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SUBJECT: Provides response to NRC Bulletin 93-002, "Debris Plugging of Emergency Core Cooling Suction Strainers."

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Carolina Power & Light Company

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JUN 10 1993

H. W. HABERMEYER, JR.
Vice President
Nuclear Services Department

SERIAL: NLS-93-148

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
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DOCKET NO. 50-400/LICENSE NO. NPF-63

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62

RESPONSE TO NRC BULLETIN NO. 93-02, "DEBRIS PLUGGING OF
EMERGENCY CORE COOLING SUCTION STRAINERS"

Gentlemen:

The purpose of this letter is to provide Carolina Power & Light Company's (CP&L) response to NRC Bulletin No. 93-02 for the H. B. Robinson Steam Electric Plant, Unit No. 2 (HBR2), the Shearon Harris Nuclear Power Plant (SHNPP), and the Brunswick Steam Electric Plant, Unit Nos. 1 and 2 (BSEP).

On May 11, 1993, the NRC issued Bulletin No. 93-02, "Debris Plugging of Emergency Core Cooling Suction Strainers." The Bulletin requested that all holders of operating licenses for nuclear power reactors take the following actions:

"Identify fibrous air filters or other temporary sources of fibrous material, not designed to withstand a LOCA, which are installed or stored in your primary containment. Take any immediate compensatory measures which may be required to assure the functional capability of the ECCS. Take prompt action to remove any such material. Because of the low probability of a LOCA event, the staff considers removal of this material at the next shutdown, or within 120 days, whichever comes first, to be sufficiently prompt. If the facility is currently in a shutdown, you are requested to remove such material prior to restart."

In addition, "all action addressees are required to submit the following written reports:

1. Within 30 days of the date of this Bulletin, a written response stating whether the actions requested above have been or will be performed. If the use of such material is identified, this written response shall also include the locations and quantity of use, any immediate compensatory measures taken, and the current schedule for removal of the material.
2. Within 30 days of completion of the requested actions, a report confirming completion.

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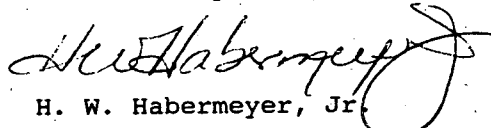
3. If an addressee proposes not to take the actions requested in this Bulletin, provide to the NRC staff, within 30 days of the date of this Bulletin, your proposed alternative course of action and a justification for any deviations from the requested actions."

Carolina Power & Light Company has completed the actions requested in NRC Bulletin No. 93-02 for SHNPP and BSEP. Fibrous air filters or other temporary fibrous materials not designed to withstand the effects of a LOCA are not installed or stored inside containment in a manner that would be impacted by a LOCA during power operations. Primary containment is walked down prior to closure following major outages. This walkdown is performed to ensure non-designed equipment/materials are removed or stored in a safe manner. Recent walkdowns at SHNPP and BSEP2 have confirmed the effectiveness of our containment closure process.

Carolina Power & Light Company has identified a potential source of loose fibrous filters in the containment vessel air handling units at HBR2. The filters are mounted external to the units and could potentially be impacted under certain LOCA conditions. These units are located on the third floor, and the filters comprise approximately 896 square feet of surface area. Because the capability of this material to migrate to the sump is deemed highly unlikely, HBR2 proposes to verify the adequacy of the existing design under the postulated conditions and secure these filters if necessary. This would be completed prior to startup from Refueling Outage 15, currently scheduled to begin on September 8, 1993. A follow-up report will be submitted within 30 days of completing the design adequacy study.

Should you have any questions regarding this matter, please contact Mr. R. W. Prunty at (919) 546-7318.

Yours very truly,


H. W. Habermeyer, Jr.

DBB/jbw

cc: Mr. S. D. Ebnetter
Mr. N. B. Le
Mr. P. D. Milano
Ms. B. L. Mozafari
Mr. W. T. Orders
Mr. R. L. Prevatte
Mr. J. E. Tedrow

H. W. Habermeyer, Jr., 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.

Eleanor C. Chappell
Notary (Seal)

My commission expires: 2/6/96

