

PRIORITY 1

(ACCELERATED RIDS PROCESSING)

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9509050219 DOC.DATE: 95/08/24 NOTARIZED: NO DOCKET #  
FACIL:50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400 P  
AUTH.NAME AUTHOR AFFILIATION  
VERRILLI,M. Carolina Power & Light Co. R  
DONAHUE,J.W. Carolina Power & Light Co. I  
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 95-005-00:on 950731,TS violation was discovered due to  
missed compensatory vent stack flow rate estimate.Counseled  
individual involved.W/950828 ltr. O

DISTRIBUTION CODE: IE22T COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 5 R  
TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc. I

NOTES:Application for permit renewal filed.

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Carolina Power & Light Company  
Harris Nuclear Plant  
PO Box 165  
New Hill NC 27562

AUG 28 1995

Letter Number: HO-950694

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 95-005-00

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.

Sincerely,

J. W. Donahue  
General Manager  
Harris Plant

MV

Enclosure

c: Mr. S. D. Ebner (NRC - RII)  
Mr. N. B. Le (NRC - PM/NRR)  
Mr. S. A. Elrod (NRC - SHNPP)  
Mr. W. R. Robinson

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S PDR

State Road 1134 New Hill NC

JE221

U. S. Nuclear Regulatory Commission  
Page 2

cc: Ms. D. B. Alexander  
Mr. W. R. Campbell (BNP)  
Mr. J. M. Collins  
Mr. J. P. Cowan  
Ms. S. D. Floyd  
Mr. H. W. Habermeyer, Jr.  
Ms. T. A. Head (GLS File)  
Mr. G. D. Hicks  
Mr. M. D. Hill  
Mr. R. M. Krich (RNP)  
Mr. P. M. Odom (RNP)  
Mr. C. W. Martin (BNP)  
Mr. R. D. Martin  
Admiral K. R. McKee  
Mr. J. P. McKone  
Mr. J. W. Moyer (RNP)  
Mr. G. A. Rolfson  
Mr. C. T. Sawyer  
Mr. R. S. Stancil  
Mr. J. P. Thompson (BNP)  
Mr. T. D. Walt  
HNP Real Time Training  
INPO  
NLS File: HI/A-2D (L. M. Randall)

## LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Shearon Harris Nuclear Plant-Unit #1

DOCKET NUMBER (2)  
05000/400PAGE (3)  
1 OF 3

TITLE (4) Technical Specification Violation due to missed compensatory vent stack flow rate estimate.

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 NAME	DOCKET NUMBER
07	31	95	95	-- 005 --	00	8	24	95	FACILITY NAME	DOCKET NUMBER 05000

OPERATING MODE (9)		1		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
POWER LEVEL (10)		100%		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	
				20.405(a)(1)(iii)		X 50.73(a)(2)(i)		50.73(a)(2)(viii)(A)		(Specify in Abstract below and in Text, NRC Form 366A)	
				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  
Michael Verrilli Sr. Analyst - LicensingTELEPHONE NUMBER (Include Area Code)  
(919) 362-2303

## 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)

YES  
(If yes, complete EXPECTED SUBMISSION DATE).

X NO

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On July 31, 1995, preparations were in progress for performing surveillance testing on the Waste Processing Building Stack 5A effluent radiation monitor. During these preparations the Senior Control Operator (SCO) coordinating the test evolution in the main control room, overlooked procedural guidance indicating that the associated vent stack flow rate monitor should be declared inoperable. Due to this, the Stack 5A Flow Rate Monitor was not declared inoperable and the compensatory 4-hour flow rate estimates required by Technical Specification 3.3.3.11 were not performed.

This condition was identified at approximately 1800 that evening, during the shift turnover process in the main control room when the operability status of the stack 5A flow rate monitor was questioned by the on-coming SCO. Flow estimates were commenced immediately upon realizing the problem. This condition was caused by personnel error on the part of the Operations individual coordinating the testing evolution in the main control room. Corrective actions included counseling this individual. Training for appropriate operations personnel will also be performed.

One similar LER (#94-002) was submitted on August 16, 1994.

## LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)		DOCKET NUMBER (2)		LER NUMBER (6)			PAGE (3)
Shearon Harris Nuclear Plant - Unit #1		05000/400		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2 OF 3
				95	005	00	

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

**EVENT DESCRIPTION:**

On July 31, 1995, the plant was operating in Mode-1 at 100% power. At approximately 0730 that morning, preparations were in progress to perform MST-I0413 (Waste Processing Building Vent Stack 5A Flow Rate Monitor and Isokinetic Sampling System Calibration). Maintenance personnel contacted the Senior Control Operator (SCO) in the main control room to inform him that MST-I0413 was to be performed that morning. The SCO was informed that the test would render the stack 5A PIG (Particulate, Iodine, and Gas) and WRGM (Wide Range Gas Monitor) radiation monitors inoperable. The SCO then used Operations Work Procedure (OWP-RM-18) to determine the required compensatory actions. Procedure OWP-RM-18 contains a caution step that states that if both the PIG and WRGM monitors are inoperable, the flow rate monitor must also be declared inoperable. This guidance was overlooked by the SCO coordinating the testing evolution. Prior to beginning the test, at 0920, the Stack 5A PIG and WRGM were declared inoperable and compensatory measures were implemented accordingly. It was not acknowledged at this point that the flow rate monitor should be declared inoperable.

During the shift turnover process that occurred in the main control room at approximately 1800 that evening, the on-coming SCO recognized that if a WRGM and PIG are declared inoperable, the associated stack flow monitor should also be declared inoperable. Questions into the scope of the testing and the operability status of the flow rate monitor revealed that the required flow rate estimates had not been performed, resulting in a violation of TS 3.3.3.11. The SCO immediately initiated the compensatory 4-hour flow estimates.

**CAUSE:**

This condition was caused by personnel error. The caution contained in OWP-RM-18 was overlooked by the SCO coordinating the testing evolution in the main control room during preparations for performing MST-I0413. This resulted in the Stack 5A Flow Rate Monitor not being declared inoperable as required and the subsequent failure to perform 4-hour compensatory flow rate estimates.

**SAFETY SIGNIFICANCE:**

The estimated flow values are used when increased effluent radioactivity levels are indicated by either the 12-hour grab samples or the auxiliary sampler. During the period of time on July 31, 1995, when the estimates were not taken, no abnormal increase in radioactivity levels was indicated. The other function served by the 4-hour flow estimate is to provide a flow rate input for calculating the weekly gaseous effluent dose. During the performance of this calculation, if flow values are not available, the Chemistry Technician uses the weekly flow value provided by the isokinetic skid or a conservative high-flow default value. Therefore, the failure to perform the 4-hour estimates resulted in no safety consequences.

## LICENSEE EVENT REPORT (LER)

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Shearon Harris Nuclear Plant - Unit #1		05000/400		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	3 OF 3
				95	005	00	

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

**PREVIOUS SIMILAR LERs:**

A similar LER (#94-002) was submitted on August 16, 1994. Corrective actions taken for that event included revising procedure OWP-RM-18, to include radiation monitor operability guidance. Had the procedural requirements contained in OWP-RM-18 been followed, the recent event would have been prevented.

**CORRECTIVE ACTIONS COMPLETED:**

1. The involved SCO was counseled on the event.

**CORRECTIVE ACTIONS PLANNED:**

1. Training will be provided to appropriate personnel in the Operations Unit.

**EIIS INFORMATION:**

System Name/Code:      Component Code:  
Radiation Monitoring - IL      Monitor - MON