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 FACIL:50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light 05000261
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 CUTTER,A.B. Carolina Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 VARGA,S.A. Operating Reactors Branch 1

SUBJECT: Application for amend to License DPR-23 clarifying previous changes submitted on 840723 re rev to Tech Specs concerning plans for operation during Cycle 10.

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Carolina Power & Light Company

SEP 07 1984

SERIAL: NLS-84-366

Director of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
CYCLE 10 OPERATION

Dear Mr. Varga:

SUMMARY AND BACKGROUND

By letter dated July 23, 1984, Carolina Power & Light Company (CP&L) provided the NRC with the plans for operation of the H. B. Robinson Steam Electric Plant Unit No. 2 (HBR2) during Cycle 10 and requested revisions to the HBR2 Technical Specifications (TS). Certain changes to the TS and bases are attached in order to clarify the previous changes submitted on July 23, 1984.

DISCUSSION

Pages 2.1-1 through 2.1-4 of the TS have been revised and are attached. Please replace pages 2.1-1 through 2.1-5 of our July 23, 1984 submittal with pages 2.1-1 through 2.1-4 from Attachment 2. The revision on page 2.1-1 (Specification 2.1.d) changes the "Reactor Coolant System (RCS) average temperature" to "Reactor Vessel inlet temperature" to be consistent with Figure 2.1-1. The remaining changes are in the basis and provide consistency with this figure and with current Exxon Nuclear Company methodologies. The figure itself has not been revised from our July 23, 1984 submittal.

Additionally, page 5.3-1 has been revised by withdrawing one of the changes requested previously by our July 23, 1984 submittal. The maximum enrichment of the fuel should remain 3.5 weight percent of U-235 as stated in the current TS. All of the appropriate analyses have not yet been evaluated and CP&L will not require the change to 3.9 weight percent for Cycle 10. Therefore, this change is being withdrawn, and the revised page is attached.

As a result of discussions with the NRC staff, additional clarifications to our July 23, 1984 submittal are attached, as requested by the NRC. Specifications 2.3.1.2.d.3 and 3.1.1.1.a.1 on pages 2.3-3 and 3.1-1, respectively, have minor revisions which clarify the specifications. Specification 3.1.1.1.c.2 (page 3.1-2) has been added as requested, and provides an additional requirement.

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Attachment 1 to this letter consists of revised TS pages with bars in the margin indicating the differences between this submittal and our letter of July 23, 1984. Attachment 2 consists of replacement pages for our July 23, 1984 submittal. All revisions from the current TS are indicated by a bar in the margin.

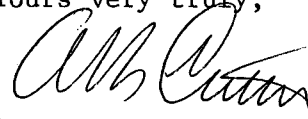
CONCLUSION

The change to Section 5 is the withdrawal of a previous request. The remaining changes are for consistency and clarification, with the exception of page 3.1-2, where an additional requirement is provided at the NRC's request. Carolina Power & Light Company believes that these additional revisions to the TS are minor since the analyses supporting the bases for the previous submittals and this submittal are not revised. Therefore, no additional safety analysis or significant hazards analysis is required since the original analyses of the safety and significant hazards did not change.

As stated in our previous submittals, criticality is scheduled for October 20, 1984, and we request your review and approval by then, with the exception of Section 5.3, as discussed in our letter of August 17, 1984. Section 5.3 is requested to be issued before fuel load which is scheduled for September 24, 1984.

If you have any further questions, please contact Mr. Sherwood R. Zimmerman at (919) 836-6242.

Yours very truly,



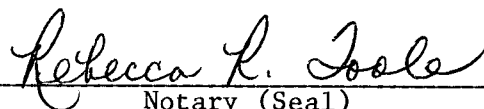
A. B. Cutter - Vice President
Nuclear Engineering & Licensing

ONH/ccc (4550NH)

Attachments

cc: Mr. J. P. O'Reilly (NRC-RII)
Mr. G. Requa (NRC)
NRC Resident Inspector (RNP)
Mr. Heyward G. Shealy (SC)
Attorney General (SC)

A. B. Cutter, 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, contractors, and agents of Carolina Power & Light Company.


Notary (Seal)

My commission expires:

My Commission Expires 6-8-86