

**CP&L**

Carolina Power & Light Company

P.O. Box 10429  
Southport, NC 28461

OCT 15 1993

ROY A. ANDERSON  
Vice President  
Brunswick Nuclear Plant

SERIAL: BSEP 93-0164  
10 CFR 50.90  
TSC 87TSB04

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62

SUBMITTAL OF TYPED REVISED OPERATING LICENSE PAGES CONCERNING FIRE PROTECTION  
AND TYPED TECHNICAL SPECIFICATION PAGES DELETING FIRE PROTECTION PROGRAM

Gentlemen:

The purpose of this letter is to submit typed replacement Operating License pages and typed Technical Specification pages to the NRC staff for Carolina Power & Light Company's (CP&L) license amendment request to delete the fire protection program from the Technical Specifications for the Brunswick Steam Electric Plant (BSEP), Units 1 and 2.

On January 4, 1991 (NLS-90-237), CP&L requested a revision to the Operating Licenses and Technical Specifications for BSEP Units 1 and 2 which would replace the current license condition regarding fire protection with the standard license condition in Generic Letter 86-10 and delete the fire protection program from the Technical Specifications in accordance with Generic Letters 86-10 and 88-12. Hand-revised proposed Technical Specification pages were provided as Enclosures 3 and 4 to NLS-90-237.

On June 24, 1991 (NLS-91-085), CP&L submitted a supplement to that license amendment request, providing hand-revised copies of the appropriate pages of the Operating Licenses for each unit which contained the specific replacement license condition (paragraph 2.B.(6)). That submittal also provided hand-revised Technical Specification page 6-9, which incorporated as Technical Specification 6.5.3.8.m, a change which had inadvertently been omitted in the January 4, 1991 submittal (NLS-90-237).

Enclosures 1 and 2 to this letter provide typed copies of the revised pages of the Operating Licenses for each unit which reflect the hand-revised pages with replacement paragraph 2.B(6) submitted by NLS-90-237.

Enclosures 3 and 4 to this letter provide typed Technical Specification pages for Unit 1 and Unit 2, respectively, reflecting the hand-revised pages submitted with both the January 4, 1991 CP&L submittal (NLS-90-237) and the June 24, 1991 submittal (NLS-91-085).

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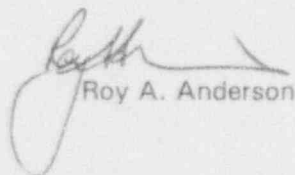
These typed Technical Specification pages also include an additional minor administrative change which has been made to clarify the meaning of the footnote on page 6-2 of the Technical Specifications for each unit. This change is editorial in nature and does not alter the conclusions of the 10 CFR 50.92 significant hazards evaluation provided as Enclosure 2 to CP&L's proposed license amendment request (NLS-90-237) on this issue.

In order to allow time for procedure revision and orderly incorporation into copies of the Technical Specifications, CP&L requests that the proposed amendments, once approved, be issued with an effective date to be no later than 90 days from the issuance of the amendments.

Carolina Power & Light Company is providing, in accordance with 10 CFR 50.91(b), Mr. Dayne H. Brown of the State of North Carolina with a copy of this letter.

Please refer any questions regarding this submittal to Mr. W. Levis at (919) 457-2404.

Very truly yours,



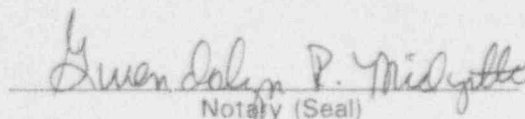
Roy A. Anderson

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Enclosures:

1. Proposed Revision to Unit 1 Operating License DPR-71 Incorporating Standard License Condition - Fire Protection Program
2. Proposed Revision to Unit 2 Operating License DPR-62 Incorporating Standard License Condition - Fire Protection Program
3. Typed Technical Specification Pages - Unit 1 for Request for License Amendment Deleting Technical Specifications - Fire Protection Program
4. Typed Technical Specification Pages - Unit 2 for Request for License Amendment Deleting Technical Specifications - Fire Protection Program

Roy A. Anderson, 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:

August 12, 1996

Document Control Desk  
BSEP 93-0164 / Page 3

cc: Ms. P. D. Anderson  
Mr. Dayne H. Brown  
Mr. S. D. Ebnetter  
Mr. P. D. Milano  
Mr. R. L. Prevatte

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2  
NRC DOCKET NOS. 50-325 & 50-324  
OPERATING LICENSE NOS. DPR-71 & DPR-62

REQUEST FOR LICENSE AMENDMENT

PROPOSED REVISION TO OPERATING LICENSE  
INCORPORATING STANDARD LICENSE CONDITION

FIRE PROTECTION PROGRAM

REVISED PAGES 2 AND 3

UNIT 1 OPERATING LICENSE

NO. DPR-71

CONTAINING REVISED PARAGRAPH 2.B(6)

2. Facility Operating License No. DPR-71 is hereby issued to the Carolina Power & Light Company to read as follows:

- A. This license applies to the Brunswick Steam Electric Plant, Unit 1, a boiling water reactor and associated equipment (the facility), owned by the Carolina Power & Light Company and North Carolina Eastern Municipal Power Agency and operated by Carolina Power and Light Company. The facility is located on the Cape Fear River, near Southport in Brunswick County, North Carolina, and is described in the "Final Safety Analysis Report" as supplemented and amended (Amendments 1 through 31) and the "Environmental Report" as supplemented and amended.
- B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Carolina Power & Light Company:
  - (1) Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility at the designated location in Brunswick County, North Carolina, in accordance with the procedures and limitations set forth in this license;
  - (2) Pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;
  - (3) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
  - (4) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess and use in amounts as required any byproduct, source and special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components;
  - (5) Pursuant to the Act and 10 CFR Parts 30 and 70 to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of Brunswick Steam Electric Plant, Unit Nos. 1 and 2, and H.B. Robinson Steam Electric Plant, Unit No. 2;
  - (6) The licensee shall implement and maintain in effect all provisions of the approved fire protection program as described in the Final Safety Analysis Report for the facility and as approved in the SER, dated December 30, 1986 as supplemented on December 6, 1989, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

- C. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 2436 megawatts thermal.

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 165, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

- (3) The licensee will undertake a program for seismic monitoring for a minimum of two years unless termination is earlier approved by the NRC staff. The program and its control will be conducted in general conformity with the document "Brunswick Steam Electric Plant Program for Seismic Monitoring" dated June 10, 1975, as revised June 27, 1975.

The program will include: (a) not less than ten seismic monitoring stations (seven permanent and three portable), in an array approved by the NRC staff, unless a lesser number is approved by the NRC staff in writing, and (b) quarterly reports on the monitoring data to be submitted to the NRC. Should the NRC staff determine that initiation of Phase II as described within the program within the two year monitoring period, or Phase III following initiation of Phase II, is required, the licensee will either comply with a request to proceed to Phase II (or Phase III) or immediately request and be granted a hearing on the issue of whether the data on which the staff's request is based justifies the initiation of Phase II (or Phase III) under the program for seismic monitoring agreed to by the licensee and the NRC staff. Nothing herein will be construed as precluding changes in the program by the licensee which do not adversely affect the quantity of information derived from the monitoring program. NRC will be informed of any such changes in the quarterly report.

ENCLOSURE 2

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2  
NRC DOCKET NOS. 50-325 & 50-324  
OPERATING LICENSE NOS. DPR-71 & DPR-62  
REQUEST FOR LICENSE AMENDMENT

PROPOSED REVISION TO OPERATING LICENSE  
INCORPORATING STANDARD LICENSE CONDITION

FIRE PROTECTION PROGRAM

REVISED PAGE 3

UNIT 2 OPERATING LICENSE

NO. DPR-62

CONTAINING REVISED PARAGRAPH 2.B(6)

- (5) Pursuant to the Act and 10 CFR Parts 30 and 70 to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of Brunswick Steam Electric Plant, Unit Nos. 1 and 2, and H. B. Robinson Steam Electric Plant, Unit No. 2.
- (6) The licensee shall implement and maintain in effect all provisions of the approved fire protection program as described in the Final Safety Analysis Report for the facility and as approved in the SER, dated December 30, 1986 as supplemented on December 6, 1989, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

- C. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 2436 megawatts (thermal).

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 196, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

- (3) Carolina Power & Light Company will undertake a program for seismic monitoring for a minimum of two years unless termination is earlier approved by the NRC staff. The program and its control will be conducted in general conformity with the document "Brunswick Steam Electric Plant Program for Seismic Monitoring" dated June 10, 1975 as revised June 27, 1975 and attached\* hereto as Appendix A. The program will include: 1) not less than ten seismic monitoring stations (seven permanent and three portable), in an array approved by the NRC staff, unless a lesser number is approved by the NRC staff in writing, and 2) quarterly reports on the monitoring data to be submitted to the NRC. Should the NRC staff determine that initiation of Phase II as