

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9004060044 DOC.DATE: 90/03/29 NOTARIZED: NO DOCKET #  
 FACIL:50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400  
 AUTH.NAME AUTHOR AFFILIATION  
 SCHWABENBAUER Carolina Power & Light Co.  
 RICHEY,R.B. Carolina Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 90-004-00:on 900227,Tech Spec violation due to missed  
 leak rate evaluation caused by procedural weakness.

W/9 ltr.

DISTRIBUTION CODE: IE22T COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2  
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:Application for permit renewal filed.

05000400

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	NRR/DET/ECMB 9H	1 1	NRR/DET/EMEB9H3	1 1
	NRR/DET/ESGB 8D	1 1	NRR/DLPQ/LHFB11	1 1
	NRR/DLPQ/LPEB10	1 1	NRR/DOEA/OEAB11	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 STUART,V.A	1 1	L ST LOBBY WARD	1 1
	LPDR	1 1	NRC PDR	1 1
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**Carolina Power & Light Company**

P. O. Box 165 • New Hill, N. C. 27562

MAR 29 1990

R. B. RICHEY  
Manager  
Harris Nuclear Project

Letter Number: HO-900068 (0)

U.S. Nuclear Regulatory Commission  
ATTN: NRC Document Control Desk  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1  
DOCKET NO. 50-400  
LICENSE NO. NPF-63  
LICENSEE EVENT REPORT 90-004-00

Gentlemen:

In accordance with Title 10 to the Code of Federal Regulations, the enclosed Licensee Event Report is submitted. This report fulfills the requirement for a written report within thirty (30) days of a reportable occurrence and is in accordance with the format set forth in NUREG-1022, September 1983.

Very truly yours,

*C. Stinnant for*

R. B. Richey, Manager  
Harris Nuclear Project

RBR:dgr

Enclosure

cc: Mr. R. A. Becker (NRR)  
Mr. S. D. Ebnetter (NRC - RII)  
Mr. J. E. Tedrow (NRC - SHNPP)

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PDR ADOCK 05000400  
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MEM/LER-90-004/1/OS1

## LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 60.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) SHEARON HARRIS NUCLEAR POWER PLANT - UNIT 1 DOCKET NUMBER (2) 0 5 0 0 0 4 0 0 1 OF 0 1 PAGE (3)

TITLE (4) TECHNICAL SPECIFICATION VIOLATION DUE TO MISSED LEAK RATE EVALUATION CAUSED BY PROCEDURAL WEAKNESS

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)	
02	27	90	90	004	00	03	29	90	N/A	050000	

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
1		20.402(b)		20.406(c)		50.73(a)(2)(iv)		73.71(b)			
POWER LEVEL (10)	100	20.406(a)(1)(i)		50.38(e)(1)		50.73(a)(2)(v)		73.71(c)			
		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)			
		20.406(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(vii)(A)					
		20.406(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(vii)(B)					
		20.406(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(ix)					

LICENSEE CONTACT FOR THIS LER (12) NAME RICHARD SCHWABENBAUER, REGULATORY COMPLIANCE TECHNICIAN TELEPHONE NUMBER AREA CODE 919 362-2669

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
<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)

The plant was operating in Mode 1, POWER OPERATION, at 100 percent reactor power on February 27, 1990. Technical Specification (TS) 3.4.6.1.b requires the Reactor Cavity Sump Level and Flow Monitoring System (ELIS:BD) be operable. This is implemented via a subroutine on the Emergency Response Facility Information System (ERFIS) (ELIS:ID). TS interpretation 88-5 B.2.1 requires that if ERFIS is not available to provide an alarm based on containment keyway sump level increase then hourly manual logging and leak rate evaluation of the sump level must be completed.

At 0359 hours ERFIS failed thus disabling the Containment Sump Leak Rate Monitor resulting in the required hourly manual logging and evaluation of the sump level. Twice over the course of the next twelve hours the required leak rate evaluation exceeded the required one hour interval.

The cause of the event is attributed to a procedural weakness as the procedure addresses getting the reading every hour but does not emphasize the fact a leak rate evaluation must be completed.

Corrective actions for the event will encompass the revising of the applicable procedure to ensure the leak rate evaluation will be completed within the required one hour time span and training of the applicable personnel on the revised procedural changes.

There were no safety consequences as a result of this event as a review of the sump level logs indicate that no abnormal leakage had occurred and the hourly leak rates were all within acceptable limits.

This event is being reported in accordance with 10CFR50.73 (a) (2) (i) (B) as a Technical Specification violation.

There have been no similar events reported.