

Revised 8/27/77 9851

NRC FORM 195 (2-76)		U.S. NUCLEAR REGULATORY COMMISSION		DOCKET NUMBER 50-400-403	
NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL					
TO: Mr. Edson G. Case		FROM: Carolina Power & Light Company Raleigh, North Carolina M. A. McDuffie		DATE OF DOCUMENT 8/4/77	
DATE RECEIVED 8/8/77		NUMBER OF COPIES RECEIVED 1519 NED 36 CC			
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DESCRIPTION Notorized 8/4/77...trans the following; <div style="text-align: right;">(1-P)</div>			ENCLOSURE Amend #64 to the Environmental Report..... Consisting of revised and additional pages with attached Certificate of Service..... <div style="text-align: center;"> <p>ACKNOWLEDGED</p> <p>DO NOT REMOVE</p> </div> <div style="text-align: center;">(2")</div>		
PLANT NAME: Shearon Harris 1-2-3-4 RJL 8/8/77 Note: NO ORIG. Rec'd 36 cys ENCL Rec'd					
SAFETY		FOR ACTION/INFORMATION		ENVIRONMENTAL	
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		B. HARLESS			
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HANAUER		KNIGHT		F. ROSA	
MTPC		BOSNAK			
CASE		SIHWELL		OPERATING REACTORS	
BOYD		PAWLICKI		STELLO	
				EISENHUT	
PROJECT MANAGEMENT		REACTOR SAFETY		SHAO	
SKOVHOLT		ROSS		BAER	
P. COLLINS		NOVAK		BUTLER	
HOUSTON		ROSZTOCZY		GRIMES	
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HELTEMES				<input checked="" type="checkbox"/> STEPP - LTR	
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		SALTZMAN			
		RUTBERG			
EXTERNAL DISTRIBUTION					
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Carolina Power & Light Company

August 4, 1977

Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Regulatory

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8/8/77
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RE: SHEARON HARRIS NUCLEAR POWER PLANT, UNITS 1, 2, 3, AND 4
DOCKET NOS. 50-400, 50-401, 50-402, AND 50-403
AMENDMENT NO. 64

Dear Mr. Case:

Carolina Power & Light Company herewith transmits three (3) originals and forty-one (41) copies of Amendment No. 64 to its License Application for the Shearon Harris Nuclear Power Plant Units 1, 2, 3, and 4. This Environmental Report Amendment provides current information on the Company's specific power needs, as well as updated information in various administrative and engineering areas.

Amendment No. 64 is submitted in the form of page changes to the Environmental Report, and instructions are included for inserting the Amendment pages.

Copies of this Amendment have been served on Mr. Vassar P. Shearon, Chairman, Board of County Commissioners of Wake County, North Carolina, and Mr. Ben Wimberly, Chairman, Board of County Commissioners of Chatham County, North Carolina, and parties to the proceeding. The original and thirty (30) copies of the Certificate of Service are enclosed.

As required by Commission Regulations, this Amendment is signed under oath by a duly authorized officer of the Company.

Yours very truly,

M. A. McDuffie

M. A. McDuffie
Senior Vice President
Engineering & Construction

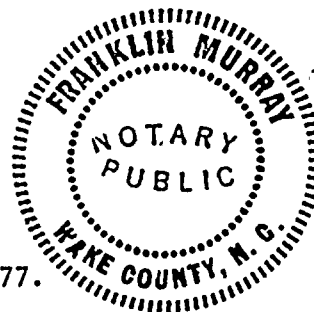
MAM/gsm
Enclosures

ATTEST:

J. L. Lancaster, Jr.

J. L. Lancaster, Jr.
Secretary

Sworn to and subscribed before me this 4th day of August, 1977.



Franklin Murray
Notary Public

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

My Commission Expires October 4, 1981

772200230



[The body of the document contains extremely faint, illegible text, likely bleed-through from the reverse side. The text is organized into several paragraphs, with some lines appearing as distinct clusters of characters. The overall layout suggests a formal document or report.]

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
)	
CAROLINA POWER & LIGHT COMPANY)	Docket Nos. 50-400
)	50-401
(Shearon Harris Nuclear Power Plant)	50-402
)	50-403
Units 1, 2, 3, and 4)		

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 64 to the License Application of Carolina Power & Light Company for construction permits for its Shearon Harris Nuclear Power Plant Units 1, 2, 3, and 4 has this 4th day of August, 1977 been served upon the Chief Executive Officers of Wake and Chatham Counties, North Carolina, by deposit of the same in the United States mail addressed as follows:

Mr. Vassar P. Shearon, Chairman
Board of County Commissioners of Wake County
P.O. Box 550
Raleigh, North Carolina 27602

Mr. Ben Wimberly, Chairman
Board of County Commissioners of Chatham County
Post Office Box 111
Pittsboro, North Carolina 27312

The number of copies in parentheses of Amendment 64 have also been served this day upon each member of the Atomic Safety and Licensing Board, other appropriate NRC personnel, parties to the proceedings, and interested persons and agencies by deposit of the same in the United States mail addressed as follows:

Ivan W. Smith, Esq. (1)
Atomic Safety and Licensing Board Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. Glenn O. Bright (1)
Atomic Safety and Licensing Board Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Doe, and John Doe. The addresses are: 123 Main St, 456 Main St, and 789 Main St.

2. The second part of the document is a list of names and addresses. The names are: John Doe, Jane Doe, and John Doe. The addresses are: 123 Main St, 456 Main St, and 789 Main St.

3. The third part of the document is a list of names and addresses. The names are: John Doe, Jane Doe, and John Doe. The addresses are: 123 Main St, 456 Main St, and 789 Main St.

4. The fourth part of the document is a list of names and addresses. The names are: John Doe, Jane Doe, and John Doe. The addresses are: 123 Main St, 456 Main St, and 789 Main St.

5. The fifth part of the document is a list of names and addresses. The names are: John Doe, Jane Doe, and John Doe. The addresses are: 123 Main St, 456 Main St, and 789 Main St.

6. The sixth part of the document is a list of names and addresses. The names are: John Doe, Jane Doe, and John Doe. The addresses are: 123 Main St, 456 Main St, and 789 Main St.

Dr. J. V. Leeds (1)
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Houston, Texas 77001

Mr. Nathaniel H. Hoodrich, Chairman (1)
Atomic Safety and Licensing Board Panel
U. S. Nuclear Regulatory Commission
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Secretary (1)
U. S. Nuclear Regulatory Commission
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Mr. Dave Hopkins (1)
Environmental Protection Agency
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The map shows the northern Adriatic coastline from Trieste in the northwest to Ancona in the southeast. Sampling stations are numbered 1 through 12. Station 1 is near Trieste, station 2 is further east, and stations 3 through 12 are distributed along the coast. The map includes latitude lines (45° 30' N, 45° 00' N, 44° 30' N) and longitude lines (13° 30' E, 14° 00' E, 14° 30' E). A scale bar at the bottom indicates 100 km.

Age Group	1970	1980	1990	2000	2010	2020
0-14	25	22	20	18	15	10
15-24	15	16	17	18	19	20
25-34	10	11	12	13	14	15
35-44	10	11	12	13	14	15
45-54	10	11	12	13	14	15
55-64	10	11	12	13	14	15
65+	10	11	12	13	14	15

(The following information was obtained from the records of the Department of Health, Education and Welfare, Washington, D.C.)

[illegible]

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Bureau of Sport Fisheries & Wildlife
U. S. Department of Interior
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Richard E. Jones

Associate General Counsel
Carolina Power & Light Company

Business Address: 336 Fayetteville Street
Raleigh, N. C. 27602

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Dated: August 4, 1977

CAROLINA POWER & LIGHT COMPANY

SHEARON HARRIS NUCLEAR POWER PLANT - UNITS 1, 2, 3, AND 4

DOCKET NOS. 50-400, 50-401, 50-402, AND 50-403

AMENDMENT NO. 64

INSTRUCTION SHEET

This Amendment contains updated information on the Company's specific power needs, as well as updated information in various administrative and engineering areas, and responses to Mr. W. H. Regan, Jr.'s letter of July 13, 1977. This information is submitted in the form of page changes to the Environmental Report, with each revised page bearing the notation "Amendment No. 64" at the bottom of the page. Vertical bars have been used in the margins of the revised pages to indicate the location of the revisions on the page.

After all the revised material has been added to the Environmental Report, place the Amendment No. 64 transmittal letter with Certification and Instruction sheet at the back of the contents of the Environmental Report, followed by the Response to Mr. W. H. Regan's letter of July 13, 1977.

The following page removals and insertions should be made to incorporate Amendment No. 64 into the Environmental Report.

REMOVE
(Existing Pages)

INSERT
(Amendment No. 64 Pages)

TABLE OF CONTENTS

i ✓
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LIST OF FIGURES

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REMOVE
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SECTION 2

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(Amendment No. 64 Pages)

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8.7-4b ✓
8.7-5 ✓
8.8-1 ✓

FIGURES

Fig. 2.3-2 ✓
Fig. 2.3-3 ✓
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Fig. 2.3-6 ✓
Fig. 2.3-7 ✓
Fig. 2.3-8 ✓

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FIGURES

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Fig. 3.11-8 ✓
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Fig. 8.7-3 ✓

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Fig. 3.11-8 ✓
Fig. 3.11-9 ✓
Fig. 3.11-10 ✓
Fig. 3.11-11 ✓

Fig. 8.7-1 ✓
Fig. 8.7-2 ✓
Fig. 8.7-3 ✓

Amendment 64 Cover Letter and Certificate of Service

Response to Mr. W. H. Regan, Jr.'s letter of July 13, 1977.

