

MAY 2 1974

Docket No. 50-261

Carolina Power & Light Company  
ATTN: Mr. J. A. Jones  
Senior Vice President  
336 Fayetteville Street  
Raleigh, North Carolina 27602

Gentlemen:

A copy of the Notice of Proposed Issuance of Amendment to Facility Operating License which is being filed with the Office of the Federal Register for publication is enclosed for your information. The proposed amendment (copy enclosed) would authorize operation of the H. B. Robinson Unit 2 at power levels up to 2300 MW (thermal) and would incorporate Change No. 29 in the Technical Specifications to provide for such operation. A copy of our related Safety Evaluation will be forwarded to you as soon as it has been completed.

The Advisory Committee on Reactor Safeguards is expected to consider the higher power request at their June meeting and a copy of their report will also be made available when received.

Sincerely,

Original Signed by  
Karl Goller

~~Karl R. J. Goller~~  
Assistant Director for  
Operating Reactors  
Directorate of Licensing

Enclosures:

1. Notice of Proposed Issuance of  
Amendment to Facility Operating  
License
2. Proposed Amendment No. 4 to  
Facility License No. DPR-23

cc on next page

C/P

MAY 2 1974

Carolina Power & Light  
Company

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cc w/enclosures:

G. F. Trowbridge, Esquire  
Shaw, Pittman, Potts, Trowbridge  
and Madden  
910 - 17th Street, N. W.  
Washington, D. C. 20006

Mr. Harrell L. Gordan  
Chairman, Darlington County  
Board of Commissioners  
Route 2  
Darlington, South Carolina 29532

Hartsville Memorial Library  
Home and Fifth Avenues  
Hartsville, South Carolina 29550

Mr. Dave Hopkins  
Environmental Protection Agency  
1421 Peachtree Street, N. W.  
Atlanta, Georgia 30309

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TJCarter, L:OR  
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ACRS (16)  
RO (3)  
OGC

cc w/enclosures and incoming:

Mr. Elmer Whitten  
State Clearinghouse  
Office of the Governor  
Division of Administration  
1205 Pendleton Street  
4th Floor  
Columbia, South Carolina 29201

cc w/enclosures:

John D. Whisenhunt, Esquire  
Bridges and Whisenhunt  
Bridges Building  
P. O. Box 26  
Florence, South Carolina 29501

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SURNAME →	SATEets:dc	RWWoodruff	RJSchemel	KARMAN	KRG KRGoller	Rg
DATE →	4/3/74	4/5/74	4/8/74	4/11/74	5/2/74	

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-261

CAROLINA POWER AND LIGHT COMPANY

NOTICE OF PROPOSED ISSUANCE OF AMENDMENT TO FACILITY LICENSE

Notice is hereby given that the Atomic Energy Commission ("the Commission") is considering the issuance of an amendment to Facility Operating License No. DPR-23 which presently authorizes the Carolina Power and Light Company to possess, use, and operate the H. B. Robinson Unit 2 nuclear facility located on the H. B. Robinson site, Darlington County, approximately 4.5 miles west-northwest of Hartsville, South Carolina, at steady state power levels up to a maximum of 2200 megawatts (thermal). The amendment would authorize Carolina Power and Light Company to operate its H. B. Robinson Unit 2 at steady state power levels up to a maximum of 2300 megawatts (thermal) in accordance with Carolina Power and Light Company's application notarized February 4, 1974. The amendment will also incorporate changes to the Technical Specifications to provide for such operation.

The Commission will consider the issuance of the subject amendment upon: (1) The completion of a favorable Safety Evaluation on the application by the Commission's Directorate of Licensing and (2) a finding by the Commission that the application complies with the requirements of the Atomic Energy Act of 1954, as amended ("the Act"), and the Commission's regulations in 10 CFR Chapter I.

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Within thirty (30) days from the date of publication of this notice in the FEDERAL REGISTER, the applicant may file a request for a hearing with respect to issuance of this amendment to the subject facility operating license, and any person whose interest may be affected by this proceeding may file a petition for leave to intervene. Requests for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed within the time prescribed in this notice, the Commission or an Atomic Safety and Licensing Board designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

A petition for leave to intervene must be filed under oath or affirmation in accordance with the provisions of 10 CFR Part 2, Section 2.714. As required in 10 CFR Part 2, Section 2.714, a petition for leave to intervene shall set forth the interest of the petitioner in the proceeding, how that interest may be affected by the results of the proceeding, and any other contentions of the petitioner, including the facts and reasons why he should be permitted to intervene with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the pro-

ceeding on the petitioner's interest. Any such petition shall be accompanied

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by a supporting affidavit identifying the specific aspect or aspects of the subject matter of the proceeding as to which the petitioner wishes to intervene and setting forth with particularity both the facts pertaining to his interest and the basis for his contentions with regard to each aspect on which he desires to intervene. A petition that sets forth contentions relating only to matters outside the jurisdiction of the Commission will be denied.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, United States Atomic Energy Commission, Washington, D. C. 20545, Attention: Chief, Public Proceedings Staff, or may be delivered to the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., by

A copy of the petition and/or request should also be sent to the Chief Hearing Counsel, Office of the General Counsel, Regulation, U. S. Atomic Energy Commission, Washington, D. C. 20545.

For further details with respect to the proposed amendment, see (1) the application for license amendment notarized February 4, 1974, and (2) the proposed amendment which are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., and at the Hartsville Memorial Library, Home and Fifth Avenues, Hartsville, South Carolina. As they become available, the following documents will also be available for inspection at the above locations:

- (3) the Safety Evaluation to be prepared by the Directorate of Licensing,
- and (4) the Report to be prepared by the Advisory Committee on Reactor

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Single copies of item (2) above and, when available, items (3) and (4) may be obtained by request to the Deputy Director of Reactor Projects, Directorate of Licensing, U. S. Atomic Energy Commission, Washington, D. C. 20545.

Dated at Bethesda, Maryland, this 24th day of April 1974.

FOR THE ATOMIC ENERGY COMMISSION

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Robert A. Purplel, Chief  
Operating Reactors Branch #1  
Directorate of Licensing

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UNITED STATES ATOMIC ENERGY COMMISSION

CAROLINA POWER AND LIGHT COMPANY

DOCKET NO. 50-261

PROPOSED AMENDED FACILITY LICENSE

Amendment No. 4  
License No. DPR-23

1. The Atomic Energy Commission ("the Commission") having found that:
- A. The application for license amendment filed by Carolina Power and Light Company ("the licensee") 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. Construction of the H. B. Robinson Unit 2 (facility) has been substantially completed in conformity with Construction Permit No. CPPR-26 and the application, as amended, the provisions of the Act and the rules and regulations of the Commission;
  - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
  - D. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
  - E. The licensee is technically and financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;
  - F. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;
  - G. The issuance of this amendment to the operating facility license will not be inimical to the common defense and security or to the health and safety of the public; and

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- H. The receipt, possession, and use of byproduct and special nuclear materials as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30 and 70, including Sections 30.33, 70.23, and 70.31.
2. Facility Operating License No. DPR-23, as amended, issued to Carolina Power and Light Company is hereby further amended in its entirety to read as follows:
- A. This license applies to the H. B. Robinson Unit 2, a closed cycle, pressurized, light water moderated and cooled reactor, and associated equipment ("the facility") owned by the Carolina Power and Light Company. The facility is located in Darlington County, approximately 4.5 miles west-northwest of Hartsville, South Carolina and is described in the Final Facility Description and Safety Analysis Report, as supplemented and amended (Amendments Nos. 8 through 21).
  - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Carolina Power and 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 Darlington County, South Carolina, in accordance with the procedures and limitations set forth in this license;
    - (2) Pursuant to the Act and 10 CFR Part 70, "Special Nuclear Materials," to receive, possess, and use up to 3200 kilograms of Uranium 235 and 100 grams of plutonium as contained in sealed Pu-Be neutron sources all in connection with operation of the facility;
    - (3) Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Materials," to receive, possess and use 600 curies of Polonium 210 as two sealed sources, not to exceed 300 curies per source; 120 curies Cesium 137, not to exceed 25 millicuries unsealed; 15 curies Cobalt 60, not to exceed 25 millicuries unsealed; 200 millicuries of other byproduct material with atomic numbers between 1 and 93, not to exceed 40 millicuries unsealed; and 3.9 curies of Americium 241 sealed neutron source all in connection with operation of the facility; and

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(4) 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 the facility.

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, 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 2300 megawatts (thermal).

(2) Technical Specifications

The Technical Specifications contained in Appendix A issued July 31, 1970, including Changes Nos. 1 through 28 issued thereafter and Attachment A appended to this amendment (designated as Change No. 29), are hereby incorporated in the license as the Technical Specifications. The licensee shall operate the facility in accordance with the Technical Specifications.

D. This license is effective as of the date of issuance and shall expire at midnight April 13, 2007.

FOR THE ATOMIC ENERGY COMMISSION

A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing

Enclosure:

Attachment A - Change No. 29 to  
the Technical Specifications

Date of Issuance:

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UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-261

CAROLINA POWER AND LIGHT COMPANY

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The Commission has found that the application for amendment complies with the requirements of the Atomic Energy Act of 1954, as amended ("the Act"), and the Commission's regulations published in 10 CFR Chapter I. The license amendment will be issued after the Commission makes the findings relating to its review of the application, which are set forth in the proposed amendment, and concludes that the issuance of the amendment will not be inimical to the common defense and security or to the health and safety

of the public.

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