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 AUTH. NAME: CUTTER, A. B. AUTHOR AFFILIATION: Carolina Power & Light Co.  
 RECIP. NAME: VARGA, S. A. RECIPIENT AFFILIATION: Operating Reactors Branch 1

SUBJECT: Responds to NRC 831122 request to update & clarify Cycle 10 operation plans & pressurized thermal shock info. Encl modifies 830822 & 1005 submittals.

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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 AND PRESSURIZED THERMAL SHOCK INFORMATION

Dear Mr. Varga:

On November 22, 1983, members of our staff met with you to discuss Carolina Power & Light Company's (CP&L) plans for Cycle 10 operation for H. B. Robinson. During that meeting you asked that the information provided in our letters of August 22, 1983 and October 5, 1983 be updated and clarified. The purpose of this letter is to provide that requested update and clarification.

Attached please find a modified enclosure from our August 22, 1983 letter. The enclosure has been modified to reflect CP&L's latest operational plan for H. B. Robinson Unit No. 2 (HBR2) and the documents submitted with our October 5, 1983 letter. Additionally, the enclosure reflects CP&L's letters of September 30 and November 7, 1983 concerning Pressurized Thermal Shock (PTS). Finally, a second enclosure is attached which provides the recommended disposition of several documents which have been provided to you with regard to both Cycle 10 operations and PTS.

We trust that the enclosed information meets your needs. If you have any additional questions on this information, please contact our staff.

Yours very truly,

A. B. Cutter

Vice President

Nuclear Engineering & Licensing

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PDR ADOCK 05000261  
P PDR

JJS/kjr (9004JJS)  
Enclosures

cc: Mr. J. P. O'Reilly (NRC-RII)  
Mr. G. Requa (NRC)  
Mr. Steve Weise (NRC-HBR)

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ENCLOSURE 1

Schedule for PTS Documents and Related Operational Activities

<u>Item</u>	<u>Date to be Supplied or Accomplished</u>	<u>Document or Action</u>	<u>NRC Action Required</u>	<u>Requested Date that NRC Complete Action</u>
1.	July 11, 1983 (Complete)	EXEM/PWR for FLECHT (Exxon Proprietary Document - XN-NF-82-20 (P) Revision 1, Supplement 1)	Review & Approve Generic Methodology	October, 1984
2.	July 25, 1983 (Complete)	XNB Addendum for 26 Inch Spacer (Exxon Proprietary Document - XN-NF-711(P) Rev. 0)	Review & Approve Generic Methodology	October, 1984
3.	September 30, 1983 (Complete)	PLSA* Transport Calculation Report (CP&L letter LAP-83-439)	Review & Concur with Conclusions	January 15, 1984 (needed to support ASLB Hearings)
4.	October 5, 1983 (Complete)	Cycle 10 Reload Analysis and Mechanical Design Report (see enclosure 2) (CP&L letter LAP-83-446)		March 1, 1984 (needed for startup)
5.	November 7, 1983 (Complete)	PTS Risk Study (CP&L letter LAP-83-511)	For Information Only	N/A
6.	Approximately March, 1984 through April, 1984	Conduct Cycle 10 Reload (includes loading PLSAs)	N/A	N/A

\*PLSA - Partial Length Shielded Assembly

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(Enclosure 1 cont'd)

<u>Item</u>	<u>Date to be Supplied or Accomplished</u>	<u>Document or Action</u>	<u>NRC Action Required</u>	<u>Requested Date that NRC Complete Action</u>
7.	~ July, 1984	Shutdown for Steam Generator Replacement	N/A	N/A
8.	November 1, 1984	Submit Supplement 1 to Cycle 10 Reload Analysis (Return to full power & Technical Specification changes to increase $F_Q$ and FAH ) - Note: Requires Approval of Item 1 and 2.	Review & Approve Analysis. Issue required Technical Specifications.	March 15, 1985 (needed for startup)

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ENCLOSURE 2

Disposition of Documents Supplied by CP&L October 5, 1983

<u>Document</u>	<u>NRC Action Required</u>	<u>Requested Date that NRC Complete Action</u>
1. XN-NF-83-72, "H. B. Robinson Unit 2, Cycle 10 Safety Analysis Report," September 1, 1983.	For Information Only	N/A
2. XN-NF-83-72, "H. B. Robinson Unit 2, Cycle 10 Safety Analysis Report," Supplement 1, September 14, 1983.	For Information Only	N/A
3. XN-NF-82-18(P) Supplement 2, "ECCS and Plant Transient Analyses for H. B. Robinson Unit 2 Reactor Operating at Reduced Primary Temperature Supplement 2 Analyses for 30 Percent Steam Generator Tube Plugging," September 1, 1983.	For Information Only	N/A
4. XN-NF-83-55, "Mechanical Design Report Supplement for Extended Burnup Fuel Assemblies," Revision 0, August 1983.	For Information Only	N/A
5. XN-NF-83-71, "Mechanical Design Report Supplement for H. B. Robinson Part Length Shielding Assemblies," Revision 0, September 1983.	Review & Concur with Conclusions (PTS Document)	March 30, 1984
6. Justification for the ENC model used for the H. B. Robinson Unit 2 Steam Line Break Analysis for Low Temperature Operation.	Review & Approve (Required by Cycle 9 license condition)	March 30, 1984

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