

April 11, 2003

MEMORANDUM TO: Allen G. Howe, Chief, Section 2  
Project Directorate II  
Division of Licensing Project Management

FROM: Brenda L. Mozafari, Senior Project Manager, Section 2 /RA/  
Project Directorate II  
Division of Licensing Project Management

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 AND 2 — SUMMARY  
OF CONFERENCE CALL WITH CAROLINA POWER & LIGHT  
COMPANY REGARDING BRUNSWICK SPRINKLER HEADS UNDER  
HEAT COLLECTORS IN THE CABLE SPREADING ROOMS (TAC NOS.  
MB7323 AND MB7324)

On April 4, 2003, the Nuclear Regulatory Commission (NRC) staff participated in a conference call with Carolina Power & Light Company (the licensee, a Progress Energy Company). The purpose of the conference call was to clarify the NRC's regulatory position on the licensee's planned modifications to the sprinkler heads under the heat collectors in the cable spreading rooms (CSR) at Brunswick Steam Electric Plant, Units 1 and 2 (BSEP). The NRC staff in general terms discussed examples of design and administrative options the licensee could take to address transient combustible fires in the Unit 1 and Unit 2 CSR to ensure compliance with Section III.G.3, Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix R.

The NRC staff agreed that the licensee would meet its current licensing basis, if the licensee were to designate an area for the location of transient combustibles in the room in such a manner that a fire in those combustibles would cause the fixed suppression system to actuate. The licensee has a wide range of design options that are entirely the licensee's choice and purview. Headquarters fire protection staff is available for technical consultation per GL 86-10 and 10 CFR 2.101. In connection with this activity, it would seem appropriate that the licensee's administrative controls address the quantity of transient combustibles in the room, the use of a fire watch on occasions when the transient combustibles could not be located within the designated area, and the frequency that the location and quantity of transient combustibles are verified.

With respect to the BSEP Updated Final Safety Analysis Report (UFSAR), the NRC staff suggested that if the licensee wishes to amend the UFSAR to change the word "extinguish" to "control," that would meet the fire protection license condition because a sprinkler system does not necessarily extinguish a fire but controls the fire. Such a change in wording would not adversely affect BSEP's ability to achieve safe shutdown.

The NRC staff and the licensee were satisfied with the information exchanged in the telephone conference. This teleconference summary will be placed in the docket file as a public document.

NRC participants:

P. Fredrickson  
A. Howe  
B. Mozafari  
P. Lain  
E. Weiss

Licensee participants:

L. Beller  
W. Murray  
R. Sims  
J. Frisco  
D. Hines

Docket Nos. 50-325 and 50-324

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