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SUBJECT: Forwards ltr dated 961122, in response to request for addl
 info re GL 95-07, "Pressure Lock & Thermal Binding of
 Safety-Related Power-Operated Gate Valves."

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Carolina Power & Light Company

Robinson Nuclear Plant
3581 West Entrance Road
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Robinson File No: 13510

Serial: RNP-RA/97-0040

FEB 19 1997

United States Nuclear Regulatory Commission

Attn: Document Control Desk

Washington, D.C. 20555-0001

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

DOCKET NO. 50-261/LICENSE NO. DPR-23

RESULTS OF THRUST REQUIREMENTS FOR PORV BLOCK VALVES

Gentlemen:

Carolina Power & Light (CP&L) Company's letter dated November 22, 1996, in response to a request for additional information regarding Generic Letter 95-07, "Pressure Locking And Thermal Binding Of Safety-Related Power-Operated Gate Valves," committed to completing an evaluation of the required thrust under pressure locking conditions for the Power Operated Relief Valve (PORV) Block Valves, RC-535 and RC-536, by January 20, 1997, and to inform you of the results within 30 days of completion of the final evaluation.

The evaluation has been completed. The thrust required under pressure locking conditions has been determined to be lower than the valve and actuator thrust limits. The evaluation was performed using the "PRESLOK" software program developed for the Westinghouse Owners Group, rather than the methodology of NUREG/CR-5807, "Improvements in Motor Operated Gate Valve Design and Prediction Model for Nuclear Power Plant Systems," as stated in the November 22, 1996, letter. PRESLOK is a refined methodology, based upon methodology developed by Commonwealth Edison, that has been accepted by the Westinghouse Owners Group for use in performing pressure locking calculations for gate valves. PRESLOK is considered by CP&L to be more accurate than the NUREG/CR-5807 methodology. The calculation is available for inspection at the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2.

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Questions regarding this matter may be referred to me at (803) 857-1437.

Very truly yours,



H. K. Chernoff

Supervisor - Licensing/Regulatory Programs

JSK/klb

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- Ms. B. L. Mozafari, USNRC Project Manager, HBRSEP
- Mr. B. B. Desai, USNRC Senior Resident Inspector, HBRSEP