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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400  
 AUTH. NAME AUTHOR AFFILIATION  
 CUTTER, A. B. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards Amend 33 to FSAR for Shearon Harris Nuclear Power Plant Unit 1. Amend submitted in response to SSER 3, Section 3.10.1 (NUREG-1038) re operability qualifications of mechanical equipment.

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Carolina Power & Light Company

SEP 3 1986

NLS-86-235

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NO. 1 - DOCKET NO. 50-400  
FSAR AMENDMENT NO. 33

REFERENCE: Letter dated June 12, 1986 (NLS-86-220) from  
Mr. S. R. Zimmerman (CP&L) to Mr. H. R. Denton (NRC)

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits Amendment No. 33 of the Shearon Harris Nuclear Power Plant (SHNPP) Final Safety Analysis Report (FSAR). This amendment formally incorporates revisions to FSAR Table 3.9.3-13, NSSS Supplied Active Class 1, 2, and 3 Valves and FSAR Table 3.9.3-14, Non-NSSS Supplied Class 1, 2, and 3 Active Valves. This information is being submitted in response to the staff's information request in Safety Evaluation Report, NUREG-1038, Supplement No. 3, Section 3.10.1, *Operability Qualifications of Mechanical Equipment* as part of the pump and valve operability review.

These revisions were previously submitted in draft form via the referenced letter. However, minor changes were made in order to produce a final version for incorporation into the FSAR. These changes are as follows: valves 2RH-V507SA1 and 2RH-V506SB (page 3.9.3-29) are deleted to eliminate redundancy. These valves are listed on page 3.9.3-27. The functions of valves 2BD-P85B-1 and 2BD-V85B-1 (pages 3.9.3-40 and 41) are revised to reflect that they are isolation valves but do not fit containment isolation criteria. Valves 3SW-B1SA, 3SW-B2SA, 3SW-B3SA, and 3SW-B4SA (Pages 3.9.3-48 and 49) are deleted to reflect design changes to the Emergency Service Water Intake Structure. The name of the manufacturer of valve 2FP-B1SA (page 3.9.3-55) is revised to correct a typographical error. The functions of valves 2CB-V1SA and 2CB-V2SA (page 3.9.3-59g) are revised to reflect their dual function as containment isolation valves.

Each page bears the amendment number and technical changes are indicated by vertical bars in the margin. Instructions for entering the revised pages are included.

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411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

If you have any questions regarding this amendment, please contact Pedro Salas at (919) 836-8015.

Yours very truly,



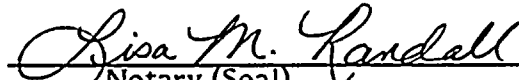
A. B. Cutter - Vice President  
Nuclear Engineering & Licensing

ABC/GB/vaw (3987JDK)

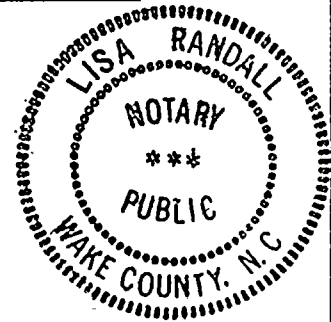
Attachment

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

A. B. Cutter, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, contractors, and agents of Carolina Power & Light Company.

  
Notary (Seal)

My commission expires: 5-18-88





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Carolina Power & Light Company

SEP 3 1986

NLS-86-235

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NO. 1 - DOCKET NO. 50-400  
FSAR AMENDMENT NO. 33

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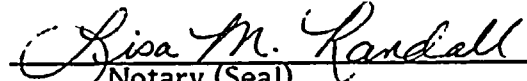
  
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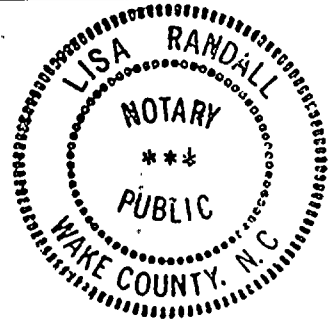
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Notary (Seal)

My commission expires: 5-18-88



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