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 FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light Co. 05000261
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 SHEPPARD, J.J. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 91-007-00: on 910519, licensee maint personnel identified that maint surveillance test had not been performed as scheduled. Caused by personnel error. Work schedules being posted in specified location. W/910606 ltr.

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	NRR/DET/ECMB 9H	1 1	NRR/DET/EMEB 7E	1 1
	NRR/DLPQ/LHFB10	1 1	NRR/DLPQ/LPEB10	1 1
	NRR/DOEA/OEAB	1 1	NRR/DREP/PRPB11	2 2
	NRR/DST/SELB 8D	1 1	NRR/DST/SICB8H3	1 1
	NRR/DST/SPLB8D1	1 1	NRR/DST/SRXB 8E	1 1
	<u>REG FILE</u> 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
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Carolina Power & Light Company

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JUN 06 1991

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United States Nuclear Regulatory Commission
Attn: Document Control Desk
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
LICENSEE EVENT REPORT 91-007

Gentlemen:

The enclosed Licensee Event Report (LER) is submitted in accordance with 10 CFR 50.73 and NUREG-1022 including Supplements No. 1 and 2.

Very truly yours,

J. J. Sheppard
General Manager
H. B. Robinson S. E. Plant

DHB:dwm

Enclosure

cc: Mr. S. D. Ebnetter
Mr. L. W. Garner
INPO

9106170046 910606
PDR ADOCK 05000261
S PDR

LE22
11

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2										DOCKET NUMBER (2) 0 5 0 0 0 2 6 1				PAGE (3) 1 OF 0 4									
TITLE (4) FAILURE TO PERFORM SURVEILLANCE TEST																							
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	5	1	7	9	1	9	1	0	0	7	0	0	0	6	0	6	9	1	0	5	0	0	0
OPERATING MODE (9) N		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																					
POWER LEVEL (10) 1 9 2		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)									
		20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)									
		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)									
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)													
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)													
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)													
LICENSEE CONTACT FOR THIS LER (12)																							
NAME David H. Baur - Regulatory Compliance										TELEPHONE NUMBER													
										AREA CODE 8 0 3 3 8 3 - 1 2 9 6													
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)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR							
YES (If yes, complete EXPECTED SUBMISSION DATE)												X NO											

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

At about 2000 on May 19, 1991, with the H. B. Robinson Unit No. 2 Operating at about 92% power, it was identified that the Maintenance Surveillance Test, MST-902, Battery Test - Daily 5 Days Per Week, had not been performed on May 17, 1991, to meet the 5 days per week requirement for the week of May 11 through 17, 1991. This surveillance test is required by Technical Specification 4.6.3. When it was identified that the scheduled surveillance test was missed, Licensee Technicians performed the test proving Station Battery Operability by 2015 May 19, 1991. The Licensee Instrumentation and Control (I&C) Supervisor and the Shift Supervisor were notified of the missed surveillance at 2030 May 19, 1991, and the Shift Supervisor documented that the Station Batteries were administratively Out of Service from 2000 to 2015.

This LER is the result of personnel error and is being reported under 10CFR50.73 (a) (2) (i) and 50.73 (a) (2) (vii).

NRC Form 366A
(9-83)

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-3104

EXPIRES: 8/31/86

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2	0 5 0 0 0 2 6 1	9 1	0 0 7	0 0	0 2	OF 0 4

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

I. DESCRIPTION OF EVENT

At about 2000 on May 19, 1991, with the H. B. Robinson Unit No. 2¹ Operating at about 92% power, Licensee Maintenance Personnel identified that the Maintenance Surveillance Test, MST-902, Battery Test - Daily 5 Days Per Week, had not been performed as scheduled on May 17, 1991 to meet the 5 days per week requirement for the week of May 11 through 17, 1991. This surveillance test is required by Technical Specification 4.6.3 which requires the measurement and recording of Voltage, Temperature, Specific Gravity, and Electrolyte Level "Daily, Five Days Per Week". When the missed surveillance test was identified, a Maintenance Instrumentation and Control (I&C) Technician immediately performed the test thereby proving Station Battery Operability by 2015 May 19, 1991. The Maintenance I&C Supervisor and the Operations Shift Supervisor were notified at 2030 May 19, 1991, and the Operations Shift Supervisor documented that the Station Batteries had been administratively Out of Service from 2000 to 2015.

II. CAUSE OF EVENT

Maintenance Surveillance Tests (MSTs) are scheduled by the I&C Supervisor, who develops work schedules for each Technician for the week. The schedule identifies the Work Request (W/Rs) and MSTs that are to be performed each day and by whom. A copy of this schedule is given to the lead Technician. In addition, the I&C Supervisor compiles all of the MSTs to be performed for the week into a work package. The MSTs were assigned to the night shift, and the MST package was given to the first night shift crew of the week.

There were three different crews on night shift during the week in question and no formal turnover of the MST package, from one night shift crew to the next, was made. The package was turned over by leaving it on the desk of a Technician working the next night.

Everything went according to schedule until Friday, May 17, 1991, when the MST package was left on the desk of a Technician who was working Friday night. However, the package was inadvertently moved during an office clean-up that afternoon.

¹H. B. Robinson No. 2 is a Pressurized Water Reactor in commercial operation since March 1971.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2	DOCKET NUMBER (2) 0 5 0 0 0 2 6 1 9 1 - 0 0 7 - 0 0 0 3 OF 0 4	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

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

There were two Technicians working Friday night, May 17, 1991, and only one of them had a work schedule. The schedule for Friday night identified two W/Rs to work. One identified the MST to be performed and the other was for the Containment Vessel (CV) Dew Point Recorder. The crew worked the W/R for the Dew Point Recorder but failed to notice the W/R for the MST on the schedule. Since the crew did not detect the W/R for the MST on the schedule, and did not have the MST package on their desk to remind them, they did not perform the MST on the Station Batteries as required. Therefore, this event was caused by Personnel Error.

III. ANALYSIS OF EVENT

The failure to perform the Station Battery MST as required by Technical Specifications is being reported under 10CFR50.73 (a) (2) (i) (B), "Any operation or condition prohibited by the Plants Technical Specification", and 50.73 (a) (2) (vii) (A), "Any event where a single cause or condition caused at least one independent train or channel to become inoperable in multiple systems or two independent trains or channels to become inoperable in a single system designed to: Shut down the reactor and maintain it in a safe shutdown condition".

There were no safety consequences resulting from this event because only two days lapsed between the test of Thursday, May 16, 1991, and Sunday, May 19, 1991, which is the same time period as Friday to Monday of a normal scheduled week. The Technical Specifications Section 4.6 Basis states, "Station batteries will deteriorate with time, but precipitous failure is extremely unlikely. The surveillance specified is that which has been demonstrated over the years to provide an indication of a cell becoming unserviceable long before it fails." Additionally, the MST was satisfactorily performed on Sunday, May 19, 1991, demonstrating that the Station Batteries were Operable during the time in question.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/88

FACILITY NAME (1) H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2	DOCKET NUMBER (2) 0 5 0 0 0 2 6 1	LER NUMBER (8)			PAGE (3)	
		YEAR 9 1	SEQUENTIAL NUMBER 0 0 7	REVISION NUMBER 0 0	0 4	OF

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

IV. CORRECTIVE ACTIONS

As previously stated, the immediate corrective action was to perform MST-902, which was completed within 15 minutes of the identification of the failure to perform the test on Friday, May 17, 1991.

The corrective actions that have been taken to prevent further occurrence of this event are as follows:

1. A specific time for the performance of the I&C MSTs has been established,
2. Work schedules are being posted in a specified location,
3. MSTs to be completed are being kept in a permanent location in lieu of being passed from one desk to the next, and
4. The I&C Technicians have been informed of this event and the corrective actions listed above.

V. ADDITIONAL INFORMATION

1. Component Failures

None

2. Previous Similar Events
LER 85-001