

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 4 0 0	PAGE (3) 1 OF 0 13
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TITLE (4) CONTAINMENT LEAK DETECTION RADIATION MONITOR WAS DECLARED INOPERABLE AND THE CONTAINMENT PURGE VALVES WERE NOT CLOSED AS REQUIRED DUE TO PERSONNEL ERROR

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)			
MONTH	DAY	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		MONTH	DAY	YEAR	FACILITY NAMES			DOCKET NUMBER(S)
0 4	2 5	8 8	0 1	0		0 5	2 5	8 8				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 1 0 1 0	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)	X 50.73(a)(2)(ii)	50.73(a)(2)(viii)(A)								
	20.405(a)(1)(iv)	50.73(a)(2)(iii)	50.73(a)(2)(viii)(B)								
	20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME R. SCHWABENBAUER - REGULATORY COMPLIANCE TECHNICIAN		AREA CODE	9 1 1 9 3 1 6 2 - 1 2 6 1 6 1 9

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)		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)

ABSTRACT:

The plant was operating at 100 percent power in Mode 1, Power Operation on April 25, 1988. At 0100 hours Chemistry personnel requested permission to sample the Containment atmosphere, which meant the Containment Leak Detection Radiation Monitor was to be declared inoperable while sampling.

Technical Specifications 3.3.3.1, Table 3.3-6, Action 27 requires the Containment Purge Valves to be closed while the monitor is inoperable.

The monitor was declared inoperable at 0355 hours, the sample taken, and the monitor declared operable at 0445 hours. However, the purge valves were not closed during this time frame as required.

The cause of the event was personnel error due to failure to secure the valves as required.

No safety consequences resulted from this event as the radioactivity readings prior to and following the event were within acceptable limits and the monitor remained capable of automatically isolating the containment.

Corrective actions include revising sampling procedure to notify operator to close purge valves prior to sampling, the personnel involved have been counseled, and active licensed operators will be briefed on this event.

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

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 4 0 0 8 8 - 0 1 0 - 0 0 0 2 OF 0 3	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		

TEXT (If more space is required, use additional NRC Form 365A's) (17)

DESCRIPTION:

The plant was operating at 100 percent power in Mode 1, Power Operation, on April 25, 1988. At 0100 hours Chemistry personnel requested permission to sample the Containment (EIIS:NH) atmosphere, which meant that the Containment Leak Detection Radiation Monitor REM-1LT-3502A-SA (EIIS:IJ) was to be declared inoperable while sampling was taking place. The reason for declaring the monitor inoperable while sampling is a result of a previously reported event, LER-87-067-00. This monitor has a history of generating a spurious isolation signal during sampling. In an attempt to eliminate a spurious isolation signal while sampling and actuating an Engineered Safety Feature (ESF) (EIIS:BD), it had been decided to administratively declare the monitor inoperable while sampling and to close the Containment purge valves (EIIS:BD) to avoid an unnecessary ESF actuation.

Technical Specifications 3.3.3.1, Table 3.3-6, Action 27 requires the Containment purge valves to be closed while the monitor is inoperable.

The monitor was declared inoperable at 0355 hours, the air sample taken, and the monitor returned to operable status at 0445 hours. However, during this time frame of 50 minutes, the purge valves were open and not closed as required by Technical Specifications.

CAUSE:

The cause of the event was personnel error due to failure to secure the purge valves as required.

ANALYSIS:

There were no safety consequences as a result of this event. The monitor indicated 1×10^{-5} uc/ml Gaseous and 5×10^{-14} uc/ml Particulate before and after the event which is within acceptable limits. The monitor was only administratively declared inoperable and was in reality operable during the sampling time frame. Had there been excessive radiation levels inside containment, the monitor would have alarmed and actuated isolating containment as required.

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

There have not been any similar events reported. However, the reason for declaring the monitor inoperable while sampling was a result of LER-87-067-00 corrective action.

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FACILITY NAME (1) SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 4 0 0	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 8	- 0 1 0	- 0 0	0 3	OF 0 3

TEXT (If more space is required, use additional NRC Form 306A's) (17)

CORRECTIVE ACTION/ACTION TO PREVENT RECURRENCE:

1. The sampling procedure will be revised to include notification to operations personnel to close the Containment purge valves when declaring the monitor inoperable.
2. Active licensed operators will be briefed on this event.
3. The personnel involved in this event have been counseled.



Carolina Power & Light Company

HARRIS NUCLEAR PROJECT
P.O. Box 165
New Hill, NC 27562

MAY 25 1988

File Number: SHF/10-13510C
Letter Number: HO-880117 (O)

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 88-010-00

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,

R. A. Watson
Vice President
Harris Nuclear Project

RJS:dj

Enclosure

cc: Dr. J. Nelson Grace (NRC - RII)
Mr. B. Buckley (NRR)
Mr. G. Maxwell (NRC - SHNPP)

MEM/HO-8801170/1/OS1

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