

July 19, 2000

MEMORANDUM TO: Richard P. Correia, Chief, Section 2
Project Directorate II
Division of Licensing Project Management

FROM: Ram Subbaratnam, Project Manager, Section 2 */RA/*
Project Directorate II
Division of Licensing Project Management

SUBJECT: SUMMARY OF MEETING WITH CAROLINA PWER & LIGHT (CP&L)
STAFF ON THE ULTIMATE HEAT SINK (UHS) TECHNICAL
SPECIFICATION (TS) CHANGE (TAC NO. MA9303)

Attached is the summary of the meeting held on July 13, 2000, at the U.S. Nuclear Regulatory Commission offices at 11555 Rockville Pike, Rockville, Maryland, with representatives from CP&L's H. B. Robinson Steam Electric Plant, Unit 2, to discuss the UHS TS change submittal.

Attachment: Meeting Summary w/Enclosures

LICENSEE: Carolina Power & Light Company (CP&L)

FACILITIES: H. B. Robinson Steam Electric Plant, Unit 2 (HBRSEP2)

SUBJECT: SUMMARY OF CP&L WORKING LEVEL MEETING ON TECHNICAL SPECIFICATION (TS) AMENDMENT SUBMITTAL OF JUNE 5, 2000, ON ULTIMATE HEAT SINK (UHS) AT HBRSEP2

A meeting with CP&L was conducted on July 13, 2000, at the U.S. Nuclear Regulatory Commission (NRC) offices at 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was for the licensee to discuss the UHS TS amendment request submittal of June 5, 2000, on continued operation of their UHS and a revision of TS 3.7.8 to change the Required Actions and Completion Times for the UHS in the event the service water (SW) temperature exceeds the 97°F surveillance acceptance limit. The meeting attendees are listed in Enclosure 1.

I. June 5, 2000, submittal on the UHS Temperature:

This was a working level meeting to discuss issues that the staff raised on this submittal. After the discussions, it was agreed that the licensee will revise the June 5, 2000, submittal to provide a revision of the requested action time from 8 hours to 1 hour, and to identify affected system parameters and administrative procedures that will enable system operators to verify cooling capacity of the affected system within an hour after exceeding the permissible SW input temperature of 97°F. The licensee's presentation material -- a sensitivity analysis on the limits of operations of their Emergency Diesel Generator as a function of different generator loads and tube plugging scenarios -- was discussed (see Enclosure 2). The licensee agreed to provide a formal response to all of the staff's questions, which will be treated as a supplement to the original submittal of June 5, 2000.

II. Realistic Best Estimate Large Break Loss-of-Coolant Accident (LBLOCA)

The latest status of the vendor (Siemens Power Corporation (SPC)) model and work-in-progress on Realistic Best Estimate LBLOCA methodology as it applies at HBRSEP2 was also briefly discussed. The purpose of this discussion was to provide the NRC with information relating to CP&L-identified errors and changes in the application of the SPC LBLOCA analysis of record at HBRSEP2. The errors relate to the specific modeling of safety injection flow to the reactor coolant loops and injections from the accumulators. CP&L discussed how it planned to report these issues in accordance with 10 CFR 50.46. CP&L stated that the errors and changes should be assessed with the analysis of record rather than with the newly approved SPC LBLOCA methodology, which has not yet been incorporated into the TS. The NRC indicated that this approach would be appropriate and acceptable.

/RA/

Ram Subbaratnam, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-261

Enclosures:

1. List of attendees
2. Licensee handout

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R. Subbaratnam

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cc: Licensee & Service List

E-MAIL

J. Zwolinski/S. Black

H. Berkow

R. Correia

E. Dunnington

B. Bonser

G. Hubbard

R. Caruso

J. Tatum

J. Knox

C. Harbuck

ATTENDEE LIST FOR THE MEETING OF July 13, 2000

<u>NAME</u>	<u>ORGANIZATION</u>
George Hubbard	NRC/SPLB/NRR
Herbert Berkow	NRC/DLPM/NRR
Ram Subbaratnam	NRC/DLPM/NRR
Craig Harbuck	NRC/DRIP/NRR
James Tatum	NRC/SPLB/NRR
Ralph Caruso	NRC/SRXB/DSSA
Harold Chernoff	CP&L/RNP
Albert Garrou	CP&L/RNP
Leo Martin	CP&L/RNP