

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory information collection request: 50 hrs. Reported lessons learned are incorporated into the licensing process and fed back to industry. Forward comments regarding burden estimate to the Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0104), Office of Management and Budget, Washington, DC 20503. If an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

FACILITY NAME (1) SURRY POWER STATION , Unit 1		DOCKET NUMBER (2) 05000 - 280	PAGE (3) 1 OF 3
--	--	---	---------------------------

TITLE (4)
Auxiliary Feedwater Pipe Support Missed Surveillance Due to Personnel Error

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 NAME	DOCUMENT NUMBER
12	22	98	1999	-- 001 --	00	01	21	99	FACILITY NAME	05000-
									FACILITY NAME	05000-

OPERATING MODE (9) **N**

POWER LEVEL (10) **100 %**

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)

<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(2)(v)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)
<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(x)
<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 73.71
<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> OTHER
<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	Specify in Abstract below or in NRC Form 366A
<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME E. S. Grecheck, Site Vice President	TELEPHONE NUMBER (Include Area Code) (757) 365-2000
--	---

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE).	<input checked="" type="checkbox"/> X	NO	EXPECTED SUBMISSION DATE	MONTH	DAY	YEAR
---	---------------------------------------	----	--------------------------	-------	-----	------

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On December 22, 1998, it was determined that two pipe supports on the cross-connect line of the auxiliary feedwater pumps had not been inspected during the second Inservice Inspection (ISI) interval in accordance with Technical Specification (TS) 4.0.5. The TS requires inspection and testing of ASME Class 1, 2, and 3 components. The supports in question were not shown on the current station drawings and as a result were omitted from the ISI Program. This event is reportable pursuant to 10CFR50.73(a)(2)(i)(B) for a condition prohibited by Technical Specifications. The two supports received Code inspection and were found fully acceptable. Therefore, no conditions adverse to safety resulted from this event.

9901270157 990121
PDR ADOCK 05000280
S PDR

**LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION**

FACILITY NAME (1) SURRY POWER STATION, UNIT 1	DOCKET 05000 - 280	LER NUMBER (6)			PAGE (3) 2 OF 3
		YEAR 1999	SEQUENTIAL NUMBER -- 001 --	REVISION NUMBER 00	

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

1.0 DESCRIPTION OF THE EVENT

On December 22, 1998, with Unit 1 at 100% reactor power, a review of Inservice Inspection (ISI) isometric drawings indicated that a segment of piping, including two identified supports, was omitted from the appropriate drawings used in the Surry ASME Section XI examination program. The above review was conducted because of an industry operating experience. Technical Specification 4.0.5 requires inservice inspection and testing of ASME Code Class 1, 2, and 3 components. Inspection requirements are in accordance with Section XI of the ASME Boiler and Pressure Vessel Code and applicable Addenda as required by 10CFR 50.55a and as modified by NRC approved relief requests. Subsection IWF of Section XI requires component supports to be examined over a ten-year interval using a sampling program. The ISI program component inspections, which satisfy the TS 4.0.5 surveillance requirement, were based on the ISI isometric drawings.

As a result, there was a missed surveillance of the supports during the second interval of the ISI inspection. This event is reportable pursuant to 10CFR50.73(a)(2)(i)(B) for a condition prohibited by Technical Specifications.

2.0 SIGNIFICANT SAFETY CONSEQUENCES AND IMPLICATIONS

Examinations of the two Class 3 supports were found to be acceptable. The supports would have met their design function and did not pose an operability concern. As such, there were no significant safety consequences or implications. Therefore, the health and safety of the public were not affected by this event.

3.0 CAUSE

On December 22, 1998, during an Engineering assessment of drawings on the Surry Auxiliary Feedwater lines, it was identified that two supports were inadvertently omitted from the drawings used for ISI inspections. Since the supports were omitted from the drawings, the supports were not included in the examination database used to schedule inspections. As a result, the examinations were not performed in the second inspection interval (12/22/82 – 10/14/93) nor scheduled for the current third interval. The second interval, which required inspection of 100% of the supports within scope, has expired; therefore, the surveillance was not met within the required timeframe.

**LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION**

FACILITY NAME (1) SURRY POWER STATION, UNIT 1	DOCKET 05000 - 280	LER NUMBER (6)			PAGE (3) 3 OF 3
		YEAR 1999	SEQUENTIAL NUMBER -- 001 --	REVISION NUMBER 00	

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

3.0 CAUSE (continued)

Upon investigation, it was determined that in September 1988, three ISI isometric drawings were merged into two drawings and a segment of piping was inadvertently left out. This drawing error omitted the two identified supports from the appropriate drawings used in the Surry ASME Section XI examination program. The cause of the omission of the components from the station drawings was due to personnel error during the revision of three drawings.

4.0 IMMEDIATE CORRECTIVE ACTION(S)

A station deviation report was submitted. The two supports in question received the required Code inspection and were found to be acceptable.

5.0 ADDITIONAL CORRECTIVE ACTIONS

A drawing change request was submitted to revise the drawings to include the two supports. Appropriate ISI database corrections were made.

6.0 ACTIONS TO PREVENT RECURRENCE

The current process for revising ISI isometric drawings and maintaining the ISI database ensures necessary ISI inspections are conducted. Engineering will assess a sampling of drawings used for ISI examinations to determine if further corrective actions are necessary.

7.0 SIMILAR EVENTS

None.

8.0 MANUFACTURER/MODEL NUMBER

None.

9.0 ADDITIONAL INFORMATION

Unit 2 was operating at 100% at the time of this event.