

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) McGuire Nuclear Station - Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 6 9				PAGE (3) 1 OF 3						
TITLE (4) Missed Surveillance on Diesel Generator Fuel Transfer Pump																				
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	1	1	3	8	5	8	5	0	0	2	0	0	0	2	1	4	8	5	MNS - Unit 2	0 5 0 0 0 3 7 0
OPERATING MODE (9) 1			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)																	
POWER LEVEL (10) 1 0 0			20.402(b)				20.406(a)				50.73(a)(2)(iv)				73.71(b)					
			20.406(a)(1)(i)				50.36(a)(1)				50.73(a)(2)(v)				73.71(a)					
			20.406(a)(1)(ii)				50.36(a)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)					
			20.406(a)(1)(iii)				<input checked="" type="checkbox"/> 50.73(a)(2)(i)				50.73(a)(2)(viii)(A)									
			20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)									
			20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)									
LICENSEE CONTACT FOR THIS LER (12)																				
NAME Scott Gewehr - Licensing										TELEPHONE NUMBER AREA CODE 7 0 4 3 7 3 1 7 5 8 1										
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																				
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs										
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR				
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO								

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

On January 15, 1985, it was noted that a required quarterly surveillance had not been performed within the allowable interval. Technical Specifications state that the combined time for three consecutive surveillance intervals shall not exceed 3.25 times one interval. In the case of this quarterly surveillance, the allowable total time for 3 consecutive surveillances equals 92 days x 3.25 = 299 days. By the time the missed surveillance was noted, and performed with acceptable results the same day, a total of 301 days had elapsed.

The cause of the event is a personnel error, due to the failure to schedule the test before the end of the surveillance interval. A contributing factor is considered to be an administrative/procedural deficiency, because the required surveillance was not listed on a quarterly computer listing of procedures to be performed in the next 12-week period.

Corrective actions will include addition of the fuel oil transfer pump performance test for each diesel at McGuire to the computer listing, and a more frequent review of the scheduling printouts.

The health and safety of the public were not affected.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
McGuire Nuclear Station - Unit 1	0500036985	—	002	—00	02	OF	13

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

INTRODUCTION: On January 15, 1985, at 0815, personnel noted that a Diesel Generator 1A Fuel Oil Transfer Pump Performance Test had not been performed before the latest allowable run date of January 13, 1985. This violated Technical Specifications 4.0.5c and 4.0.2b which state the combined time interval for any three consecutive surveillance intervals shall not exceed 3.25 times the specified interval. The test was performed on the diesel generator 1A fuel oil transfer pump with acceptable results on January 15, 1985.

Unit One was in Mode One at 100% power at the time of discovery.

This incident is classified as a Personnel Error, due to personnel not scheduling the test before the surveillance interval of 92 days expired. A contributing Administrative/Procedural Deficiency, is also assigned to this incident due to the test not being listed on the quarterly printout made by Performance personnel. This computer printout is not maintained in accordance with a procedure.

EVALUATION: Technical Specification 4.0.2b states that the maximum combined time of three consecutive surveillance intervals for quarterly surveillance is 3.25 times the stated surveillance interval. The maximum combined time for PT/1A/4350/17A was 299 days (92 x 3.25). The actual combined time for the last three consecutive surveillance intervals was 301 days.

Performance personnel have three computer printouts which aid them in coordinating the surveillance testing program. Two of the computer printouts are maintained by the Compliance Group. One printout is done on a weekly basis and lists all procedures that need to be done in the next thirty days. The second printout from the Compliance Group is updated monthly and lists all the procedures and their test history. Both of these printouts listed the Diesel Generator 1A Fuel Oil Transfer Pump Performance Test. The third printout is maintained by Performance personnel and lists the procedures to be performed on a day-to-day basis for a twelve week period, but it did not list the test.

Even though the procedure was not listed on the Performance printout, it was listed on both printouts maintained by Compliance personnel. The printouts are reviewed weekly by the Unit One and Two Test Supervisors and the Test Engineer. During outages, the Unit Outage Coordinator reviews the printout. The two Compliance printouts are hard to read due to the fact that procedure numbers and the dates are not on the same line. On the printout used by Performance personnel, the procedure was listed on one page while the date was on the next page. The Performance Test Engineer stated that he overlooked the procedure. The Test Supervisor relied on the Test Engineer to notify him when the procedure was scheduled to be performed. Because the Test Engineer overlooked this procedure, the Test Supervisor was not notified. It should be noted that the Test Engineer had only been in his present position approximately one month, but had been told this test had to follow the operations D/G operability test. It was thus tied to the Operation's test and was normally scheduled by the Test Engineer whenever the operability test came up.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)  McGuire Nuclear Station - Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 3 6 9				LER NUMBER (6)			PAGE (3)		
					YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
					8 5	- 0 0 2	- 0 0	0 3	OF	3

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

The fuel transfer pump test requires the fuel oil day tank level to be between 35 and 50 inches at the start of the test. For the day tank to reach this level, the diesel generator must be operated. To aid in meeting the requirement, Performance personnel normally schedule the test to be done after Operations personnel perform a Diesel Generator 1A Operability test. Performance personnel ask Operations personnel to leave the fuel oil day tank level low after they stop the diesel so the pump can be tested. Since this procedure is performed monthly, the performance date of the transfer pump test varies, depending on when Operations personnel perform the Diesel Operability Test.

On January 15, 1985, the Test Supervisor noted that the transfer pump test had not been performed, and the Test Engineer was notified. Performance technicians were sent out to perform the procedure and satisfactory results were obtained.

CORRECTIVE ACTION: The fuel oil transfer pump test for each Diesel Generator will be added to the quarterly computer listing. In addition, this listing will be reviewed by the Outage Coordinators on a weekly basis rather than only during outages.

SAFETY ANALYSIS: Even though the fuel oil transfer pump was technically inoperable for a day and a half, it was capable of performing its function as shown by the performance test. None of the four fuel oil transfer pumps have ever failed a performance test. The train B fuel oil transfer pump for diesel generator 1B was operable at all times. The health and safety of the public were not affected by this incident.

**DUKE POWER COMPANY**

P.O. BOX 33189  
CHARLOTTE, N.C. 28242

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

TELEPHONE  
(704) 373-4531

February 14, 1985

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

Subject: McGuire Nuclear Station, Unit 1  
Docket No. 50-369  
LER 369/85-02

Gentlemen:

Pursuant to 10 CFR 50.73 Sections (a)(1) and (d), attached is Licensee Event Report 369/85-02 concerning a Missed Technical Specification surveillance, which is submitted in accordance with §50.73 (a)(2)(i). This event was considered to be of no significance with respect to the health and safety of the public.

Very truly yours,

*H. B. Tucker / MJS*

Hal B. Tucker

SAG/mjf

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

INPO Records Center  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, Georgia 30339

M&M Nuclear Consultants  
1221 Avenue of the Americas  
New York, New York 10020

Mr. W. T. Orders  
NRC Resident Inspector  
McGuire Nuclear Station

American Nuclear Insurers  
c/o Dottie Sherman, ANI Library  
The Exchange, Suite 245  
270 Farmington Avenue  
Farmington, CT 06032

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