

March 2, 1989

Docket No. 50-400

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Mr. E. E. Utley  
Senior Executive Vice President  
Power Supply and Engineering & Construction  
Carolina Power & Light Company  
Post Office Box 1551  
Raleigh, North Carolina 27602

Dear Mr. Utley:

SUBJECT: ISSUANCE OF AMENDMENT NO. 9 TO FACILITY OPERATING LICENSE  
NO. NPF-63 - SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1,  
REGARDING QUALIFICATION REQUIREMENTS FOR MANAGER OPERATIONS  
(TAC NO. 67033)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 9 to Facility Operating License No. NPF-63 for the Shearon Harris Nuclear Power Plant, Unit 1. This amendment consists of changes to the Technical Specifications (TS) in response to your request dated January 4, 1988, as supplemented December 29, 1988 and January 16, 1989.

The amendment revises TS 6.2.2.e that currently requires the Manager-Operations hold a Senior Reactor Operator (SRO) license. The proposed TS revision is such that the Manager-Operations must: (1) hold an SRO license, or (2) have at one time held an SRO license on Harris or a similar plant. Your original request included the proposed acceptance of qualifications for plant manager specified in the 1979 draft of the American Nuclear Society Standard 3.1. That portion of the request was subsequently withdrawn by your December 29, 1988 letter.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's regular Bi-weekly Federal Register notice.

Sincerely,

(S)

Richard A. Becker, Project Manager  
Project Directorate II-1  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 9 to NPF-63
2. Safety Evaluation

cc w/enclosures:

See next page

[SH AMEND 67033]

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OFC	:LA:PM21:DRPR:PM:PD21:DRPR:D:PD21:DRPR:	:	:	:	:
NAME	:PAnderson:	:RBecker:jw	:EAL	:	:
DATE	:2/9/89	:2/9/89	:3/2/89	:	:

OFFICIAL RECORD COPY

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, as revised through Amendment No. 9, are hereby incorporated into this license. Carolina Power & Light Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

*ES*  
Edward A. Reeves, Acting Director  
Project Directorate II-1  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 2, 1989

*OGC additions included Feb 3/2/89 w/ addition to SE*

OFC	: LA: PD21: DRPR: PM: PD21: DRPR: OGC	: D: PD21: DRPR :	:	:
NAME	: PAnderson: RBecker: Jfw: <i>CPW</i>	: <i>EA</i> <i>E. REEVES</i>	:	:
DATE	: 1/9/89 : 2/9/89 : 2/18/89	: 2/9/89 :	:	:

AMENDMENT NO. 9 TO FACILITY OPERATING LICENSE NO. NPF-63 - HARRIS, UNIT 1

Docket File

NRC PDR

Local PDR

PDII-1 Reading

S. Varga (14E4)

G. Lainas

E. Adensam

P. Anderson

R. Becker

OGC

D. Hagan (MNBB 3302)

E. Jordan (MNBB 3302)

B. Grimes (9A2)

T. Meeks (4) (P1-137)

W. Jones (P-130A)

E. Butcher (11F23)

Tech Branch that had input in package (Principal Contributor of SE)

ACRS (10)

GPA/PA

ARM/LFMB

cc: Licensee/Applicant Service List



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

March 2, 1989

Docket No. 50-400

Mr. E. E. Utley  
Senior Executive Vice President  
Power Supply and Engineering & Construction  
Carolina Power & Light Company  
Post Office Box 1551  
Raleigh, North Carolina 27602

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Sincerely,

Richard A. Becker, Project Manager  
Project Directorate II-1  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 9 to NPF-63
2. Safety Evaluation

cc w/enclosures:  
See next page

Mr. E. E. Utley  
Carolina Power & Light Company

Shearon Harris

cc:

Mr. R. E. Jones, General Counsel  
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P. O. Box 1551  
Raleigh, North Carolina 27602

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Committee  
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Mr. D. E. Hollar

Associate General Counsel  
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Mr. C. S. Hinnant  
Plant General Manager  
Harris Nuclear Plant  
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New Hill North Carolina 27562

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N.C. Department of Human Resources  
701 Barbour Drive  
Raleigh, North Carolina 27603-2008



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

ENVIRONMENTAL CONSIDERATIONS

CAROLINA POWER & LIGHT COMPANY, et al.

DOCKET NO. 50-400

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 9  
License No. NPF-63

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Carolina Power & Light Company, et al. (the licensee), dated January 4, 1988, as supplemented December 29, 1988 and January 16, 1989, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications, as indicated in the attachment to this license amendment; and paragraph 2.C.(2) of Facility Operating License No. NPF-63 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, as revised through Amendment No. 9, are hereby incorporated into this license. Carolina Power & Light Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Edward A. Reeves, Acting Director  
Project Directorate II-1  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 2, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 9

FACILITY OPERATING LICENSE NO. NPF-63

DOCKET NO. 50-400

Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised areas are indicated by marginal lines.

Remove Pages

6-1a

Insert Pages

6-1a



## ADMINISTRATIVE CONTROLS

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### UNIT STAFF

6.2.2 The unit organization shall be subject to the following:

- a. Each on-duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1;
- b. At least one licensed Operator shall be in the control room when fuel is in the reactor. In addition, while the unit is in MODE 1, 2, 3, or 4, at least one licensed Senior Operator shall be in the control room;
- c. An individual qualified as a Radiation Control Technician\* shall be on site when fuel is in the reactor;
- d. All CORE ALTERATIONS shall be observed and directly supervised by either a licensed Senior Operator or licensed Senior Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation;
- e. The Manager-Operations shall either hold a Senior Reactor Operator License or have at one time held a Senior Reactor Operator License for a similar unit. The Operations Supervisor shall hold a Senior Reactor Operator License.

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\*The Radiation Control Technician composition may be less than the minimum requirements for a period of time not to exceed 2 hours, in order to accommodate unexpected absence, provided immediate action is taken to fill the required positions.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 9 TO FACILITY OPERATING LICENSE NO. NPF-63  
CAROLINA POWER & LIGHT COMPANY, et al.  
SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1  
DOCKET NO. 50-400

1.0 INTRODUCTION

By letter dated January 4, 1988, as supplemented December 29, 1988 and January 16, 1989, the Carolina Power & Light Company submitted a request for changes to the Shearon Harris Nuclear Power Plant, Unit 1, Technical Specifications (TS) Section 6.2. The requested change would revise the requirement that the Manager-Operations hold a Senior Reactor Operator's (SRO) license at the Shearon Harris Nuclear Plant. The requested revision would change the requirement so that individuals holding the position of Manager-Operations would: (1) hold a SRO license at Shearon Harris plant; or (2) have at one time held a SRO license for Shearon Harris or a similar plant.

2.0 EVALUATION AND SAFETY SUMMARY

Currently at Shearon Harris, a position of Operations Supervisor exists between the operating shifts and the position of Manager-Operations. The Manager-Operations and Operations Supervisor are required by current TS to hold a SRO license. The NRC staff's position with respect to license requirements of the Manager-Operations (when a middle manager position with the SRO requirement exists, such as the Operation Supervisor) is that the individual holding the position must at least have held a SRO license at a similar plant. We consider this would provide an acceptable level of operator qualifications for the Manager-Operations, since this person does not directly supervise the reactor operators. The Operations Supervisor, who is directly responsible for supervision of plant operation, is required to hold a current SRO license for Shearon Harris.

The licensee's proposed changes to TS 6.2.2.e were modified by the December 29, 1988 letter. That letter withdrew the requested option for qualifications of the Manager-Operations, as specified in the 1979 draft of the American Nuclear Society Standard (ANS 3.1). The NRC staff has not accepted the draft ANSI standard. Therefore, the licensee's proposed changes for the qualification for the position of Manager-Operations are acceptable, as modified.

### 3.0 ENVIRONMENTAL CONSIDERATION

This amendment changes recordkeeping, reporting, or administrative procedures or requirements. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

### 4.0 CONCLUSION

The Commission made a proposed determination that this amendment involves no significant hazards consideration which was published in the Federal Register (53 FR 7587) on March 9, 1988, and consulted with the State of North Carolina. No public comments or requests for hearing were received, and the State of North Carolina did not have any comments.

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: F. Allenspach  
R. Becker

Dated: March 2, 1989