



Carolina Power & Light Company
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John S. Keenan
Vice President
Brunswick Nuclear Plant

NOV 17 1999

SERIAL: BSEP 99-0169
TSC 99TSB04

10 CFR 50.90

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1
DOCKET NO. 50-325/LICENSE NO. DPR-71
REQUEST FOR LICENSE AMENDMENT - REVISION OF MINIMUM CRITICAL POWER
RATIO SAFETY LIMIT VALUES

Gentlemen:

In accordance with the Code of Federal Regulations, Title 10, Parts 50.90 and 2.101, Carolina Power & Light (CP&L) Company requests a revision to the Technical Specifications for the Brunswick Steam Electric Plant (BSEP), Unit No. 1. The proposed license amendment revises the Minimum Critical Power Ratio (MCPR) Safety Limit values contained in Specification 2.1.1.2 from 1.09 to 1.10 for two recirculation loop operation and from 1.10 to 1.11 for single recirculation loop operation. The proposed license amendment also removes an expiring cycle-specific reference in the list of analytical methods approved for determining core operating limits in Specification 5.6.5.b. The basis for these changes is provided in Enclosure 1.

The proposed license amendment should not be issued until the end of the current Unit 1 operating cycle because the proposed changes do not apply to the fuel types and core configuration currently in use. Based on the planned outage schedule, CP&L requests issuance of the proposed license amendment on or after February 26, 2000, which is the start date for Refueling Outage 12. Based on the current Refueling Outage 12 work schedule, NRC approval of this proposed license amendment is needed no later than March 17, 2000. In order to allow time for procedure revisions and orderly incorporation into the Technical Specifications, CP&L requests that the proposed license amendment, once approved by the NRC, be issued with a requirement for implementation prior to startup for Unit 1 Cycle 13.

The GE document in Enclosure 2 provides a comparison of the Unit 1 Cycle 12 MCPR Safety Limits to the generic GE13 MCPR Safety Limits. Some of the information contained in the document is considered GE proprietary information and should be withheld from public disclosure in accordance with 10 CFR 9.17(a)(4) and 10 CFR 2.790(a)(4). An affidavit attesting to this fact

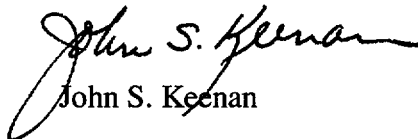
is provided in Enclosure 3. A non-proprietary version of the GE document is provided in Enclosure 4.

CP&L is providing, in accordance with 10 CFR 50.91(b), Mr. Mel Fry of the State of North Carolina a copy of the proposed license amendment.

Enclosure 9 to this submittal contains marked-up TS pages reflecting the proposed changes. Also included in Enclosure 9 is a mark-up of the associated TS Bases section. The TS Bases pages are provided for information only and are not intended for review and approval by the NRC.

Please refer any questions regarding this submittal to Mr. Keith R. Jury, Manager - Regulatory Affairs, at (910) 457-2783.

Sincerely,

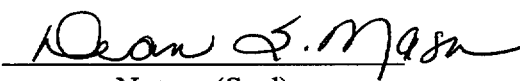

John S. Keenan

WRM/wrm

Enclosures:

1. Basis for Change Request
2. General Electric Nuclear Energy Document Entitled "Additional Information Regarding the Cycle Specific SLMCPR for Brunswick 1 Cycle 13" (**Proprietary Information**)
3. General Electric Nuclear Energy Affidavit Regarding Withholding from Public Disclosure
4. General Electric Nuclear Energy Document Entitled "Additional Information Regarding the Cycle Specific SLMCPR for Brunswick 1 Cycle 13" (**Non-Proprietary Version**)
5. 10 CFR 50.92 Evaluation
6. Environmental Considerations
7. Page Change Instructions
8. Typed Technical Specification Pages - Unit 1
9. Marked-up Technical Specification Pages - Unit 1

John S. Keenan, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, and agents of Carolina Power & Light Company.


Notary (Seal)

My commission expires: 8/29/04



cc (with enclosures):

U. S. Nuclear Regulatory Commission, Region II
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U. S. Nuclear Regulatory Commission
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U. S. Nuclear Regulatory Commission
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