NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

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

TITLE (4)

Technical Specification Action Statement Not Met.

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 6	1 1	8 5	8 5	0 2 3	0 1	0 2	1 1	8 6		0 5 0 0 0
										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)			
2	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 1 0 1	20.405(a)(1)(i)	50.36(a)(1)	50.73(a)(2)(v)	73.71(c)
	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)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
T.N. Creasy	AREA CODE 7 1 7 5 4 2 - 3 1 2 4 1 2

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
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

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

On June 11, 1985, Operations personnel found manual isolation valve 141005 open. Due to an inability to perform required surveillance testing on excess flow check valve XV-141F009 (See LER 83-078-03L-0), valve 141005 was kept closed during normal operation under the administrative control of a Yellow Tag in order to meet the Technical Specification Limiting Condition for Operation (LCO) Action Statement. During the Integrated Leak Rate Test (ILRT) performed from May 31 to June 2, 1985, valve 141005 had been opened as part of the test lineup. The operators responsible for restoring the ILRT lineup verified that valve 141005 was open per the ILRT check off list, but did not read the attached Yellow Tag (which required the valve to be closed) and did not question the presence of the tag. Valve 141005 was open from 0020 on June 8 until 1330 on June 11, 1985 when the plant was in an Operational Condition requiring the operability of XV-141F009. The following actions have been or will be taken to prevent recurrence:

1) The applicable Unit 1 and Unit 2 Operating procedures and ILRT procedures have been revised designating the normal position of valves 141005 and 241005 as locked closed and tagged as containment isolation valves.
2) The operators responsible for restoring the ILRT lineup were counseled and the event has been reviewed by Operations personnel.
3) Plant Modifications which will install test connections to allow testing of the excess flow check valves are scheduled to be installed during each Units next refueling outage.

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

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

On June 11, 1985, Operations personnel (utility, non-licensed) noted a pressure indicated on PI-B21-1R001 for "Vessel Head Seal Leakage" which normally read zero. The instrument line was traced back to the containment penetration and manual isolation valve 141005, was found open. Due to an inability to perform required surveillance testing on excess flow check valve XV-141F009 (See LER 83-078-03L-0), valve 141005 was kept closed during normal operation under the administrative control of a Yellow Tag in order to meet the Technical Specification Limiting Condition for Operation (LCO) 3.6.3.b Action Statement.

During the First Refueling Outage, valve 141005 was opened to perform the ASME Class I Boundary Leakage Test (SE-100-002) in late May. The test was completed on May 27, 1985 and valve 141005 was returned to the closed position. The restoration lineup for the test was changed to agree with the yellow tag position of closed. The Integrated Leak Rate Test (ILRT) was performed from May 31, 1985 to June 2, 1985. The ILRT valve lineup called for valve 141005 to be opened and it was positioned accordingly. The ILRT restoration lineup called for the valve to remain open at the completion of the test. The operator (utility, non-licensed) performing the initial restoration check observed the yellow tag and that the valve was open. He did not however read the yellow tag instructions. The second operator (utility, non-licensed) completing the verification check found the valve open and observed the yellow tag, but did not read the yellow tag instructions completely and did not pursue the matter further.

When valve 141005 was discovered open, it was immediately closed. Investigation revealed that the valve was open from 0020 on June 8, 1985 until 1330 on June 11, 1985 when the plant was in an Operational Condition requiring the operability of XV-141F009. The following actions have been taken or will be taken to prevent recurrence:

1) Valve check off lists contained in Operating Procedures OP-164-001 and OP-264-001 have been revised changing the normal position of valves 141005 and 241005 to LOCKED CLOSED CT designating a locked closed and tagged containment isolation valve.
2) The restoration valve check off lists contained in ILRT procedures PE-100-003 and PE-200-003 have been revised to restore the position of valves 141005 and 241005 to LOCKED CLOSED CT.
3) The operators responsible for restoring the ILRT lineup were counseled regarding the function and use of Yellow Tags and their significance to safe plant operation.
4) This incident has been reviewed by Operations personnel.
5) The Yellow Tags have been removed from valves 141005 and 241005, and Bypass Tags have been applied to more correctly conform to plant administrative programs.
6) Plant Modification 85-3009 will install a test connection to allow testing of Unit 1 excess flow check valve XV-141F009 and is scheduled to be installed during the Unit 1 second refueling outage. Plant Modification 85-3019 will install a test connection for Unit 2 valve XV-241F009 and is scheduled to be installed during the Unit 2 first refueling outage.

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U.S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 85-023-01
ER 100450 FILE 841-23
PLAS- 146

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

Attached is updated Licensee Event Report 85-023-01. This event was determined reportable per 10CFR50.73(a)(2)(i), in that a Limiting Condition for Operation Action Statement for an inoperable excess flow check valve was not met.

T.M. Crimmins, Jr.
Superintendent of Plant-Susquehanna

TMC/pjg

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