



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

Docket No. 50-261

February 28, 1984

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

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Dear Mr. Utley:

The Commission has issued the enclosed Amendment No. 77 to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant Unit No. 2. This amendment consists of changes to the Operating License in response to your application transmitted by letter dated July 1, 1982, as supplemented.

The amendment approves the steam generator repair program for the H. B. Robinson Steam Electric Plant Unit No. 2 and provides licensing conditions related to the repair operation.

Our Safety Evaluation in support of this amendment was issued on December 22, 1983 as NUREG-1004. Our Final Environmental Statement in support of this amendment was issued on November 29, 1983 as NUREG-1003.

The proposed issuance of an amendment was published in the Federal Register on November 24, 1982 (47 FR 53157). On December 28, 1983, the ASLB issued a Further Notice of Hearing, supplementing the Boards December 15, 1983 Notice, by establishing the hearing date for February 7, 1984. On February 9, 1984, the ASLB, having no contested issues to decide, dismissed the proceeding. The ASLB "Order Dismissing Proceeding" was issued on February 10, 1984.

Copies of the ASLB Order Dismissing Proceeding and the Notice of Issuance are also enclosed.

Sincerely,

**ORIGINAL SIGNED BY**

Globe Requa, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

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Enclosures:

1. Amendment No. 77 to DPR-23
2. ASLB Order
3. Notice of Issuance

cc: w/enclosures

See next page

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CParrish  
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Carolina Power and Light Company  
Post Office Box 1551  
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Sincerely,

A handwritten signature in cursive script, reading "Glode Requa", is written over the typed name.

Glode Requa, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

Enclosures:

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cc: w/enclosures  
See next page

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

H. B. Robinson Steam Electric  
Plant 2

cc: G. F. Trowbridge, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N.W.  
Washington, DC 20036

Regional Radiation Representative  
EPA Region IV  
345 Courtland Street, N.E.  
Atlanta, GA 30308

Mr. McCuen Morrell, Chairman  
Darlington County Board of Supervisors  
County Courthouse  
Darlington, South Carolina 29535

State Clearinghouse  
Division of Policy Development  
116 West Jones Street  
Raleigh, North Carolina 27603

Attorney General  
Department of Justice  
Justice Building  
Raleigh, North Carolina 27602

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
H. B. Robinson Steam Electric Plant  
Route 5, Box 266-1A  
Hartsville, South Carolina 29550

James P. O'Reilly  
Regional Administrator - Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street  
Atlanta, GA 30303

Mr. R. Morgan  
General Manager  
H. B. Robinson Steam Electric Plant  
Post Office Box 790  
Hartsville, South Carolina 29550



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

CAROLINA POWER AND LIGHT COMPANY

DOCKET NO. 50-261

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.77  
License No. DPR-23

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Carolina Power and Light Company (the licensee) dated July 1, 1982, as supplemented, 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 Facility Operating License No. DPR-23 is hereby amended by deleting paragraph 3.I and adding a new paragraph 3.J as follows:

3.J Steam Generator Repair Program

- (1) The H. B. Robinson Steam Electric Plant Unit No. 2 Steam Generator Repair Program is approved.
- (2) The following temporary license conditions will be imposed before and during the repair program.


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- (a) All fuel shall be removed from the reactor pressure vessel and stored in the spent fuel pool before the steam generator repair task is initiated.
- (b) Before the steam generator repair task is initiated, the following planning and preparation (i.e., specific applications identified and details finalized) shall be completed in accordance with Regulatory Guide 8.8.
  - (i) general area decontamination,
  - (ii) primary surface decontamination,
  - (iii) use of temporary shielding,
  - (iv) use of specialized tools,
  - (v) removal of selected valves and piping,
  - (vi) establishment of low-background wait areas,
  - (vii) establishment of laydown areas,
  - (viii) training and training facilities for plant and contractor personnel,
  - (ix) access control,
  - (x) equipment decontamination and decontamination facilities,
  - (xi) engineering controls which limit the need for respiratory protection consistent with ALARA,
  - (xii) dose tracking.
- (c) Interim reports which summarize each 90-day period of the repair effort are to be provided to the NRC within 60 days of the completion of each such report period.
- (d) The collective occupational dose estimates will be updated each 90-day period. If the updated estimates exceed the person-rem estimate by more than 10%, the licensee will provide a revised estimate, including the reasons for such changes, to the NRC with the 90-Day Progress Reports.
- (e) Sixty days prior to fuel loading, the program for preoperational testing and startup shall be submitted for NRC review (3.3.16) (4.2).
- (f) A final report shall be provided to the NRC within 60 days after repair completion. This report shall include the following:
  - (i) a summary by major task of the occupational dose received,
  - (ii) a comparison of estimated doses with the doses actually received,
  - (iii) a discussion of ALARA measures employed, and

(iv) a summary of decontamination efforts and radwaste generation.

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

FOR THE NUCLEAR REGULATORY COMMISSION

  
Darrell G. Eisenhut, Director  
Division of Licensing

Date of Issuance: February 28, 1984

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UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-261

CAROLINA POWER AND LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 77 to Facility Operating License No. DPR-23 issued to Carolina Power and Light Company (the licensee), for the H. B. Robinson Steam Electric Plant, Unit No. 2, (the facility) located in Darlington County, South Carolina. The amendment is effective as of the date of issuance.

The amendment approves the steam generator repair program for the H. B. Robinson Steam Electric Plant Unit No. 2 and provides licensing conditions related to the repair operation.

The amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Notice of Proposed Issuance of Amendment to Facility Operating License in connection with this action

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was published in the FEDERAL REGISTER on November 24, 1982 (47 FR 53157). On April 12, 1983, The Hartsville Group was granted status as an intervenor. On December 28, 1983, the Atomic Safety and Licensing Board (ASLB) issued a Further Notice of Hearing which established a hearing date on February 7, 1984. On February 10, 1984 the ASLB issued an Order Dismissing Proceeding which authorized the Nuclear Regulatory Commission staff to handle the license amendment that would permit the proposed steam generator repair.

The Commission has issued a Final Environmental Statement on November 29, 1983, which was noticed in the Federal Register on December 16, 1983 (48 FR 55932), and has concluded that the action will not significantly affect the quality of the human environment.

For further details with respect to this action see (1) the application dated July 1, 1982, as supplemented on September 16, 1982 and further; (2) the Steam Generator Repair Report dated January 6, 1983, as supplemented on March 21, May 5, June 3, July 11, July 14, July 15, July 25, August 3, August 11, and October 31, 1983; (3) Amendment No. 77 to License No. DPR-23; (4) the Commission's related Safety Evaluation (NUREG-1004) dated November 1983; (5) the Commission's related Final Environmental




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Statement (NUREG-1003) dated November 1983; and (6) the ASLB Order Dismissing the Proceeding dated February 10, 1983. All of these items 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 29550. A copy of items (3), (4), (5) and (6) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 28th day of February 1984.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing