - Power Production Engineer	TELEPHONE NUMBER AREA CODE: 717 542-3917
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

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 June 22, 1993, with Unit 1 at 100% power, it was determined that a conduit requiring fire barrier wrap was not wrapped. The Technical Specification ACTION STATEMENT was entered and appropriate compensatory measures were taken. The cause of the conduit not being wrapped was an error on the drawing utilized to identify those conduits requiring wrapping. The error occurred during a design change package revision by the Architect/Engineer in 1980. This condition was determined to be reportable per 10CFR50.73(a)(2)(i)(B) as a condition prohibited by Technical Specifications in that the required ACTION STATEMENT had not been complied with for at least some periods of time during the past several years. This condition is considered an isolated occurrence with no generic implications. A plant modification has been initiated to wrap the subject conduit.

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) 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		
		9 3	- 0 0 5	- 0 0	0 2	OF 0 3

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

DESCRIPTION OF EVENT

On June 22, 1993, with Unit 1 in Condition 1 at 100% power, it was determined that a conduit containing a cable required for safe shutdown did not have fire barrier wrapping as required by our 10CFR50, Appendix R analysis. This condition was discovered during an audit of our fire protection program. This conduit is routed through multiple fire zones and is wrapped in all but one of the zones. The fire barrier was declared inoperable and the applicable Technical Specification Limiting Condition for Operation ACTION STATEMENT was entered and appropriate fire watches were verified to be in effect. A Nonconformance Report was generated to document the discrepancy.

CAUSE OF EVENT

The cause of the conduit not being wrapped was attributed to a conduit layout drawing error by the Architect/Engineer in 1980. The conduit was deleted from a conduit layout drawing during a revision of a design change package which involved this conduit. A subsequent design change package revision included a drawing change notice to add the conduit to the drawing but this change was not carried out. The drawing, which did not reflect this conduit, was used in the computer search ("hit analysis") to identify which raceways required wrap or analysis. Since the drawing did not contain the subject conduit, it was not identified in the search.

REPORTABILITY/ANALYSIS

This condition was determined to be reportable per 10CFR50.73(a)(2)(i)(B) as a condition prohibited by the Plant Technical Specification in that the required action statement had not been complied with for at least some periods of time during the past several years. There were no safety consequences as a result of this condition. At the time of the discovery, fire watches were already in place and fire detection operability confirmed. Given this compensatory action to quickly detect a fire, the likelihood of fire damage to both divisions of safety related equipment is minimal.

This condition would not have been more significant at any other plant 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 July 22, 1993.

bcc: R.G. Byram TW-16
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J.R. Miltenberger A6-1
J.M. Kenny A2-4
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M.T. McGann STC
R.J. Prego SB-2
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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.

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		9 3	- 0 0 5	- 0 0	0 3	OF	0 3

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

CORRECTIVE ACTION

Compensatory fire watches remain in effect and a plant modification has been initiated to wrap the subject conduit. This condition is considered an isolated occurrence. Our analysis was performed using Quality class drawings and procedures, and errors of this nature (i.e.-drawing error during design change package revision process) have not occurred previously. All design work related to electrical cables and raceway is now performed to the requirements of our Electrical Design Standard for maintaining the safe shutdown requirements of 10CFR50, Appendix R. This ensures the fire zone location of raceway and identification of wrapping requirements is complete and correct. Based on our assessment that this is an isolated occurrence, there are no generic implications; and no further actions to prevent recurrence are considered necessary at this time.

ADDITIONAL INFORMATION

Failed Component Information: N/A
Previous Similar Event:

Although there have been previous events involving discrepancies with fire barriers, there were none caused by drawing discrepancies of this nature.