



Serial: RNP-RA/06-0106

NOV 07 2006

United States Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, Maryland 20852

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23

SUPPLEMENTAL RESPONSE TO NRC GENERIC LETTER 2004-02, "POTENTIAL  
IMPACT OF DEBRIS BLOCKAGE ON EMERGENCY RECIRCULATION  
DURING DESIGN BASIS ACCIDENTS AT PRESSURIZED-WATER REACTORS"

Ladies and Gentlemen:

By letter dated September 1, 2005, Carolina Power and Light Company, also known as Progress Energy Carolinas, Inc., provided information requested by NRC Generic Letter (GL) 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors," for H. B. Robinson Steam Electric Plant, Unit No. 2. A supplemental response was provided by letter dated July 13, 2006, which provided a revision to the planned schedule for completion of downstream effects evaluations.

That letter revised the plan for completion of downstream effects evaluations, as follows:

"The downstream effects evaluations will be completed for the reactor internals/fuel and SI [Safety Injection] pump internal flow passages by November 7, 2006."

The evaluations associated with downstream effects are in progress. It is expected that these evaluations will be completed prior to completion of the next refueling outage, which is currently scheduled to begin on about April 7, 2007. Therefore, the plan for these evaluations is further revised, as follows:

"The downstream effects evaluations will be completed for the reactor internals/fuel and SI pump internal flow passages by May 1, 2007."

The new planned date for this intermediate step will continue to allow completion of necessary activities for resolution of the debris blockage issue by December 31, 2007, as requested by GL 2004-02.

An attachment to this letter provides an Affirmation in accordance with the provisions of Section 182a of the Atomic Energy Act of 1954, as amended, and 10 CFR 50.54(f).

If you have any questions concerning this matter, please contact Mr. C. T. Baucom at (843) 857-1253.

Sincerely,

A handwritten signature in black ink that reads "Jan F. Lucas". The signature is written in a cursive style with a large, looped initial "J".

Jan F. Lucas  
Manager – Support Services – Nuclear

CTB/cac

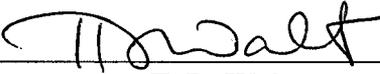
Attachment

c: Dr. W. D. Travers, NRC, Region II  
Mr. C. P. Patel, NRC, NRR  
NRC Resident Inspector

**AFFIRMATION**

The information contained in letter RNP-RA/06-0106 is true and correct to the best of my information, knowledge, and belief; and the sources of my information are officers, employees, contractors, and agents of Carolina Power and Light Company, also known as Progress Energy Carolinas, Inc. I declare under penalty of perjury that the foregoing is true and correct.

Executed On: 11/7/06

  
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T. D. Walt

Vice President

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