

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9011130363 DOC. DATE: 90/11/09 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light Co 05000250
 AUTH. NAME AUTHOR AFFILIATION
 POWELL, D.R. Florida Power & Light Co.
 PLUNKETT, T.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 90-020-00: on 901013, missed Tech Spec required
 surveillance on station batteries due to personnel error.

DISTRIBUTION CODE: IE22T COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

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	PD2-2 LA EDISON, G	1 1 1 1	PD2-2 PD	1 1
INTERNAL:	ACNW	2 2	AEOD/DOA	1 1
	AEOD/DSP/TPAB	1 1	AEOD/ROAB/DSP	2 2
	NRR/DET/ECMB 9H	1 1	NRR/DET/EMEB 7E	1 1
	NRR/DLPQ/LHFB11	1 1	NRR/DLPQ/LPEB10	1 1
	NRR/DREP/PRPB11	2 2	NRR/DST/SELB 8D	1 1
	NRR/DST/SICB 7E	1 1	NRR/DST/SPLB8D1	1 1
	NRR/DST/SRXB 8E	1 1	REG-FILE 02	1 1
	RES/DSIR/EIB	1 1	RGN2 FILE 01	1 1
EXTERNAL:	EG&G BRYCE, J.H	3 3	L ST LOBBY WARD	1 1
	NRC PDR	1 1	NSIC MAYS, G	1 1
	NSIC MURPHY, G.A	1 1	NUDOCS FULL TXT	1 1

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AD-4



NOV 09 1990

L-90-390
10 CFR 50.73

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

Gentlemen:

Re: Turkey Point Unit 3 & 4.
Dockets No. 50-250 and 50-251
Reportable Event: 90-020-00
Date of Event: October 13, 1990
Missed Technical Specification Required Surveillance on
Station Batteries Due to Personnel Error

The attached Licensee Event Report, 250/90-020-00, concerning a plant Technical Specification required surveillance is being submitted pursuant to the requirements of 10 CFR 50.73 and NUREG 1022.

Very truly yours,

T. F. Plunkett
Vice President
Turkey Point Nuclear

TFP/DPS/ds

enclosure

cc: Stewart D. Ebnetter, Regional Administrator, Region II,
USNRC,
Senior Resident Inspector, USNRC, Turkey Point Plant

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PDR ADUCK 05000250
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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Turkey Point Unit 3										DOCKET NUMBER (2) 0 5 0 0 0 2 5 0				PAGE 13 1 OF 03										
TITLE (4) Missed Technical Specification Required Surveillance on Station Batteries 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 Turkey Point Unit 4			DOCKET NUMBER(S) 0 5 0 0 0 2 5 1												
1	0	1	3	9	0	9	0	0	2	0	0	1	1	0	9	9	0	0	5	0	0	0		
OPERATING MODE (9) 1		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(a)				80.734(2)(iv)				73.71(b)										
		20.405(a)(1)(i)				80.36(a)(1)				80.734(2)(v)				73.71(a)										
		20.405(a)(1)(ii)				80.36(a)(2)				80.734(2)(vi)				OTHER (Specify in Abstract below and in Text NRC Form 308A)										
		20.405(a)(1)(iii)				X 80.734(2)(ii)				80.734(2)(vii)(A)														
		20.405(a)(1)(iv)				80.734(2)(iii)				80.734(2)(vii)(B)														
		20.405(a)(1)(v)				80.734(2)(iv)				80.734(2)(viii)														
LICENSEE CONTACT FOR THIS LER (12)																								
NAME D. R. Powell, Superintendent of Licensing										TELEPHONE NUMBER AREA CODE 3 0 5 2 4 6 - 6 5 5 9														
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																								
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS														
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR								
X YES (If yes, complete EXPECTED SUBMISSION DATE)												NO		0	2	2	8	9	1					
ABSTRACT (Limit to 1400 words, i.e., approximately fifteen single-spaced typewritten lines) (16)																								

On October 13, 1990, at approximately 1000 EDT, the 24 hour plus 6 hour (i.e., 25 percent grace - TS 4.0.1) surveillance interval of Technical Specification (TS) 4.8.2.1 a. was exceeded. This event was discovered at 1230 EDT, during the review of Unit 4 log sheets in accordance with procedure 4-OSP-201.3, "NPO Daily Logs." The vital DC station batteries were declared inoperable, both units entered TS 3.0.1, and electricians were dispatched to take the required battery pilot cell specific gravity readings. At 1319 EDT, the required surveillance was completed and verified acceptable and TS 3.0.1 was exited. This event was caused by cognitive personnel error in that plant non-licensed personnel responsible for taking and recording the required readings were preoccupied with resolution of a TS limiting condition for operation (LCO). The surveillance could have still been performed within its time requirements except for an inadequate review of required surveillances during shift turnover by a licensed operator. Applicable plant procedures were revised to preclude recurrence of this event. A management review of the generic problem of surveillance scheduling and tracking is being performed to determine applicable corrective actions to reduce the number of missed surveillances. This report will be revised to report the results of this review.

FACILITY NAME (1) Turkey Point Unit 3	DOCKET NUMBER (2) 0 5 0 0 0 2 5 0	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9 0	- 0 2 0	- 0 0	0 0	2 OF	0 3

TEXT (If more space is required, use additional NRC Form 364A's) (17)

I. EVENT DESCRIPTION

On October 13, 1990, at approximately 1000 EDT, the 24 hour plus or minus 6 hour (i.e., 25 percent grace - TS 4.0.1) surveillance interval of Technical Specification (TS) 4.8.2.1 a. was exceeded.

This event was discovered at 1230 EDT, by the oncoming Assistant Plant Supervisor - Nuclear (APSN), during the review of Unit 4 log sheets in accordance with procedure 4-OSP-201.3, "NPO Daily Logs." The daily surveillance of the Unit 3 and Unit 4 shared station batteries is covered by procedure 4-OSP-201.3. The vital DC station batteries were declared inoperable, both units entered TS 3.0.1, and electricians were dispatched to take the required battery pilot cell specific gravity readings.

At 1319 EDT, the required surveillances were completed and verified and TS 3.0.1 was exited.

II. EVENT CAUSE

1. Root Cause

This event was caused by cognitive personnel error in that non-licensed plant personnel responsible for taking the required readings and the non-licensed plant personnel responsible for recording the required readings were involved with corrective maintenance necessary to return TS required equipment to service within the time permitted by the applicable TS limiting condition for operation (LCO).

2. Contributing Causes include:

- a. The Unit 4 Turbine Operator (non-licensed operator) responsible for collecting the data for procedure 4-OSP-201.3 failed to inform the Assistant Plant Supervisor - Nuclear (APSN) that the battery readings had not been received.
- b. An inadequate log sheet review was made by the APSN. The APSN should have noticed the open surveillance during the review of the logs and initiated actions to have the surveillance performed.

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		0	5	0	0	0

Turkey Point Unit 3

0 5 0 0 0 2 5 0 9 0 - 0 2 0 - 0 0 0 3 OF 0 3

TEXT (If more space is required, use additional NRC Form 3054's) (17)

III. EVENT SAFETY ANALYSIS

The late surveillance of the station batteries made the batteries technically inoperable. The surveillance, completed at 1319 EDT, verified that the specific gravity, level, and temperature of the pilot cells were within their required limits. Therefore, the parameters measured in this surveillance indicate that sufficient stored charge was available for the batteries to perform their required safety function.

IV. CORRECTIVE ACTIONS

1. Procedure 4-OSP-201.3 was revised to require verification of start and completion of the station batteries surveillance within a set time interval on a daily basis.
2. All non-licensed operator rounds sheets were reviewed for Technical Specification required surveillances. Those required by Technical Specifications have been highlighted for the benefit of the operators performing the rounds and to aid the APSN in his review.
3. The operators involved with this event have been counselled.
4. This event and the resulting procedural changes were reviewed with all applicable personnel.
5. A management review of the generic problem of surveillance scheduling and tracking is being performed to determine applicable corrective actions to reduce the number of missed surveillances. This review is scheduled to be completed February 15, 1991. A revision to this report will be submitted to report the results of this review and the corrective actions determined to be necessary.

V. ADDITIONAL INFORMATION

A. Similar Events

Other LERs have been submitted involving missed surveillances, however, none of the root causes for these previous events were similar to the root cause of this event. Thus none of the corrective actions taken for these previous similar events were applicable to the event reported in this LER.

B. Equipment Failures

None

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 POWELL,D.R. Florida Power & Light Co.
 PLUNKETT,T.F. Florida Power & Light Co.
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	NSIC MURPHY,G.A	1 1	NUDOCS FULL TXT	1 1

THIS DOCUMENT
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Vice President
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enclosure

cc: Stewart D. Ebner, Regional Administrator, Region II,
USNRC,
Senior Resident Inspector, USNRC, Turkey Point Plant

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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Turkey Point Unit 3										DOCKET NUMBER (2) 0 5 0 0 0 2 5 0										PAGE (3) 1 OF 0 3									
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THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																													
OPERATING MODE (9)			20.402(b)					20.408(a)					80.73(a)(2)(w)					73.71(b)											
POWER LEVEL (10)			20.408(a)(1)(i)					80.38(a)(1)					80.73(a)(2)(v)					73.71(e)											
1			20.408(a)(1)(ii)					80.38(a)(2)					80.73(a)(2)(vi)					OTHER (Specify in Abstract below and in Text, NRC Form 366A)											
			20.408(a)(1)(iii)					X 80.73(a)(2)(i)					80.73(a)(2)(vii)(A)																
			20.408(a)(1)(iv)					80.73(a)(2)(ii)					80.73(a)(2)(vii)(B)																
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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Turkey Point Unit 3	0 5 0 0 0 2 5 0	9 0	— 0 2 0	— 0 0	0 0	2 OF	0 3

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

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 388A's) (17)

III. EVENT SAFETY ANALYSIS

The late surveillance of the station batteries made the batteries technically inoperable. The surveillance, completed at 1319 EDT, verified that the specific gravity, level, and temperature of the pilot cells were within their required limits. Therefore, the parameters measured in this surveillance indicate that sufficient stored charge was available for the batteries to perform their required safety function.

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B. Equipment Failures

None

