

UNITED STATES NUCLEAR REGULATORY COMMISSIONCAROLINA POWER & LIGHT COMPANYDOCKET NO. 50-325NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDSCONSIDERATION DETERMINATION

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-71, issued to Carolina Power & Light Company (the licensee), for operation of the Brunswick Steam Electric Plant, Unit 1 located in Brunswick County, North Carolina.

The amendment would revise the technical specifications of the operating license to incorporate appropriate limiting conditions for operation of the facility during the fourth fuel cycle. The revised technical specifications would place appropriate restrictions on the rate of heat generation in the nuclear fuel by specifying limiting values of the Linear Heat Generation Rate, Average Planar Linear Heat Generation Rate, Minimum Critical Power Ratio and set points for the Average Power Range Monitoring System. These revisions to the technical specifications would be made in response to the licensee's application for amendment dated May 2, 1983.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

The Commission has provided guidance for the application of these criteria by providing examples of amendments that are considered not likely to involve significant hazards considerations (48 CFR 14870). One such amendment is a change resulting from a nuclear reactor core reloading, if no fuel assemblies significantly different from those found previously acceptable to the Commission for a previous core at the facility in question are involved.

This third refueling of the Brunswick Steam Electric Plant, Unit 1 involves no fuel assemblies significantly different from those used in a previous refueling and found acceptable to the Commission. Furthermore, there are no significant changes to the acceptance criteria for the technical specifications. The analytical methods used to demonstrate conformance with the technical specifications and regulations have been found previously acceptable to the Commission. Therefore, based on these considerations and the three criteria given above, we have made a proposed determination that this amendment request involves no significant hazards consideration.

The Commission has determined that failure to act in a timely way would result in extending the shutdown of the facility. Therefore, the Commission has insufficient time to issue its usual 30-day notice of the proposed action for public comment.

If the proposed determination becomes final, an opportunity for a hearing will be published in the Federal Register at a later date and any hearing request will not delay the effective date of the amendment.

If the staff decides in its final determination that the amendment does involve a significant hazards consideration, a notice of opportunity for a prior hearing will be published in the Federal Register and, if a hearing is granted, it will be held before the amendment is issued.

The Commission is seeking public comments on this proposed determination. Comments on the proposed determination may be telephoned to Domenic B. Vassallo, Chief of Operating Reactors Branch No. 2 by collect call to 301-492-8069 or submitted in writing to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Services Branch. All comments received by June 9, 1983 will be considered in reaching a final determination. A copy of the application may be examined at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Southport, Brunswick County Library, 109 W. Moore Street, Southport, North Carolina 28461.

Dated at Bethesda, Maryland, this 16th day of May 1983.

DIST: Docket File NRC PDR LPDR FOR THE NUCLEAR REGULATORY COMMISSION
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bcc: Service List
Licensee

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

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DATE	5/16/83	5/16/83	5/16/83	5/16/83	5/16/83	5/16/83	

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May 16, 1983

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DOCKET NO(S). 50-325

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Mr. E. E. Utley
Executive Vice President
Carolina Power & Light Company
P. O. Box 1551, Raleigh, North Carolina 27602
SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT UNIT 1

The following documents concerning our review of the subject facility are transmitted for your information.

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated _____.
- ☐ Notice of Availability of Draft/Final Environmental Statement, dated _____.
- ☐ Safety Evaluation Report, or Supplement No. _____, dated _____.
- ☐ Notice of Hearing on Application for Construction Permit.
- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Volume _____.
- ☐ Amendment No. _____ to Application/SAR dated _____.
- ☐ Construction Permit No. CPPR- _____, Amendment No. _____, dated _____.
- ☐ Facility Operating License No. _____, Amendment No. _____, dated _____.
- ☐ Order Extending Construction Completion Date, dated _____.
- ☒ Other (Specify) Notice of Consideration of Issuance of Amendment to facility

operating license and proposed no significant hazards consideration
determination.

Office of Nuclear Reactor Regulation

Domenic B. Vassallo, Chief

ORIGINAL SIGNED BY

Enclosures:
As stated

CC: See next page

OFFICE	DL:ORB#2						
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DATE	5/18/83						

Mr. E. E. Utley
Carolina Power & Light Company
Brunswick Steam Electric Plant, Units 1 and 2

cc:

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with 5/2/83 CP&L letter