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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina DOCKET # 05000400  
 50-401 Shearon Harris Nuclear Power Plant, Unit 2, Carolina DOCKET # 05000401

AUTH. NAME AUTHOR AFFILIATION  
 MCDUFFIE, M.A. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards Amend. 9 to FSAR.

*Revised by P.S. 8/29/83*

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	NRR LB3 LA	1 0	BUCKLEY, B 01	1 1
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	IE/DEQA/QAB 21	1 1	NRR/DE/AEAB	1 0
	NRR/DE/CEB 11	1 1	NRR/DE/EHEB	1 1
	NRR/DE/EOB 13	2 2	NRR/DE/GB 28	2 2
	NRR/DE/MEB 18	1 1	NRR/DE/MTEB 17	1 1
	NRR/DE/SAB 24	1 1	NRR/DE/SGEB 25	1 1
	NRR/DHFS/HFEB40	1 1	NRR/DHFS/LQB 32	1 1
	NRR/DHFS/PSRB	1 1	NRR/DL/SSPB	1 0
	NRR/DSI/AEB 26	1 1	NRR/DSI/ASB	1 1
	NRR/DSI/CPB 10	1 1	NRR/DSI/CSB 09	1 1
	NRR/DSI/ICSB 16	1 1	NRR/DSI/METB 12	1 1
	NRR/DSI/PSB 19	1 1	NRR/DSI/RAB 22	1 1
	NRR/DSI/RSB 23	1 1	<u>REG FILE</u> 04	1 1
	RGN2	3 3	RM/DOAMI/MIB	1 0
EXTERNAL:	ACRS 41	6 6	BNL (AMDTs ONLY)	1 1
	DMB/DSS (AMDTs)	1 1	FEMA-REP DIV 39	1 1
	LPDR 03	1 1	NRC PDR 02	1 1
	NSIC 05	1 1	NTIS	1 1

THE UNITED STATES OF AMERICA  
 DEPARTMENT OF THE ARMY  
 OFFICE OF THE CHIEF OF STAFF  
 WASHINGTON, D. C. 20315

REPORT OF THE CHIEF OF STAFF  
 ON THE PROGRESS OF THE ARMY  
 DURING THE YEAR 1964

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Category	Item	Value	Unit	Notes
Personnel	Active Personnel	1,000,000	Personnel	
	Reserve Personnel	500,000	Personnel	
	Contract Personnel	100,000	Personnel	
	Medical Personnel	50,000	Personnel	
	Engineering Personnel	30,000	Personnel	
	Administrative Personnel	20,000	Personnel	
	Logistics Personnel	15,000	Personnel	
	Communications Personnel	10,000	Personnel	
	Intelligence Personnel	8,000	Personnel	
	Other Personnel	5,000	Personnel	
Equipment	Infantry Equipment	200,000	Equipment	
	Armor Equipment	150,000	Equipment	
	Artillery Equipment	100,000	Equipment	
	Aviation Equipment	80,000	Equipment	
	Engineer Equipment	60,000	Equipment	
	Signal Equipment	40,000	Equipment	
	Transportation Equipment	30,000	Equipment	
	Construction Equipment	20,000	Equipment	
	Medical Equipment	15,000	Equipment	
	Other Equipment	10,000	Equipment	
Budget	Operating Budget	\$1,500,000,000	Dollars	
	Procurement Budget	\$500,000,000	Dollars	
	Research and Development Budget	\$200,000,000	Dollars	
	Construction Budget	\$100,000,000	Dollars	
	Medical Budget	\$50,000,000	Dollars	
	Engineering Budget	\$30,000,000	Dollars	
	Administrative Budget	\$20,000,000	Dollars	
	Logistics Budget	\$15,000,000	Dollars	
	Communications Budget	\$10,000,000	Dollars	
	Other Budget	\$5,000,000	Dollars	



SERIAL: LAP-83-239

Carolina Power & Light Company

AUG 18 1983

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

SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NOS. 1 AND 2  
DOCKET NOS. 50-400 AND 50-401  
FINAL SAFETY ANALYSIS REPORT AMENDMENT 9

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby transmits three (3) originals and sixty (60) copies of Amendment 9 to the Shearon Harris Nuclear Power Plant (SHNPP) Final Safety Analysis Report (FSAR). This information is being submitted in response to discussions held at the Instrumentation and Control Systems Branch (ICSB) meetings of August 16-19, 1982 and September 14-16, 1982 and the Mechanical Engineering Branch (MEB) meeting of February 1-3, 1983. Commitments from the ICSB and MEB meetings are documented in CP&L letters dated September 30, 1982 and March 16, 1983.

In order to facilitate NRC staff review of this Amendment, a table is provided as Attachment 1. This table lists the Safety Review Question (SRQ) number (where applicable), the CP&L Draft Safety Evaluation Report (DSER) Open Item number (where applicable), and the FSAR Sections amended. Except for corrections of minor typographical errors, this table contains all changes made in this Amendment.

Additionally, Sections 2.5E and 2.5F of the FSAR have been replaced by the permanently bound final reports entitled "Final Geologic Report on Foundation Conditions - Power Plant, Dams, and Related Structures" and "Final Embankment Report - Main Dam, Auxiliary Dam, and Auxiliary Separating Dike," and this is reflected in the Amendment instruction sheets. These final reports are being sent to you under separate cover.

Each revised page bears the amendment number. Only those changes which are technical in nature are indicated by vertical bars. Instructions for entering the revised pages are included.

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PDR ADOCK 05000400  
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The main body of the document contains several paragraphs of text that are extremely faint and illegible. The text appears to be a formal report or a letter, but the specific content cannot be discerned. There are some faint words and phrases scattered throughout, but they do not form a readable narrative.

As required by Commission Regulations, this Amendment is signed under oath by a duly authorized officer of CP&L. If you have any questions concerning this Amendment, please contact our staff.

Yours very truly,




M. A. McDuffie  
Senior Vice President  
Engineering & Construction

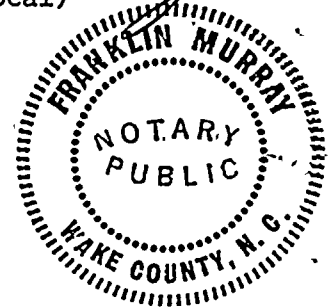
JHE/cfr (7092JHE)

- |                                 |                            |
|---------------------------------|----------------------------|
| cc: Mr. E. A. Licitra (NRC)     | Mr. Wells Eddleman         |
| Mr. H. C. Li (NRC)              | Dr. Phyllis Lotchin        |
| Mr. G. F. Maxwell (NRC-SHNPP)   | Mr. John D. Runkle         |
| Mr. J. P. O'Reilly (NRC-RII)    | Dr. Richard D. Wilson      |
| Mr. David Terao (NRC)           | Mr. G. O. Bright (ASLB)    |
| Mr. Travis Payne (KUDZU)        | Dr. J. H. Carpenter (ASLB) |
| Mr. Daniel F. Read (CHANGE/ELP) | Mr. J. L. Kelley (ASLB)    |
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M. A. McDuffie, 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 that the sources of his information are officers, employees and agents of Carolina Power & Light Company.

  
Notary (Seal)

My Commission Expires: OCT 04 1986



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ATTACHMENT 1

INDEX OF DRAFT SAFETY EVALUATION REPORT (DSER) OPEN ITEM  
RESPONSES, ASSOCIATED FINAL SAFETY ANALYSIS REPORT (FSAR),  
SAFETY REVIEW QUESTIONS (SRQ), AND FSAR LOCATIONS

Mechanical Engineering Branch Items

<u>Open Item No.</u>	<u>FSAR SRQ No.</u>	<u>FSAR Sections Amended</u>
243	210.01	Table 3.2.1-1, Notes to Table 3.2.1-1
244	210.02	Table 3.2.1-1
248	210.06	3.6.1.3
250	210.08	3.6.2.1.1.2
251	210.09	3.6.2.1.1.3
252	210.10	3.6.2.1.4, 6.6.8, Figure 3.6.2-1
253	210.11	3.6.2.1.4, 6.6.8, Figure 3.6.2-1
254	210.12	3.6.2.2.1, Figures 3.6A-1 thru -27
257	210.15	3.6.2.3.4.2
261	210.19	Table 3.6.2-2
262	210.20	Tables 3.6A-15, 3.6A-16, 3.6A-17.1, 3.6A-17.2, 3.6A-17.3, and 3.6A-18, Figure 3.6A-1
265	210.23	3.7.3.1.1
267	210.25	3.7.3.8.1, Figure 3.7.3-1
270	210.28	Tables 3.9.1-2 and 3.9.1-3
271	210.29	3.9.1.2.2
272	210.30	3.9.1.2.2
273	210.31	3.9.1.4.7
274	210.32	3.9.2.1.1, 3.9.2.1.3, 14.2.12.1.12
275	210.33	3.7.3.1.1, 3.7.3.9.1, 3.7.3.9.2
276	210.34	1.8





<u>Open Item No.</u>	<u>FSAR SRQ No.</u>	<u>FSAR Sections Amended</u>
277	210.35	3.9.3.1, Table 3.9.3-7
280	210.38	Tables 3.9.3-10 and 3.9.3-11
281	210.39	Appendix 3.9A
284	210.42	Table 3.9.3-1
286	210.44	3.9.6.2
343	210.46	Table 3.9.3-7

Instrumentation and Control System Branch Items

<u>Open Item No.</u>	<u>FSAR SRQ No.</u>	<u>FSAR Sections Amended</u>
79	- - -	7.2.1.1.2 (e)
88	- - -	8.3.1.1.2.4
91	- - -	7.3.2.1, Section 7.3 References
- - -	ICSB-2	TMI II.F.1
95	ICSB-2 (a)	TMI II.D.3
92	ICSB-2(b) ICSB-23	7.3.1.3.3, 10.4.9 Tables 7.1.1-1, 7.4.1-2, and 10.4.9-2, Figures 7.3.1-9; 7.3.1-9a, 7.3.1-9b, and 7.3.1-10
101	ICSB-6	7.7.1.11
- - -	ICSB-11	Table 3.2.1-1, Notes to Table 3.2.1-1
- - -	ICSB-12	Figures 7.2.1-1 and 7.3.1-1
- - -	ICSB-13	7.2.1.1.2 (d)
- - -	ICSB-14	Figure 7.2.1-1 sh 2
- - -	ICSB-15	Figure 7.2.1-1 sh 8
- - -	ICSB-16	7.3.1.3.2, 7.3.1.5.7
82	ICSB-17	7.3.1.3.2, Figure 7.2.1-1 sh 8
- - -	ICSB-18	7.4.1.11, Figure 7.4.1-8

<u>Open Item No.</u>	<u>FSAR SRQ No.</u>	<u>FSAR Sections Amended</u>
-- --	ICSB-19	7.2.1.1.2 (f), Table 7.3.1-4, Figure 7.3.1-1 sh 5, 6
-- --	ICSB-19(d)	8.3.1.2.30
-- --	ICSB-20	7.3.2.3
78	ICSB-21	7.2.1.1.2 (f), Figure 7.3.1-1 sh 7
77	ICSB-22	14.2.12.1.10
-- --	ICSB-24	7.3.1.3.3, 7.4.1.3, 7.5.1.3.5 Tables 7.4.1-1 and 7.5.1-2
-- --	ICSB-27	Figure 7.3.1-17
85	ICSB-30	6.5.2.2, 6.5.2.5, Table 7.5.1-1 6.2.2.2.2.2, 6.2.2.3.2
-- --	ICSB-46	7.5.1.9
-- --	ICSB-47	8.3.1.2.30
-- --	ICSB-48	5.4.7.1
97	ICSB-49	6.3.5.5.1, 6.3.2.2.9.6
80	ICSB-57	7.3.1.2, 7.3.1.3.2, 7.3.1.3.4, 7.3.1.5.7, Table 7.3.1-3