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TO: Mr. Edson G. Case

FROM: CP&L  
Raleigh, N.C. 27602  
M. A. McDuffie

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NUMBER OF COPIES RECEIVED

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## DESCRIPTION

Ltr. Notorized 09/08/77...Trans  
The Following:

ACKNOWLEDGED

1p

## ENCLOSURE

Amend No. 69 to the License Appl  
consisting of updated information in various  
administrative and engineering areas with revised  
and additional pages to the Environmental Report  
...w/att Cert. of Svc.....REV 10-1-77  
W

15p

PLANT NAME: SHEARON HARRIS UNITS 1, 2, 3, & 4  
jcm 09/13/77

4/10/75 rec'd

## SAFETY

## FOR ACTION/INFORMATION

## ENVIRONMENTAL

☒ ASSIGNED AD: LTR  
☒ BRANCH CHIEF: VASSALLO  
☒ PROJECT MANAGER: PARR  
☒ LICENSING ASSESTANT: R. Rushbrook☒ ASSIGNED AD: V. MOORE (LTR)  
☒ BRANCH CHIEF: R. Regan  
☒ PROJECT MANAGER: E. Echols  
☒ LICENSING ASSISTANT: Kreutzger

B. HARLESS

## INTERNAL DISTRIBUTION

REG FILES	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
NRG-PDR	R. MATTSO	TEDESCO	ENVIRON ANALYSIS
T & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
OELDE		LAINAS	CRUTCHFIELD
GOSSICK & STAFF LTR.	ENGINEERING	IPPOLITO	
HANAUER	KNIGHT	F. ROSA	ENVIRO TECH.
MIPC	BOSNAK		ERNST
CASE	SIHWELL	OPERATING REACTORS	BALLARD
BOYD	PAWLICKI	STELLO	YOUNGBLOOD
		EISENHUT	
PROJECT MANAGEMENT	REACTOR SAFETY	SHAO	
SKOVHOLT	ROSS	BAER	SITE TECH.
P. COLLINS	NOVAK	BUTLER	GAMMILL (2)
HOUSTON	ROSZTOCZY	GRIMES	
MELTZ	CHECK		SITE ANALYSIS
HELTEMES			VOLLMER
SK	AT&I	STPPP LTR.	BUNCH
	SALTZMAN	HULMAN LTR.	J. COLLINS
	RUTBERG		KREGER

## EXTERNAL DISTRIBUTION

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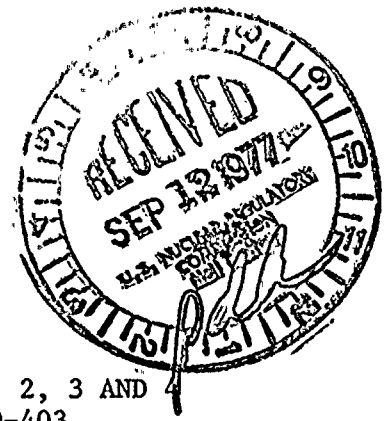
NSIC

772550048





Carolina Power & Light Company  
September 8, 1977



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

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. 69

Dear Mr. Case:

## REGULATORY DOCKET FILE COPY

Carolina Power & Light Company herewith transmits three (3) originals and forty-one (41) copies of Amendment No. 69 to its License Application for the Shearon Harris Nuclear Power Plant Units 1, 2, 3, and 4. This Environmental Report Amendment provides updated information in various administrative and engineering areas.

Amendment No. 69 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,

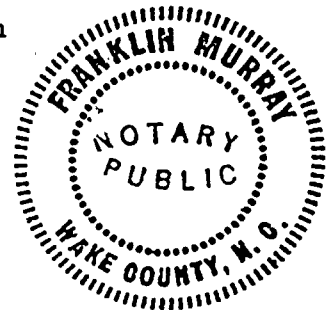
M. A. McDuffie  
Senior Vice President  
Engineering & Construction

MAM/gsm  
Enclosures

ATTEST:

J. L. Lancaster, Jr.  
Secretary

Sworn to and subscribed before me this 8th day of September, 1977.

  
Notary Public

My Commission Expires: October 4, 1981.

772550048

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. 69 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 8th day of September, 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 69 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



Dr. J. V. Leeds (1)  
10807 Atwells  
Houston, Texas 77001

Mr. Nathaniel H. Goodrich, Chairman (1)  
Atomic Safety and Licensing Board Panel  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Secretary (1)  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555  
Attention: Chief, Public Proceeding Staff

Mr. Thomas S. Erwin (1)  
Post Office Box 928  
115 West Morgan Street  
Raleigh, North Carolina 27602

Mr. C. A. Barth (1)  
Regulatory Staff Counsel  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Jesse C. Brake, Esq. (1)  
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Post Office Box 629  
Raleigh, North Carolina 27602

Environmental Protection Agency (1)  
EIS Branch  
345 Courtland Street, NE  
Atlanta, Georgia 30308

Dr. Sidney R. Galler (6)  
Deputy Assistant Secretary for  
Environmental Affairs  
U. S. Department of Commerce  
14th & Constitution, N. W., Rm 3425  
Washington, D. C. 20230

Mr. Bruce Blanchard, Director (18)  
Office of Environmental Projects  
Review, Room 4239  
U. S. Department of Interior  
18th & C Streets, N.W.  
Washington, D. C. 20240

Chief (transmittal letter only)  
Division of Ecological Services  
Bureau of Sport Fisheries & Wildlife  
U. S. Department of Interior  
18th & C Streets, N. W.  
Washington, D. C. 20240

Mr. Charles Custard, Director (2)  
U. S. Department of Health, Education  
and Welfare, Room 524F2  
200 Independence Avenue, S.W.  
Washington, D. C. 20201

Environmental Evaluation Branch (WH-548) (1)  
Office of Water and Hazardous Materials  
Environmental Protection Agency  
Waterside Mall, Rm. 2818  
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Washington, D.C. 20460

Chief, Energy Systems Analyses Branch (AW-459)  
Office of Radiation Programs (1)  
Environmental Protection Agency  
Waterside Mall, Rm. 645 E. Tower  
401 M Street, S.W.  
Washington, D. C. 20460

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Department of Housing and Urban  
Development  
1371 Peachtree Street, N.E.  
Atlanta, Georgia 30309

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Corps of Engineers  
P. O. Box 1890  
Wilmington, North Carolina 28401

Mr. Robert Ochinerro, Director (1)  
National Oceanographic Data Center  
Environmental Data Service  
National Oceanic and Atmospheric  
Administration  
U. S. Department of Commerce  
Washington, D. C. 20235

Mr. Whitman Ridgeway, Chief (1)  
Bureau of Power  
Federal Power Commission, Rm. 5100  
825 North Capitol Street, N.E.  
Washington, D.C. 20426

Dr. Carl N. Schuster, Jr. (2)  
Federal Power Commission, Rm. 4016  
825 North Capitol Street, N.E.  
Washington, D. C. 20426

cc of transmittal letter to:  
Captain William R. Riedel (4)  
Water Resources Coordinator  
W/S 73 U.S.C.G., Room 7306  
U. S. Department of Transportation  
400 7th Street, S.W.  
Washington, D. C. 20590

Mr. Robert Garvey, Executive (1)  
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Advisory Council on Historic  
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Director (transmittal letter only)  
Division of Archives and History  
Department of Cultural Resources  
109 East Jones Street  
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Atomic Industrial Forum (1)  
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Washington, D. C. 20006

Triangle J Council of Governments (1)  
P. O. Box 12276  
Research Triangle Park  
Durham, North Carolina 27709





Mr. Richard H. Broun (transmittal  
letter only)  
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Mr. Joseph Canny (transmittal letter)  
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U. S. Department of Transportation  
400 7th Street, S.W., Room 9422  
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345 Courtland Street  
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Upton, L.I., New York 11973

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Secretarial Representative (1)  
U. S. Department of Transportation  
Suite 515  
1720 Peachtree Road, N.W.  
Atlanta, Georgia 30309



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Richard E. Jones

Associate General Counsel  
Carolina Power & Light Company

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

Business Telephone: Area Code 919  
836-6517

Dated: September 8, 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. 69

INSTRUCTION SHEET

This Amendment contains updated information in various administrative and engineering areas. This information is submitted in the form of page changes to the Environmental Report, with each revised page bearing the notation "Amendment No. 69" 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 of the page.

After all the revised material has been added to the Environmental Report, place the Amendment No. 69 transmittal letter with Certification and Instruction sheet at the back of the contents of the Environmental Report.

The following page removals and insertions should be made to incorporate Amendment No. 69 into the Environmental Report.

REMOVE  
(Existing Pages)

INSERT  
(Amendment No. 69 Pages)

Section 1

1.1-2

1.1-2

Section 2

2.1-1

2.1-1

Section 3

3.2-4a

3.2-4a

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3.2-4b

3.3-2

3.3-2

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3.3-2a

3.4-2

3.4-2

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3.4-2a

Responses to AEC Questions

E.3-1

E.3-1

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E.3-2

