June 29, 1988

Docket No. 50-261

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

Dear Mr. Utley:

SUBJECT: PHYSICALS FOR USERS OF RESPIRATORY EQUIPMENT - ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (TAC NO. 60653)

Enclosed is a copy of an Environmental Assessment and Finding of No Significant Impact relative to the Robinson Steam Electric Plant, Unit No. 2, for your information. This assessment relates to your January 30, 1986 request for exemption from certain requirements of 10 CFR 20.103(c)(2).

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

Sincerely,

Ronnie H. Lo, Project Manager Project Directorate II-1 Division of Reactor Projects I/II

Enclosure: Environmental Assessment

cc: See next page

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

cc:

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

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Mr. Avery Upchurch, Chairman Triangle J Council of Governments 100 Park Drive Post Office Box 12276 Research Triangle Park, NC 27709 H. B. Robinson 2

Mr. Dwayne H. Brown, Chief Radiation Protection Branch Division of Facility Services Department of Human Resources 701 Barbour Drive Raleigh, North Carolina 27603-2008

Mr. Robert P. Gruber Executive Director Public Staff - NCUC P.O. Box 29520 Raleigh, North Carolina 27626-0520

UNITED STATES NUCLEAR REGULATORY COMMISSION CAROLINA POWER & LIGHT COMPANY, ET AL. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 DOCKET NO. 50-261 ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC or the Commission) is considering issuance of an exemption from the requirements of 10 CFR 20.103(c)(2), regarding the administration of physical examinations for users of respiratory equipment, to the Carolina Power & Light Company (CP&L or the licensee), for the Robinson Steam Electric Plant, Unit No. 2, located in Darlington County, South Carolina.

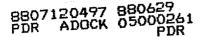
ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed exemption would permit the licensee to administer physical examinations for users of respiratory equipment at an interval of every 9 to 15 months, as opposed to the 12 month interval required by 10 CFR 20.103(c)(2). These examinations verify the physical capability of individuals to use respiratory protective equipment in an environment containing airborne radioactive material.

The Need for the Proposed Action:

Currently, the licensee schedules physical examinations every 8 to 12 months to assure compliance with the 12-month requirement. Consequently, there are calendar years in which two examinations are scheduled. Because of the number of licensee employees requiring examinations, a two month period



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(e.g. June 1 to July 31) is set aside for the administration of all physical examinations. To assure compliance with the 12-month requirement, all examinations in the following year must be completed before June 1. Approval of this proposed exemption would provide greater flexibility in scheduling of examinations and preclude the need for administration of two examinations in the same calendar year.

Environmental Impacts of the Proposed Action:

We have evaluated the environmental impacts related to granting the requested exemption. The administration of physical examinations for users of emergency respiratory equipment on the schedule proposed by the licensee will not, in any way, reduce the integrity of any safety system. Accordingly, post-acccident radiological releases will not be greater than previously determined nor does the proposed schedule for physical examinations otherwise affect radiological plant effluents, and there is no significant increase in occupational exposures. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed exemption.

With regard to potential non-radiological impacts, the proposed exemption involves the use of systems located entirely within the restricted area, as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed exemption.

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Alternatives to the Proposed Action:

Because it has been concluded that there is no measurable environmental impact associated with the proposed exemption, any alternatives to the exemption will have either no environmental impacts or greater environmental impacts.

The principal alternative to granting the exemption would be to deny the requested exemption. Such action would not reduce environmental impacts of the Robinson Steam Electric Plant, Unit No. 2, operations and would not enhance the protection of the environment.

Alternative Use of Resources:

This action would involve no use of resources not previously considered in the Final Environmental Statement (operating license) for the Robinson Steam Electric Plant, Unit No. 2.

Agencies and Persons Consulted:

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

FINDING NO SIGNIFICANT IMPACT

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

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 exemption dated January 30, 1986, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C.,

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and at the Hartsville Memorial Library, Home and Fifth Avenues, Hartsville, South Carolina 29535.

Dated at Rockville, Maryland, this 29th day of June , 1988.

FOR THE NUCLEAR REGULATORY COMMISSION

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

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