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SUBJECT: Submits plant Rev 1 to COLR in support of Cycle 7 operations
per requirements of HNP TS 6.9.1.6.4.

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Harris Nuclear Plant

OCT 10 1995

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

Serial: HNP-95-089

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
CYCLE 7 CORE OPERATING LIMIT REPORT

Gentlemen:

Carolina Power and Light Company (CP&L) hereby submits the Harris Nuclear Plant (HNP) Core Operating Limits Report (COLR), Revision 1 in support of Cycle 7 operations, per the requirements of HNP Technical Specification 6.9.1.6.4. Changes relative to the Cycle 7 core load were made to the Moderator Temperature Coefficient Surveillance Limit, the Heat Flux Hot Channel Factor ($F_Q Z$) and the Boron Concentration value required to maintain adequate shutdown margin. Additionally, Figure 1 (Shutdown Margin versus RCS Boron Concentration) has been added to the Cycle 7 COLR per the NRC's approval of Amendment 59 to the HNP Operating License, and Figure 5 (V_z versus Core Height) has been revised to reflect the new Heat Flux Hot Channel Factor. These changes are indicated by revision bars in the right hand margin. If you have any questions regarding this submittal, please contact Mr. Tom D. Walt at (919) 362-2711.

Sincerely,

MV

Enclosure

c: Mr. S. D. Ebner
Mr. N. G. Le
Mr. S. A. Elrod

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