



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET SW SUITE 23T85  
ATLANTA, GEORGIA 30303-8931**

March 31, 2000

Carolina Power & Light Company  
ATTN: Mr. D. E. Young  
Vice President  
H. B. Robinson Steam Electric Plant Unit 2  
3581 West Entrance Road  
Hartsville, SC 29550

**SUBJECT: PLANT PERFORMANCE REVIEW - ROBINSON NUCLEAR PLANT**

Dear Mr. Young:

The purpose of this letter is to communicate our assessment of your performance and to inform you of our planned inspections at your facility. On February 24, 2000, we completed a plant performance review (PPR) of Robinson. We conduct these reviews to develop an integrated overview of the safety performance of each operating nuclear power plant. We use the results of the PPR in planning and allocating inspection resources and as inputs to our senior management meeting (SMM) process. This PPR evaluated inspection results and safety performance information for the period from February 1, 1999, through January 31, 2000, but emphasized the last six months to ensure that our assessment reflected your current performance. Our most recent summary of plant performance at Robinson was provided to you in a letter dated March 23, 1999, and was discussed with you in a public meeting on May 4, 1999.

The NRC has been developing a revised reactor oversight process that will replace our existing inspection and assessment processes, including the PPR, the SMM, and the Systematic Assessment of Licensee Performance (SALP). We recently completed a pilot program for the revised reactor oversight process at nine participating sites and are making necessary adjustments based on feedback and lessons learned. We plan to begin initial implementation of the revised reactor oversight process industry-wide, including your facility, on April 2, 2000.

This PPR reflects continued process improvements as we make the transition into the revised reactor oversight process. Instead of characterizing our assessment results by SALP functional area, we are organizing the results into the strategic performance areas embodied in the revised reactor oversight process. In addition, we have considered the historical performance indicator data that you submitted in January 2000 in conjunction with the inspection results in assessing your performance. The results of this PPR were used to establish the inspection

plan in accordance with the new risk-informed inspection program (consisting of baseline and supplemental inspections). Although this letter incorporates some terms and concepts associated with the new oversight process, it does not reflect the much broader changes in inspection and assessment that will be evident after we have fully implemented our revised reactor oversight process.

During the last six months Robinson has operated at or near 100 percent power with the exception of a refueling outage and one turbine runback. On November 3, 1999, a failed control rod bottom bistable caused a turbine runback. No actual dropped rod occurred and the unit was returned to 100 percent power the next day.

We have not identified any significant performance issues during this assessment period and note that Robinson continues to operate in a safe manner. Therefore, we plan to conduct only baseline inspections at your facility as noted in the enclosed inspection plan. In addition, we plan to conduct inspections to review activities associated with your Independent Spent Fuel Storage Installation.

Enclosure 1 contains an historical listing of plant issues, referred to as the Plant Issues Matrix (PIM), that were used during this PPR process to arrive at our integrated view of your performance trends. The PIM for this assessment is grouped by the prior SALP functional areas of operations, maintenance, engineering and plant support. Future PIMs will be organized along the cornerstones of safety as described in the revised reactor oversight process. The enclosed PIM includes items summarized from inspection reports or other docketed correspondence regarding Robinson. We did not document all aspects of licensee programs and performance that may be functioning appropriately. Rather, we only documented issues that we believe warrant management attention or represent noteworthy aspects of performance. In addition, the PPR may also have considered some predecisional and draft material that does not appear in the enclosed PIM, including observations from events and inspections that had occurred since our last inspection report was issued, but had not yet received full review and consideration. We will make this material publically available as part of the normal issuance of our inspection reports and other correspondence.

Enclosure 2 lists our planned inspections for the period April 2000 through March 2001 at Robinson to allow you to resolve scheduling conflicts and personnel availability in advance of our inspectors' arrival onsite. The inspection schedule for the latter half of the period is more tentative and may be adjusted in the future due to emerging performance issues at Robinson or other Region II facilities. Routine resident inspections are not listed due to their ongoing and continuous nature.

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We will inform you of any changes to the inspection plan. If you have any questions, please contact me at (404) 562-4560.

Sincerely,

*/RA/*

Brian R. Bonser, Chief  
Reactor Projects Branch 4  
Division of Reactor Projects

Docket No. 50-261  
License No. DPR-23

Enclosures: 1. Plant Issues Matrix  
2. Inspection Plan

cc w/encls: (See page 4)

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J. W. Moyer  
Director, Site Operations  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

T. D. Walt  
Plant General Manager  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

Terry C. Morton, Manager  
Performance Evaluation and  
Regulatory Affairs CPB 9  
Electronic Mail Distribution

H. K. Chernoff, Supervisor  
Licensing/Regulatory Programs  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

R. L. Warden, Manager  
Regulatory Affairs  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

Virgil R. Autry, Director  
Div. of Radioactive Waste Mgmt.  
Dept. of Health and Environmental  
Control  
Electronic Mail Distribution

R. Mike Gandy  
Division of Radioactive Waste Mgmt.  
S. C. Department of Health and  
Environmental Control  
Electronic Mail Distribution

Mel Fry, Director

Division of Radiation Protection  
N. C. Department of Environment,  
Health and Natural Resources  
Electronic Mail Distribution

William D. Johnson  
Vice President & Corporate Secretary  
Carolina Power & Light Company  
Electronic Mail Distribution

John H. O'Neill, Jr.  
Shaw, Pittman, Potts & Trowbridge  
2300 N. Street, NW  
Washington, DC 20037-1128

Peggy Force  
Assistant Attorney General  
State of North Carolina  
Electronic Mail Distribution

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

Public Service Commission  
State of South Carolina  
P. O. Box 11649  
Columbia, SC 29211

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R. Subbaratnam, NRR  
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