

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,

151

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

Enclosure:  
Environmental Assessment

cc: See next page

DISTRIBUTION

Docket File  
NRC PDR  
Local PDR  
PDII-1 Reading  
S. Varga (14E4)  
G. Lainas  
E. Adensam  
P. Anderson  
R. Lo  
OGC

E. Jordan (MNBB 3302)  
J. Partlow (9A2)  
ACRS (10)  
GPA/PA

8807120476 880629  
PDR ADDCK 05000261  
PDR

OFC	:LA:PD21:DRPR:PM:PD21:DRPR:D:PD21:DRPR	:	:	:	:
NAME	:PAnderson	:	RLo:clh	:	EAdensam
DATE	: 6/1/88	:	6/6/88	:	6/6/88

OFFICIAL RECORD COPY

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

H. B. Robinson 2

cc:

Mr. R. E. Jones, General Counsel  
Carolina Power & Light Company  
P. O. Box 1551  
Raleigh, North Carolina 27602

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

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

Mr. H. A. Cole  
Special Deputy Attorney General  
State of North Carolina  
P.O. Box 629  
Raleigh, North Carolina 27602

Mr. D. E. Hollar  
Associate General Counsel  
Carolina Power and Light Company  
P.O. Box 1551  
Raleigh, North Carolina 27602

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
H. B. Robinson Steam Electric Plant  
Route 5, Box 413  
Hartsville, South Carolina 29550

Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30323

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

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

UNITED STATES NUCLEAR REGULATORY COMMISSIONCAROLINA POWER & LIGHT COMPANY, ET AL.ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2DOCKET NO. 50-261ENVIRONMENTAL ASSESSMENT ANDFINDING 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 ASSESSMENTIdentification 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

8807120497 880629  
PDR ADOCK 05000261  
PDR

(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-accident 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.

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.,

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

151

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

OFFICIAL RECORD COPY

OFC	:LA:RDEI:DRPR:PM:PD21:DRPR:	OGC	:D:PD21:DRPR:	:	:
NAME	:PAnderson	: RLo:clh	: rhg	: EAdensam	:
DATE	: 6/1/88	: 6/3/88	: 6/3/88	: 6/6/88	: