

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) **JAMES A. FITZPATRICK NUCLEAR POWER PLANT** DOCKET NUMBER (2) **050003333** PAGE (3) **1 OF 03**

TITLE (4) **FAILURE TO PERFORM SURVEILLANCE TEST AT REQUIRED FREQUENCY**

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)
03	03	86	86	001	000	03	24	86			050003

OPERATING MODE (9) **N** THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
20.406(a)(1)(i)	50.38(e)(1)	50.73(a)(2)(v)	73.71(e)
20.406(a)(1)(ii)	50.38(e)(2)	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
20.403(a)(1)(iii)	X 50.73(a)(2)(ii)	50.73(a)(2)(viii)(A)	
20.406(a)(1)(iv)	50.73(a)(2)(iii)	50.73(a)(2)(viii)(B)	
20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

POWER LEVEL (10) **1100**

LICENSEE CONTACT FOR THIS LER (12)

NAME **Roger A. Locy** TELEPHONE NUMBER **315 342-3840**  
**Assistant Operations Superintendent**

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14) YES (if yes, complete EXPECTED SUBMISSION DATE)  NO  X

EXPECTED SUBMISSION DATE (15) MONTH DAY YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (18)

On March 2, 1986, while operating at 100% power, the Shift Supervisor became aware that F-ST-5Q (Flow Bias Functional Test\*) had not been performed since June 9, 1985. F-ST-5Q is a monthly surveillance which functionally tests the Average Power Range Monitors (APRM) flow bias scram trips over a range of different core flows. Shortly after discovery, the surveillance was satisfactorily completed.

An investigation indicates the surveillance was inadvertently omitted from the Operations Department surveillance schedule while shifting between Run Mode testing and not in Run Mode testing and back to Run Mode testing after two plant trips occurred within a two week time period.

An audit was conducted of the Operations Department surveillance schedule to ensure no other test had been omitted.

IE22  
1/1

8603310391 860324  
PDR ADOCK 05000333  
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) <b>JAMES A. FITZPATRICK NUCLEAR POWER PLANT</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 3 3 3 8 6</b>	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		<b>- 0 0 1</b>	<b>- 0 1 0</b>	<b>0 2</b>	<b>OF</b>	<b>0 3</b>	

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

During normal full power operation, on March 2, 1986 at approximately 0030, several non-licensed operators were reviewing their qualification books with the on-duty Shift Supervisor to determine what surveillance tests could be performed for on-the-job training. During this review the Shift Supervisor noticed F-ST-5Q (Flow Bias Functional Test), which was listed in the Qualification Book, was not on the Operations Department Master Surveillance Schedule. F-ST-5Q is a monthly surveillance which functionally tests the Average Power Range Monitors (APRM) flow bias scram trips. The Shift Supervisor checked the completed surveillance test file and determined F-ST-5Q had been last performed on June 9, 1985. The Shift Supervisor contacted the Assistant Operations Superintendent and informed him of the discrepancy. The Assistant Operations Superintendent instructed the Shift Supervisor to check the superseded surveillance file and determine if the surveillance had been deleted; possibly the requirement was being fulfilled in an Instrument and Control Department test. The Shift Supervisor was also instructed to perform F-ST-5Q if he could not verify the surveillance had been deleted. F-ST-5Q was completed at 0516 on March 2, 1986.

On March 3, 1986 an investigation was conducted to determine why F-ST-5Q was omitted from the Operations Department Master Surveillance Schedule, and if the Technical Specification Flow Bias Testing requirements had been met by another test. A review of F-ST-5Q, F-ST-5B (APRM Instrument Functional Test (Run Mode)\*), F-ISP-20 (APRM Rod Block Upscale and Downscale Instrument Calibration\*) and Technical Specifications was conducted. From the review it was determined, the APRM flow bias scram function was not tested at a range of core flows, as performed in F-ST-5Q. A review of the Operations Department Master Surveillance Schedule, a computerized schedule, showed the surveillance was deleted from the schedule during the weekly update for the week of July 1, 1985. This deletion is believed to have been caused by a misunderstanding between operations management and the clerk using the computer program. When it was desired to suspend the surveillance, because it was not required while the plant was shutdown, the surveillance was actually deleted. The plant tripped on June 10, 1985 and again on June 24, 1985. During these trips, the APRM surveillances shift from Run Mode testing to not in Run Mode testing. Supervisory reviews of the schedule did not pick up the missing surveillance.

Based on the fact that the APRMs were functionally tested weekly, using F-ST-5B, the Shift Supervisor did not declare the APRMs inoperable. The APRM was functionally tested weekly and the flow bias scram trip was tested for a 100% flow condition. F-ST-5Q tests the scram set-point at 125% flow, 100% flow, 50% flow, and 25% flow. The Shift Supervisor upon determining a surveillance had been missed, should have declared the components inoperable and entered the Limiting Condition of Operation action statement. In this case the action statement would require reducing power to within the IRM range and place the Mode Switch in Start-up Position within eight hours. The surveillance test was completed satisfactory within the eight hour period, but the action statement was not officially entered.

Immediate corrective actions taken were as follows:

1. Two independent audits were made of the Surveillance Schedule to ensure all required surveillances were scheduled.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) <b>JAMES A. FITZPATRICK NUCLEAR POWER PLANT</b>	DOCKET NUMBER (2)  0   5   0   0   0   3   3   3   8   6   -   0   0   1   -   0   0   0   3   OF   0   3	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 386A's) (17)

2. All shifts were informed and re-instructed; that when a surveillance is found beyond the due date, as described by Technical Specifications, the equipment tested in that surveillance should be declared inoperable, and the appropriate action statement entered, until such time that the surveillance is satisfactorily completed.

Long term corrective action will include:

1. Prior to or during plant start-ups two independent audits will be performed to ensure all Operations Department surveillance tests are properly scheduled.
2. An Operations Department surveillance test audit will be performed quarterly to ensure Technical Specification frequency compliance. The governing document will be implemented by May 1, 1986. This will strengthen the supervisory review of Operations Department surveillance test schedule.
3. An Operations Department procedure will be developed which will control the method of updating the Operations Department surveillance schedule, and give instructions to shift personnel on actions to be taken if a surveillance is found outside of the required frequency. This procedure will be implemented by May 1, 1986.

James A. FitzPatrick  
Nuclear Power Plant  
P.O. Box 41  
Lycoming, New York 13093  
315 342.3840



Radford J. Converse  
Resident Manager

March 24, 1986  
JAFP-86-0256

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

REFERENCE: DOCKET NO. 50-333 Licensee Event Report: 86-001-00

Dear Sir:

Enclosed please find the referenced Licensee Event Report in accordance with the requirements of 10 CFR 50.73.

If there are any questions concerning this report, please contact Mr. Roger A. Locy (315) 342-3840, Extension 302.

A handwritten signature in cursive script, appearing to read 'R. Converse'.

RADFORD J. CONVERSE

RJC:RAL:dmh

Enclosure

CC: USNRC, Region I (1)  
INPO Records Center, Atlanta, Georgia (1)  
Internal Power Authority Distribution  
American Nuclear Insurers (i)  
NRC Resident Inspector  
Document Control Center  
LER/OR File

IE22  
1/1