

June 21, 1989

Docket No. 50-261

Mr. Lynn W. Eury
Executive Vice President
Power Supply
Carolina Power & Light Company
Post Office Box 1551
Raleigh, North Carolina 27602

Dear Mr. Eury:

SUBJECT: TRANSMITTAL OF ENVIRONMENTAL ASSESSMENT - H. B. ROBINSON STEAM ELECTRIC
PLANT, UNIT NO. 2, (TAC NO. 71613)

Enclosed is a copy of an Environmental Assessment and Finding of No Significant
Impact relative to the H. B. Robinson Steam Electric Plant, Unit No. 2, for
your information. This assessment relates to your November 30, 1988 request
for amendment, as supplemented by letter dated May 5, 1989.

This assessment has been forwarded to the Office of the Federal Register for
publication.

Sincerely,

Elinor G. Adensam/for
Ronnie H. Lo, Senior Project Manager
Project Directorate II-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:

cc w/enclosure:
See next page.

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[ROBINSON ENV ASSESSMENT LTR]

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OFFICIAL RECORD COPY

Mr. L. W. Eury
Carolina Power & Light Company

H. B. Robinson Steam Electric
Plant, Unit No. 2

cc:

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P. O. Box 790
Hartsville, South Carolina 29550

UNITED STATES NUCLEAR REGULATORY COMMISSIONCAROLINA POWER & LIGHT COMPANYH.B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2DOCKET NO. 50-261NOTICE OF ISSUANCE OF ENVIRONMENTAL ASSESSMENT ANDFINDING OF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-23 issued to the Carolina Power & Light Company, for operation of H. B. Robinson Steam Electric Plant, Unit No. 2, located in Darlington County, South Carolina.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendment would revise the provisions in the Technical Specifications (TS) relating to the minimum inventory of diesel generator fuel oil to be stored onsite. The proposed TS also include provisions for surveillance requirements on testing of the diesel generator fuel oil inventory. The proposed action was requested by the licensee's application dated November 30, 1988, as supplemented by a letter dated May 5, 1989.

The Need for the Proposed Action:

The proposed changes are needed to ensure that sufficient diesel generator fuel oil will be available onsite for one diesel generator to operate at full load for seven days. The proposed TS would increase the minimum fuel oil inventory and resolve the inconsistency between the TS and Section 8.3.1.1.5.1 of the updated Final Safety Analysis Report.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revisions to the TS. The proposed revisions would require that a minimum fuel oil inventory be stored onsite. The TS proposed also impose surveillance requirements on testing and sampling of the diesel fuel oil inventory.

The safety considerations associated with the TS requirement to store onsite an increased minimum diesel fuel oil have been evaluated by the NRC staff. The staff has concluded that such changes would have no adverse effect on plant safety. The existing capacities of the Unit 2 diesel generator fuel oil storage tank (25,000 gallons) and the Unit 1 I-C turbine fuel oil storage tanks (95,000 gallons) exceed the minimum fuel oil inventory requirements of the proposed TS. The proposed TS change to maintain an increased minimum fuel oil inventory in those tanks does not impact on the combustible loading for the H. B. Robinson Steam Electric Plant, Unit No. 2, fire hazard analysis, which took into consideration the full capacities of the fuel oil storage tanks. Therefore, the proposed change will have no adverse effect on the probability or the consequences of any accident. No changes are being made in the types or amounts of any radiological effluents that may be released offsite and there is no significant increase in the allowable individual or cumulative occupational radiation exposure.

The staff has evaluated the potential non-radiological impact of reactor operation because of the required diesel fuel oil inventory storage onsite. The diesel fuel oil will be stored in existing on-site storage tanks. The licensee routinely has maintained an on-site diesel fuel inventory in excess of that in the proposed TS. The proposed changes to the TS do not affect non-radiological plant effluents and have no other environmental impact.

Therefore, the Commission concludes that there is no significant environmental impact associated with the proposed amendment.

Alternative to the Proposed Action:

Since the Commission concluded that there are no significant environmental effects that would result from the proposed action, any alternatives with equal or greater environmental impacts need not be evaluated.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and could result in reduced time period for diesel generator availability.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the "Final Environmental Statement related to the operation of H. B. Robinson Nuclear Steam-Electric Plant Unit 2," dated April 1975.

Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed license amendment.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated November 30, 1988, as supplemented by letter dated May 5, 1989, which are available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. and at the Hartsville Memorial Library, Home and Fifth Avenues, Hartsville, South Carolina 29535.

Dated at Rockville, Maryland, this 21th day of June 1989.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed By:

Elinor G. Adensam, Director
Project Directorate II-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

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NAME	:PAnderson	:RLo:bd	:EAdensam	:
DATE	:06/7/89	:06/7/89	:06/13/89	:06/21/89

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