

Southern Nuclear Operating Company
Post Office Box 1295
Birmingham, Alabama 35201
Telephone: (205) 868-5131



Southern Nuclear Operating Company

the southern electric system

Dave Morey
Vice President
Farley Project

January 10, 1995

Docket No.: 50-364

10 CFR 50.73

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Joseph M. Farley Nuclear Plant—Unit 2
Licensee Event Report No. 94-002-00
Surveillance Not Performed On
Service Water Pumps' Lube and Cooling Valves

Gentlemen:

Joseph M. Farley Nuclear Plant Licensee Event Report No. 94-002-00 is being submitted in accordance with 10 CFR 50.73. If you have any questions, please advise.

Respectfully submitted,

Dave Morey

DPH/clt:lrsurve.doc

Enclosure

cc: Mr. S. D. Ebnetter
Mr. B. L. Siegel
Mr. T. M. Ross

9501180133 950110
PDR ADDCK 05000364
PDR

JE221

LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FOR VARIOUS 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) Joseph M. Farley Nuclear Plant - Unit 2		DOCKET NUMBER (2) 050003641	PAGE (3) 1 OF 3
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TITLE (4)
Surveillance Not Performed on Service Water Pumps' Lube and Cooling Valves

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		
12	14	94	94	002	0	01	10	95	050003641		

OPERATING MODE (9) 1

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 7: (Check one or more of the following) (11)

<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)	<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)	<input type="checkbox"/> 50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input checked="" type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)	
<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(vii)(B)	
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME R.D. Hill, General Manager - Nuclear Plant	TELEPHONE NUMBER AREA CODE 205 899-5156
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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)

At 1652 on 12/14/94, with the Unit 2 reactor in mode 1 operating at 100 percent reactor power, it was determined during a surveillance schedule review, that the required surveillance for the Unit 2 service water pumps' lube and cooling valves had not been performed and had exceeded the allowable grace period. Failure to perform this inservice test within the specified surveillance interval required the A and B train service water systems to be declared inoperable. The missed surveillance test was performed satisfactorily and completed by 1747 on 12/14/94.

This event was caused by cognitive personnel error. The last date performed and the due date on the surveillance schedule was inadvertently changed during the transcription process and verification by an independent reviewer was not performed. Contributing to this was a misinterpretation of requirements by responsible personnel, in that they did not understand that all changes to the surveillance schedule, including transcriptions, required independent verification.

All surveillance schedules were reviewed to ensure correct schedules were in place. Although, additional transcription errors were noted, none of those errors resulted in a missed surveillance. This event has been discussed with personnel responsible for updating surveillance schedules. The requirement of independent verification for all changes, including transcriptions, has been communicated to the responsible personnel.

**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

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		YEAR 9 4	SEQUENTIAL YEAR - 0 0 2	REVISION NUMBER - 0 0			

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

Plant and System Identification

Westinghouse -- Pressurized Water Reactor
Energy Industry Identification System codes are identified in the text as [XX].

Description of Event

At 1652 on 12-14-94, it was determined during a surveillance schedule review, that the last date performed and the due date as listed on the Unit 2 surveillance schedule for FNP-2-STP-24.11 (Service Water Cyclone Separator Valves Inservice Test) [BI] were incorrect. FNP-2-STP-24.11 had not been performed within its specified surveillance interval and had exceeded its grace period ending on 11/26/94.

The actions required by Technical Specification 4.0.3 resulted in declaring both the A and B train service water systems inoperable. This caused entry into Technical Specification 3.0.3. Immediate action was taken to perform the missed surveillance test. At 1747 on 12/14/94, the surveillance was completed satisfactorily.

The surveillance test had been last performed on 8/3/94 and had a scheduled next quarterly due date of 11/3/94. The last date performed and the due date had been correctly calculated, entered into the schedule and verified by an independent reviewer. When the schedule sheet containing FNP-2-STP-24.11 and other scheduled surveillances required replacement, the information was transcribed to a new sheet. The dates for FNP-2-STP-24.11 were inadvertently changed during this transcription process. The transcription was not verified by an independent reviewer.

The corrective action that had been communicated to personnel, per LER 89-016(U2), had been that independent reviews were required for updates to the surveillance schedule.

Cause of Event

This event was caused by cognitive personnel error. The last date performed and the due date on the surveillance schedule were inadvertently changed during the transcription process and verification by an independent reviewer was not performed. Contributing to this was a misinterpretation of requirements by responsible personnel, in that they did not understand that all changes to the surveillance schedule, including transcriptions, were considered updates that required independent verification.

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.

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		YEAR	SEQUENTIAL YEAR	REVISION NUMBER		
		9 4	- 0 0 2	- 0 0	3	OF 3

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

Safety Assessment

This event was reportable because of entry into Technical Specifications 3.0.3.

Although the surveillance was overdue, it was completed satisfactorily, demonstrating that the equipment had remained operable during this period. There was no effect on plant operation. The health and safety of the public were not affected by this event.

Corrective Action

The actions required by Technical Specification 4.0.3 were performed. Immediate action was taken to perform the missed surveillance test. At 1747 on 12/14/94, the surveillance was completed satisfactorily.

All surveillance schedules were reviewed to ensure correct schedules were in place. Although, additional transcription errors were noted, none of those errors resulted in a missed surveillance. This event has been discussed with personnel responsible for updating surveillance schedules. The requirement of independent verification for all changes, including transcriptions, has been communicated to the responsible personnel.

Additional Information

LER 89-016(2) involved cognitive personnel error in the miscalculation of a surveillance due date associated with the completion of the surveillance schedule.

No component failures occurred during this event.

The unit was available for power operation during the period from 11-26-94 through 12-14-94.

This event would not have been more severe if it had occurred under different operating conditions.