

CP&L

Carolina Power & Light Company

October 25, 1979

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FILE: NG-3513(R)

SERIAL: GD-79-2664

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

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

Dear Mr. O'Reilly:

In response to IE Bulletin 79-23, the following information is provided relative to H. B. Robinson Unit No. 2. The following responses are numbered corresponding to the action paragraphs of IE Bulletin 79-23.

- (1) The H. B. Robinson Emergency Diesel Generators (EDG) do not use grounds on the primary windings of any transformers involved in supplying potential or current sources to the generator exciters. Also, the generator winding neutral of the Robinson EDG are grounded through a grounding transformer winding. This not only provides limitations on the flow of circulating currents, but also allows a generator alarm feature without damage to the generator winding.
- (2) An operations test of the EDG will be performed during the 1980 refueling outage for a duration of 24 hours at a load equivalent to the continuous rating of the diesel generators. The unit technical specifications do not permit loading the EDG's above the continuous rating; and, therefore, we cannot test at the two-hour rated load. The test, as proposed, will verify that voltage and frequency requirements are maintained and that the cooling systems function within design limits.

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The actions as described above are believed adequate to respond to the concerns of the Bulletin.

Yours very truly,

Original Signed By
HAROLD R. BANKS

B. J. Furr
Vice President - Generation

RMP/CSB/jmb*

cc: Mr. V. Stello