

Virginia Electric and Power Company
Surry Power Station
P. O. Box 315
Surry, Virginia 23883

December 30, 1991

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Serial No.: 91-761
Docket No.: 50-280
License No.: DPR-32

Gentlemen:

Pursuant to Surry Power Station Technical Specifications, Virginia Electric and Power Company hereby submits the following Licensee Event Report for Unit 1.

REPORT NUMBER

91-022-00

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be reviewed by the Corporate Management Safety Review Committee.

Very truly yours,



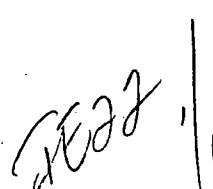
for M. R. Kansler
Station Manager

Enclosure

cc: Regional Administrator
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30323

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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) Surry Power Station, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 2 8 0				PAGE (3) 1 OF 0 4									
TITLE (4) Containment Spray Pump Surveillance Testing Exceeded Technical Specification Requirements 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 NAMES				DOCKET NUMBER(S)										
1	2	0	4	9	1	9	1	1	0	2	2	0	0	1	2	3	0	9	1				
OPERATING MODE (8) N			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)				20.405(c)				50.73(a)(2)(iv)				73.71(b)								
			20.405(a)(1)(i)				50.38(c)(1)				50.73(a)(2)(v)				73.71(c)								
			20.405(a)(1)(ii)				50.38(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)								
			20.405(a)(1)(iii)				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 M. R. Kansler, Station Manager										TELEPHONE NUMBER AREA CODE 8 0 4 3 5 7 - 3 1 8 4													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																							
CAUSE	SYSTEM	COMPONENT	MANUF. TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUF. TURER	REPORTABLE TO NPRDS													
SUPPLEMENTAL REPORT EXPECTED (14)																							
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO		EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR							

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

On December 4, 1991, with Unit 1 at 100% power, it was discovered that the Containment Spray Pumps (1-CS-P-1A and 1-CS-P-1B) had not been demonstrated operable between January 1, 1991 and May 14, 1991. This exceeded the allowed 92 day interval between surveillance tests and thus was a violation of Technical Specification 4.0.3. Since the containment spray pumps remained operable throughout the period, the health and safety of the public were not affected. The cause of these events was personnel error in the conduct of the surveillance test program which occurred during the late January/early February 1991 time frame. A Task Team had been formed earlier this year to review these and similar events, and appropriate corrective action was taken. These events are being reported pursuant to 10CFR50.73(a)(2)(i)(B).

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

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FACILITY NAME (1) Surry Power Station, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 8 0	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 366A's) (17)

1.0 DESCRIPTION OF THE EVENT

On December 4, 1991, with Unit 1 at 100% power, it was discovered during a Quality Assurance Audit that the Containment Spray Pumps (1-CS-P-1A and 1-CS-P-1B [EHS-BE, P]) had not been demonstrated operable between January 1, 1991 and May 14, 1991. This exceeded the allowed 92 day interval between surveillance tests and thus was a violation of Technical Specification 4.0.3. The containment spray pumps had been satisfactorily tested during the subsequent two 92 day periods and were operable at the time of discovery.

2.0 SIGNIFICANT SAFETY CONSEQUENCES AND IMPLICATIONS

The containment spray pumps remained operable; therefore, the health and safety of the public were not affected.

3.0 CAUSE OF THE EVENT

This event was caused by personnel errors in the conduct of the surveillance test program which occurred during the late January/early February 1991 time frame. The Engineering Testing Department is charged with the responsibility for preparation, coordination, and maintenance of the periodic test scheduling and tracking program for the station. Scheduling is accomplished by preparing a master planning schedule for surveillance items for which a known frequency exists. This schedule covers testing coming due during the following month and is distributed to implementing departments one to two weeks prior to the beginning of the month. Also provided at this time are the individual scheduling data sheets for each surveillance test which is to be performed. Each scheduling sheet delineates the acceptable time window during which the test is to be performed. After the test has been performed, the filled out sheet is attached to the completed test procedure and provides a means to feed back information to the Engineering Testing Department. This information is used to update the scheduling and tracking program.

In this instance, a Scheduling Data Sheet for the January 28, 1991 containment spray pump test was received by the organization responsible for performing the test on December 26, 1990. On January 24, 1991 the frequency of this test was changed from monthly to quarterly. Because of this frequency change, the Scheduling Data Sheet previously issued for the January 28, 1991 test and a Periodic Test Critique Sheet were forwarded to the Testing Group via the normal administrative chain. Both of these sheets were annotated indicating that the test was not performed due to the change in testing frequency, however, the "Test Results" section of the Periodic Test Critique Sheet

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

was incorrectly marked "satisfactory" vice "incomplete" due to administrative error. On February 1, 1991, the scheduling program frequency was changed to reflect the new quarterly performance frequency. Three days later, on February 4, 1991, the scheduling program was updated to indicate satisfactory completion of the containment spray pump surveillance test based upon the Periodic Test Critique Sheet being marked "satisfactory" on January 25, 1991, even though the test was not performed and no procedure was completed. The next performance test was then scheduled based upon a January 25, 1991 completion date and performed May 14, 1991.

4.0 IMMEDIATE CORRECTIVE ACTION(S)

The containment spray pumps had been satisfactorily tested during the subsequent two 92 day periods and were operable at the time of discovery, therefore no immediate corrective actions were required.

5.0 ADDITIONAL CORRECTIVE ACTION(S)

A multi-discipline task team had been formed earlier this year to address the conduct of the program which led to the missed surveillance and other recent similar events at the station. The team's findings are described below.

6.0 ACTIONS TO PREVENT RECURRENCE

The task team's review found that current administration of the surveillance test program was adequate and complied with station administrative directives. The Team also found that certain improvements could be made, including increased supervisory involvement, strengthened scheduling and tracking practices at the departmental level, and better communications between Engineering Testing and other departments. Accordingly, departments which perform surveillance testing reviewed their internal administrative practices and took appropriate actions to strengthen their controls over the scheduling and tracking of surveillance testing. In addition, an administrative process which provides prompt feedback to the Engineering Testing Department upon completion of surveillance testing was implemented.

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

7.0 SIMILAR EVENTS

LER 2-91-001-00: Failure to Demonstrate PORV Block Valves
Operational Due to Personnel Error

LER 1-90-007-00: Fire Protection Dampers Surveillance
Procedure Not Performed Within Technical
Specification Required Interval Due to
Administrative Oversight

8.0 ADDITIONAL INFORMATION

None.