



Florida Power & Light Company, 6351 S. Ocean Drive, Jensen Beach, FL 34957

April 25, 2000

L-2000-107
10 CFR § 50.73

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

Re: St. Lucie Unit 1
Docket No. 50-335
Reportable Event: 2000-002-00
Date of Event: March 30, 2000
Missed Surveillance and Operation
Prohibited by Technical Specifications

The attached Licensee Event Report 2000-002 is being submitted pursuant to the requirements of 10 CFR § 50.73 to provide notification of the subject event.

Very truly yours,

A handwritten signature in black ink, appearing to read 'R. S. Kundalkar', is written over the typed name.

R. S. Kundalkar
Vice President
St. Lucie Nuclear Plant

RSK/EJW/KWF
Attachment

cc: Regional Administrator, USNRC, Region II
Senior Resident Inspector, USNRC, St. Lucie Nuclear Plant

Handwritten initials in black ink, possibly 'JEZ', are located in the bottom right corner of the page.

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) St. Lucie Unit 1	DOCKET NUMBER (2) 05000335	PAGE (3) Page 1 of 3
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TITLE (4)
Missed Surveillance and Operation Prohibited by Technical Specifications

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	DOCKET NUMBER
03	30	2000	2000	002	00	04	25	2000	FACILITY NAME	DOCKET NUMBER

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)								
		20.2201(b)	20.2203(a)(2)(v)	<input checked="" type="checkbox"/>	50.73(a)(2)(i)	50.73(a)(2)(viii)				
POWER LEVEL (10)	100	20.2203(a)(1)	20.2203(a)(3)(i)		50.73(a)(2)(ii)	50.73(a)(2)(x)				
		20.2203(a)(2)(i)	20.2203(a)(3)(ii)		50.73(a)(2)(iii)	73.71				
		20.2203(a)(2)(ii)	20.2203(a)(4)		50.73(a)(2)(iv)	OTHER				
		20.2203(a)(2)(iii)	50.36(c)(1)		50.73(a)(2)(v)		Specify in Abstract below or in NRC Form 366A			
		20.2203(a)(2)(iv)	50.36(c)(2)		50.73(a)(2)(vii)					

LICENSEE CONTACT FOR THIS LER (12)

NAME Kenneth W. Frehafer, Licensing Engineer	TELEPHONE NUMBER (Include Area Code) (561) 467 - 7748
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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
A	EB	N/A	N/A	NO	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

SUPPLEMENTAL REPORT EXPECTED (14)				EXPECTED SUBMISSION DATE (15)		
YES (If yes, complete EXPECTED SUBMISSION DATE).	<input checked="" type="checkbox"/>	NO				

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

On April 2, 2000 St. Lucie Unit 1 was at 100 percent power. Operations personnel determined that a required weekly surveillance was not performed within the appropriate grace time. The subject surveillance verifies that the safety related 4160 volt buses are aligned to or capable of receiving power from off-site power sources via the associated startup transformer. The review of the chronological logs indicated the surveillance was performed satisfactorily at 0230 on April 1, 2000, in preparation for an unrelated 1A emergency diesel generator code run. However, the previously recorded performance of this weekly surveillance was on March 21, 2000. With the addition of the 25% grace period, this surveillance should have been conducted no later than March 30, 2000.

This event was caused by personnel error when procedural requirements were not met due to inattention to detail by the control room staff.

Immediate corrective actions included the issuance of a night order to reinforce management expectations. This event is under consideration for inclusion into the continuing operator training program.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
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St. Lucie Unit 1	05000335	2000	- 002	- 00	Page 2 of 3

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

Description of the Event

On April 2, 2000, St. Lucie Unit 1 was at 100 percent power. Operations personnel determined that the surveillance required to assure that safety related 4160 volt buses [ELIS:EB] are aligned to or capable of receiving power from off-site power sources through the associated startup transformer was not performed within the appropriate grace time. TS 4.8.1.1.1.a requires that:

"Each of the above required independent circuits between the offsite transmission network and the onsite Class 1E distribution system shall be determined OPERABLE at least once per 7 days by verifying correct breaker alignments, indicated power availability..."

The review of the chronological logs indicated the surveillance was performed satisfactorily at 0230 on April 1, 2000, in preparation for an unrelated 1A emergency diesel generator code run. However, the previously recorded performance of this weekly surveillance was on March 21, 2000. With the addition of the 25% grace period, this surveillance should have been conducted no later than March 30, 2000.

Cause of the Event

The cause of this event was personnel error. Inattention to detail by licensed operators resulted in failure to follow procedural requirements for surveillance testing.

Analysis of the Event

This event is reportable under 10 CFR 50.73(a)(2)(i)(B) as "any operation or condition prohibited by the plant's Technical Specifications.

Analysis of Safety Significance

This surveillance is performed in accordance with procedure 1-OSP-100.01, "Schedule of Periodic Tests, Checks and Calibrations." 1-OSP-100.01 is formatted such that a section is completed each day of the week (7.1 on Mondays, 7.2 on Tuesdays, ...through 7.6 on Saturdays). Section 7.2 of this procedure is entitled "Surveillances performed on Tuesday," and step 7.2.2C verifies that each 4160 bus (1A3 and 1B3) is aligned to receive or is receiving power from an offsite power source through its associated Startup Transformer.

The review on April 2 identified where signatures were missing from dayshift sections 7.2.2C of the procedure that had been worked the previous Tuesday, March 28, 2000.

Section 7.2.2.C requires operators to verify that the safety related 4160 volt buses are aligned to or capable of receiving power from off-site power sources through the associated startup transformer. This surveillance is performed in the control room by inserting the synch plug into the reactor turbine generator board (RTGB) synch switch for each 4160 bus and rotating the switch to the startup transformer position. Operators then verify that the incoming and line voltages are correct and that the synch scope appears normal.

As described above, this surveillance was performed satisfactorily on April 1, 2000. The subject equipment was proven capable of performing its required safety function during the delinquent surveillance interval. Therefore, there was no adverse impact on the health and safety of the public due to this missed surveillance.

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

Corrective Actions

1. Review of plant records indicated that the surveillance to verify proper alignment for off-site power was satisfactorily performed on April 1, 2000, in preparation for an unrelated 1A emergency diesel generator run. This reset the surveillance clock and the normal cycle of performing the surveillance on Tuesdays per OSP-100.01 was resumed on April 4, 2000.
2. Operations personnel involved in this event were counseled in regard to the expectations for a high level of attention to detail. Supervisory personnel were counseled regarding the expectations for oversight of shift activities and thorough supervisory reviews of completed shift records.
3. To enhance management expectations, short-term direction was provided via the operations night order for April 3, 2000. The ANPS reviews of 1-OSP-100.01 through 1-OSP-100.13 were to include all previous sections of the procedure for the week through the shift just being completed, not just for the shift being completed.
4. This event will be evaluated for inclusion in the continuing operator training program.

Additional Information

Failed Components Identified

None

Similar Events

- LER 50-389/1999-008 "Improper Return of RPS Channel Back in Service Results in Operation Prohibited by TS."
- LER 50-355/1998-006, "Missed EDG Fuel Oil Sample Surveillance Due to Personnel Error."