Progress Energy

10 CFR 50.55a

Serial: RNP-RA/12-0079

AUG 0 9 2012

Attn: Document Control Desk
United States Nuclear Regulatory Commission
Washington, DC 20555-0001

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

REVISED RESPONSE TO NRC REQUEST FOR ADDITIONAL INFORMATION
RELATED TO RELIEF REQUESTS (RR)-2 FOR THE FIFTH TEN-YEAR
INTERVAL INSERVICE TESTING PROGRAM PLAN

Ladies and Gentlemen:

Carolina Power and Light (CP&L) Company, now doing business as Progress Energy, submitted to NRC by letter dated May 10, 2012, its response to the May 4, 2012, NRC staff request for additional information (RAI). The RAI was discussed in a conference call on May 21, 2012, between H. B. Robinson Steam Electric Plant (HBRSEP) Unit No. 2 personnel and NRC staff involved in the review of these relief requests. As a result of that conference call, additional information was requested by letter dated May 24, 2012.

Progress Energy provided a response to the May 24, 2012 request for additional information in Attachment I to the letter submitted to the NRC dated June 4, 2012. On July 13, 2012, during a conference call, HBRSEP Unit No. 2 personnel and NRC staff discussed the usefulness of revising the response to RAI-5 to include nominal pump flow rate values for reference in assessing the adequacy of the acceptable range margins listed in the response.

Progress Energy is providing a revised response to RAI-5 of the May 24, 2012 request for additional information in Attachment I.

This letter contains no new Regulatory Commitments.

If you have any questions concerning this matter, please contact Mr. Richard Hightower, Supervisor – Licensing/Regulatory Programs at (843) 857-1329.

Sincerely,

Sharon A. Wheeler

Sharon A. Wheeler
Manager – Organizational Effectiveness – RNP

SAW/sjg
Attachment: Revised Response to Request for Additional Information (RAI-5)

c: Mr. V. M. McCree, NRC, Region II
Ms. A. T. Billoch-Colon, NRC Project Manager, NRR
NRC Resident Inspector, HBRSEP Unit No. 2

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NRR

United States Nuclear Regulatory Commission
Attachment I to Serial: RNP-RA/12-0079
2 Pages (including cover page)

REVISED RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION (RAI-5)

INSERVICE TESTING PROGRAM PLAN FOR THE FIFTH-TEN YEAR INTERVAL

REQUEST FOR ADDITIONAL INFORMATION
REGARDING H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT 2
INSERVICE TESTING PROGRAM PLAN FOR THE FIFTH-TEN YEAR INTERVAL
DOCKET NO. 50-261

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated March 16, 2012 [Agencywide Documents Access and Management System (ADAMS) Accession No. ML12086A067] Carolina Power & Light Company, doing business as Progress Energy submitted Relief Requests (RR)-1, RR-2, and RR-3 for the Inservice Testing Program (IST) Plan for the Fifth 10-Year Interval for the H. B. Robinson Steam Electric Plant (HBRSEP) Unit No. 2. By letter dated May 10, 2012 (ADAMS Accession No. ML 12138A041), Progress Energy submitted its response to the NRC's staff request for additional information (RAI), which was sent on May 4, 2012. On May 24, 2012, a second RAI was issued by NRC staff. By letter dated June 4, 2012 (ADAMS Accession No. ML12165A261) Progress Energy submitted its response to the NRC's staff RAI sent on May 24, 2012. HBRSEP Unit No. 2 personnel and NRC staff discussion of the response to RAI-5 on July 13 identified the appropriateness of including reference flow values for the purpose of assessing the adequacy of the acceptable range margins available for each pump. The following revised response to RAI-5 of the NRC staff's May 24, 2012 request for additional information is presented.

IST-RR-2: "Required Instrumentation Accuracy"

RAI-5:

Provide the amount of "Acceptable Range" margin currently available for each pump.

CP&L Response

The approximate currently available "Acceptable Range" margins are as follows:

SW Pump A	Approximately 399 gpm based on a nominal test flow of 7266 gpm
SW Pump B	Approximately 653 gpm based on a nominal test flow of 6885 gpm
CCW Pump A	Approximately 2317 gpm based on a nominal test flow of 5314 gpm
CCW Pump B	Approximately 2211 gpm based on a nominal test flow of 5269 gpm
CCW Pump C	Approximately 1168 gpm based on a nominal test flow of 5446 gpm
SI Pump A	Approximately 43 gpm based on a nominal test flow of 330 gpm
SI Pump B	Approximately 60 gpm based on a nominal test flow of 342 gpm
SI Pump C	Approximately 67 gpm based on a nominal test flow of 323 gpm