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REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9307130299      DOC.DATE: 93/07/09      NOTARIZED: NO      DOCKET #  
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina      05000400  
 AUTH.NAME      AUTHOR AFFILIATION  
 ROBINSON, W.R.      Carolina Power & Light Co.  
 RECIPIENT NAME      RECIPIENT AFFILIATION  
                                  Document Control Branch (Document Control Desk)

SUBJECT: <sup>400</sup> Responses to NRC 930610 ltr re violations noted in insp rept  
 50-440793-03.C/As: sys modified to replace current ERFIS  
 switching sys between EOF terminals & ERFIS computers w/more  
 reliable sys from 1996 schedule to 1993.

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 TITLE: General (50 Dkt)-Insp Rept/Notice of Violation Response

NOTES: Application for permit renewal filed. 05000400

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Carolina Power & Light Company

HARRIS NUCLEAR PLANT  
P. O. Box 165  
New Hill, North Carolina 27562

JUL 9 1993

Letter Number: HO-930116

NRC-820

Document Control Desk  
United States Nuclear Regulatory Commission  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400  
LICENSE NO. NPF-63  
REPLY TO A NOTICE OF VIOLATION

Gentlemen:

In reference to your letter of June 10, 1993, referring to a notice of violation issued February 25, 1993 in NRC Inspection Report 50-400/93-03 and Carolina Power and Light Company's subsequent response of March 26, 1993, Carolina Power and Light Company hereby submits additional information as requested.

If you have any questions concerning this information, please contact Mr. David C. McCarthy at (919) 362-2100.

Very truly yours,

W. R. Robinson  
General Manager  
Harris Nuclear Plant

MGW:dmw

Attachment

cc: Mr. S. D. Ebnetter (NRC-RII)  
Mr. N. B. Le (NRC-NRR)  
Mr. J. E. Tedrow (NRC-SHNPP)

MEM/HO-930116/1/OS1

9307130299 930709  
PDR ADOCK 05000400  
Q PDR

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REPLY TO A NOTICE OF VIOLATION  
NRC INSPECTION REPORT NO. 50-400/93-03

Reported Violation:

10 CFR 50.54(q) states that a licensee authorized to possess and operate a nuclear power reactor shall follow and maintain in effect an emergency plan which meets the standards in 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR Part 50. 10 CFR 50.47(b)(8) requires that adequate emergency facilities and equipment to support the emergency response are provided and maintained.

Section 3.1 of the Shearon Harris Emergency Plan, which implements 10 CFR 50.47(b)(8), states that adequate emergency facilities, communication, and equipment to support emergency response are provided and maintained.

Section 3.5.3.b of the Shearon Harris Emergency Plan identifies ERFIS consoles, capable of displaying plant data, Safety Parameter Display System (SPDS), and Radiation Monitoring System (RMS), as Emergency Operations Facility (EOF) equipment to be maintained.

Contrary to the above, when an operational demonstration was requested by the inspector, EOF ERFIS terminals 1, 2, and 3 did not operate.

Corrective Steps Taken and Results Achieved:

The maintenance work request to repair the faulty switch panel which was the component that prevented the EOF ERFIS terminals from operating at the time of the inspection was completed on February 6, 1993.

Corrective Steps Taken to Avoid Further Violations:

A modification to replace the current ERFIS switching system between the EOF terminals and the ERFIS computers with a more reliable system has been accelerated from a 1996 schedule to 1993. Until this modification is completed, the EOF ERFIS terminals are being checked each work day to verify proper operation.

Improvements in the productivity of the ERFIS computer maintenance staff and overall system reliability through hardware upgrades (i.e. reduced instruction set computer (RISC) processors and new disc drives) has contributed to a reduction in the number of outstanding ERFIS related work requests. In addition, management has emphasized to the computer maintenance staff the importance of maintaining reliable service to the EOF ERFIS terminals.

Date When Full Compliance Will Be Achieved:

Replacement of the ERFIS switching system between the EOF terminals and ERFIS computers as described above is scheduled for completion by December 31, 1993.

