

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8812010218 DOC.DATE: 88/11/28 NOTARIZED: NO DOCKET #
 FACIL:50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
 AUTH.NAME AUTHOR AFFILIATION
 SCHWABENBAUER Carolina Power & Light Co.
 WATSON,R.A. Carolina Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 88-031-00:on 8800614-21 & 0723-26;WRGM inoperable & compensatory actions not taken or documented as being taken.
 W/8 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 4
 TITLE: 50.73 Licensee Event Report (LER); Incident Rpt, etc.

NOTES:Application for permit renewal filed. 05000400

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	ACRS WYLIE	1 1	AEOD/DOA	1 1	
	AEOD/DSP/TPAB	1 1	AEOD/ROAB/DSP	1 1	
	ARM/DCTS/DAB	1 1	DEDRO	1 1	
	NRR/DEST/ADS 7E	1 0	NRR/DEST/CEB 8H	1 1	
	NRR/DEST/ESB 8D	1 1	NRR/DEST/ICSB 7	1 1	
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	NRR/DEST/SGB 8D	1 1	NRR/DLPQ/HFB 10	1 1	
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	NRR/DREP/RAB 10	1 1	NRR/DREP/RPB 10	2 2	
	NRR/DRIS/SIB 9A	1 1	NUDOCS-ABSTRACT	1 1	
	REG FILE 02	1 1	RES/DSIR/EIB	1 1	
	RES/DSR/PRAB	1 1	RGN2 FILE 01	1 1	
EXTERNAL:	EG&G WILLIAMS, S	4 4	FORD BLDG HOY, A	1 1	
	H ST LOBBY WARD	1 1	LPDR	1 1	
	NRC PDR	1 1	NSIC HARRIS, J	1 1	
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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 3
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TITLE (4) WIDE RANGE GAS MONITOR INOPERABLE AND COMPENSATORY ACTIONS NOT TAKEN, OR DOCUMENTED AS BEING TAKEN AS REQUIRED 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		DOCKET NUMBER(S)																			
0	6	1	7	8	8	8	8	8	0	3	1	0	0	1	1	2	8	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) 0 7 5	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)							
	20.405(a)(1)(i)	50.38(c)(1)	50.73(a)(2)(v)	73.71(c)							
	20.405(a)(1)(ii)	50.38(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)							
	20.405(a)(1)(iii)	X 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 R. SCHWABENBAUER - REGULATORY COMPLIANCE TECHNICIAN	TELEPHONE NUMBER AREA CODE 9 1 9 3 6 2 - 2 6 6 9
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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)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15) MONTH DAY YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

ABSTRACT:

The plant was operating at 75 percent reactor power in Mode 1, Power Operation, on October 27, 1988.

Plant Technical Specifications (TS) 3.3.3.6 requires the Waste Processing Building Stack 5 Wide Range Gas Monitor, (WRGM), RM-01WV-3546-1 to be operable in Modes 1-3. If the WRGM is declared inoperable then a preplanned alternate method for monitoring the stack 5 effluent must be implemented within 72 hours.

During an investigation and review of plant records on October 27, 1988, it was discovered that the WRGM was inoperable June 14, 1988 through June 21, 1988, and then again July 23, 1988 through July 26, 1988, without documentation showing alternate methods of monitoring were completed. The plant was operating in Mode 1 at various power levels during these time intervals.

The cause of the event was personnel error. Personnel either failed to install alternate methods of monitoring or failed to properly document the installation per procedure. However, it was the opinion of the personnel involved that the compensatory action was taken but not properly documented.

There were no safety consequences as a result of this event as a review of effluent accountability records did not indicate any abnormal gaseous effluent releases during the time periods.

Corrective actions include: the responsible personnel have been counselled, and appropriate procedure revision will be done to preclude recurrence.

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	LER NUMBER (6)			PAGE (3)	
		YEAR 8 8	SEQUENTIAL NUMBER - 0 3 1	REVISION NUMBER - 0 0	0 2	OF 0 3

TEXT (If more space is required, use additional NRC Form 368A's) (17)

DESCRIPTION:

The plant was operating at 75 percent reactor power in Mode 1, Power Operation, on October 27, 1988.

Plant Technical Specifications (TS) 3.3.3.6 requires the Waste Processing Building (WPB)(EIIS:NE) Stack 5 Wide Range Gas Monitor (WRGM)(EIIS:IL) RM-01WV-3546-1, be operable in Mode 1, Power Operation, Mode 2, Start up, and Mode 3, Hot Standby. If the WRGM is declared inoperable during Modes 1, 2, or 3 then a preplanned alternate method for accident monitoring the stack 5 effluent must be implemented within 72 hours. The plant meets this requirement through the use of a Portable High Range Area Radiation Monitor, EC4-X. Radiation Control (RC) personnel are responsible for installing the EC4-X on stack 5 when the WRGM is inoperable and documenting this per Health Physics Procedure (HPP)-496, Operability/Inoperability of Radiation Monitors. RC personnel are also required to note the date and time that an EC4-X is installed in the RC shift log.

On October 27, 1988, during a Quality Check investigation of a separate issue it was discovered that the WRGM was inoperable June 14, 1988 through June 21, 1988, and that no documentation could be found to verify that alternate forms of monitoring had been done during this time frame. While reviewing records for this event, it was also discovered that the WRGM was inoperable greater than 72 hours from July 23, 1988 through July 26, 1988, and again no documentation could be located to show alternate methods of monitoring Stack 5A had been completed as required. The plant was operating in Mode 1 at various power levels during these time intervals.

CAUSE:

The cause of the event was personnel error. RC personnel either failed to install the EC4-X as required or failed to properly document the installation as per HPP-496 requirements. However, it was the opinion of the personnel involved that the compensatory action was taken but not properly documented. Also, Technical Specifications allow 72 hours to initiate preplanned alternate monitoring methods; however, HPP-496 does not provide a mechanism to alert oncoming shifts that the 72 hour time frame has started for a particular monitor, and does not provide any buffer for this action to be completed.

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	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 8	- 0 3 1	- 0 0	0 3	OF	0 3

TEXT (If more space is required, use additional NRC Form 368A's) (17)

ANALYSIS:

There were no safety consequences as a result of this event. Although, WPB stack 5 was without accident monitoring capabilities twice, June 14, 1988 to June 21, 1988, and July 23, 1988 to July 26, 1988, a review of effluent accountability records did not indicate any abnormal gaseous effluent releases during these time periods. The plant was operating in Mode 1, Power Operation, at various power levels during these time intervals.

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

Previous events reported dealing with radiation monitors and compensatory actions include: LER-88-027-00, LER-88-025-00, LER-88-020-00, LER-88-015-00, LER-88-005-00, LER-87-064-00, LER-87-032-00, LER-87-016-00, LER-87-015-00, LER-86-010-00, LER-86-005-00, and LER-86-001-00.

CORRECTIVE ACTIONS/ACTIONS TO PREVENT RECURRENCE:

1. The Radiation Control Technicians responsible for the Radiation Monitoring System (RMS) have been counselled on the importance of properly implementing and documenting preplanned alternate methods for accident monitoring.
2. HPP-496 will be revised to:
 - a. Require that the date and time that an accident monitor was declared inoperable be recorded in the RMS shift log and on the RMS status board.
 - b. Require the date, time, and instrument serial number (if applicable), be recorded in the RMS shift log and on the RMS status board when preplanned alternate monitoring methods are initiated.
 - c. Require that preplanned alternate monitoring methods be initiated within 48 hours of declaring the monitor inoperable.



Carolina Power & Light Company

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

NOV 28 1988

File Number: SHF/10-13510C
Letter Number: HO-880240 (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 88-031-00

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:acm

Enclosure

cc: Mr. W. H. Bradford (NRC - SHNPP)
Mr. B. Buckley (NRR)
Mr. M. L. Ernst (NRC - RII)

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