



Carolina Power & Light Company

October 31, 1979

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Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N.W.
Atlanta, GA 30303

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
RESPONSE TO IE BULLETIN 79-24, FROZEN LINES

Dear Mr. O'Reilly:

The following is the response to IE Bulletin 79-24 as requested in your letter dated September 27, 1979.

A review has been conducted at H.B. Robinson Unit No. 2 to assure that safety related process, instrument, and sampling lines would not freeze during extremely cold weather. As a result of that review, Carolina Power & Light Company remains confident that there are no items of concern in this area.

Specifically, the large majority of safety-related process, instrument, and sampling lines are located inside the Reactor Auxiliary Building, Fuel Building, and the Reactor Containment Vessel. The temperatures in these areas never decrease to 32°F (freezing) since they are heated in periods of cold weather. However, there are portions of some safety-related piping systems, the majority of which are sample and instrument lines, which are located outside the buildings and could be subject to the effect of direct exposure to ambient weather. Those portions of safety-related systems located outside the buildings were inspected and verified to be protected via a combination of electric heat tracing and insulation, and in some cases heated and insulated enclosures. Protective heating applied to metal surfaces covered with thermal insulation at H.B. Robinson Unit No. 2 was designed and installed to maintain a minimum of 35°F at the inner surface of the thermal insulation.

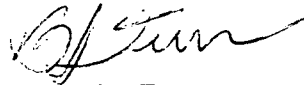
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In summary, Carolina Power & Light Company is confident that as a result of the review of installed freeze protection equipment coupled with a temperate climate, adequate protective measures are in effect at H.B. Robinson Unit No. 2 to preclude freezing of safety-related process, instrument, and sampling lines during extremely cold weather. Therefore, no further action is planned regarding this matter.

Very truly yours,



B. J. Furr
Vice President - Generation

FB/CSB/jnh*

cc: Mr. V. Stello