

February 25, 2004

LICENSEE: Carolina Power & Light Company (Also doing business as Progress Energy)

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

SUBJECT: SUMMARY OF THE OCTOBER 30, 2003, MEETING WITH CAROLINA POWER & LIGHT COMPANY TO DISCUSS REQUEST FOR FULL IMPLEMENTATION OF ALTERNATE SOURCE TERM AT H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (TAC NO. MB5105)

On October 30, 2003, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a meeting at the NRC Headquarters in Rockville, Maryland, with Carolina Power & Light Company (the licensee). The purpose of this meeting was to discuss the licensee's request for full implementation of Alternate Source Term at H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP2). The licensee and the NRC staff discussed technical details of the licensee's analysis of the Loss-of-Coolant Accident (LOCA) and Steam Generator Tube Rupture (SGTR) event at HBRSEP2. After some discussion, it was concluded that there were some differences between the NRC staff's and licensee's assumptions for evaluating the LOCA event. These differences in assumptions explained the reason why the NRC staff's and licensee's calculated radiological consequences for LOCA were different.

During the discussion of the SGTR event analysis, it became clear that there were inconsistencies between the licensee's description of the analytical approach and the actual input used for the analysis. Based on these discussions, the licensee agreed to revise its LOCA analysis and to revise the discussion of the SGTR analysis to make it consistent with the actual analysis input. In addition, the NRC staff indicated that there were two other issues that needed additional internal discussion before communicating with the licensee. These two issues are related to the acceptance criteria for the waste gas decay tank failure analysis and steam generator isolation time assumed in the SGTR analysis. The list of attendees is attached. There were no handouts for the meeting.

**/RA/**

Chandu P. Patel, Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-261

Attachment: Attendance list

cc w/attachment: See next page

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Attachment: Attendance list

cc w/attachment: See next page

Distribution: See attached list

**ADAMS Accession No.: ML040560396**

OFFICE	PDII-2/PM	PDII-2/LA	PDII-2/SC (A)
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DATE	2/23/2004	2/23/2004	2/24/2004

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**ATTENDANCE LIST**  
**NUCLEAR REGULATORY COMMISSION STAFF MEETING**  
**WITH CAROLINA POWER & LIGHT**  
**AT NRC HEADQUARTERS**  
**OCTOBER 30, 2003**

<u>Name</u>	<u>Organization</u>
Chandu Patel	NRC
Allen Howe	NRC
Jack Hayes	NRC
Chuck Baucom	CP&L
Ray Crandall	CP&L
Bill Ziegler	CP&L
Jack Grant	PSEG/Salem
Jesus Arias	PSEG/Salem

H. B. Robinson Steam Electric Plant, Unit No. 2  
Carolina Power & Light Company

cc:

Steven R. Carr  
Associate General Counsel - Legal  
Department  
Progress Energy Service Company, LLC  
Post Office Box 1551  
Raleigh, North Carolina 27602-1551

Ms. Margaret A. Force  
Assistant Attorney General  
State of North Carolina  
Post Office Box 629  
Raleigh, North Carolina 27602

U. S. Nuclear Regulatory Commission  
Resident Inspector's Office  
H. B. Robinson Steam Electric Plant  
2112 Old Camden Road  
Hartsville, South Carolina 29550

Mr. T. P. Cleary  
Plant General Manager  
H. B. Robinson Steam Electric Plant,  
Unit No. 2  
Carolina Power & Light Company  
3581 West Entrance Road  
Hartsville, South Carolina 29550

Mr. Chris L. Burton  
Director of Site Operations  
H. B. Robinson Steam Electric Plant,  
Unit No. 2  
Carolina Power & Light Company  
3581 West Entrance Road  
Hartsville, South Carolina 29550

Public Service Commission  
State of South Carolina  
Post Office Drawer 11649  
Columbia, South Carolina 29211

J. F. Lucas  
Manager - Support Services - Nuclear  
H. B. Robinson Steam Electric Plant,  
Unit No. 2  
Carolina Power & Light Company  
3581 West Entrance Road  
Hartsville, South Carolina 29550

Mr. C. T. Baucom  
Supervisor, Licensing/Regulatory Programs  
H. B. Robinson Steam Electric Plant,  
Unit No. 2  
Carolina Power & Light Company  
3581 West Entrance Road  
Hartsville, South Carolina 29550

Ms. Beverly Hall, Section Chief  
N.C. Department of Environment  
and Natural Resources  
Division of Radiation Protection  
3825 Barrett Dr.  
Raleigh, North Carolina 27609-7721

Mr. Robert P. Gruber  
Executive Director  
Public Staff - NCUC  
4326 Mail Service Center  
Raleigh, North Carolina 27699-4326

Mr. Henry H. Porter, Assistant Director  
South Carolina Department of Health  
Bureau of Land & Waste Management  
2600 Bull Street  
Columbia, South Carolina 29201

Mr. James W. Holt  
Manager  
Performance Evaluation and  
Regulatory Affairs PEB 7  
Progress Energy  
Post Office Box 1551  
Raleigh, North Carolina 27602-1551

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

Mr. J. W. Moyer, Vice President  
H. B. Robinson Steam Electric Plant  
Unit No. 2  
Carolina Power & Light Company  
3581 West Entrance Road  
Hartsville, South Carolina 29550-0790