



Carolina Power & Light Company

SERIAL: LAP-83-281

JUN 24 1983

Director of Nuclear Reactor Regulation
Attention: Mr. D. B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NO. 50-325
LICENSE NO. DPR-71
IE BULLETIN 83-02
RCS LEAK DETECTION

Dear Mr. Vassallo:

As requested during several conversations with members of your staff, Carolina Power & Light Company (CP&L) agreed to prepare and submit a letter committing to conduct certain actions relative to IE Bulletin 82-03 (dated March 4, 1983) prior to startup of Brunswick Steam Electric Plant Unit No. 1 (BSEP-1). Accordingly, CP&L commits to implement additional monitoring and more restrictive limits on unidentified leakage consistent with NUREG-0313, Revision 1, as listed below:

- (1) Reactor Coolant System leakage shall be demonstrated to be within the limits of Technical Specification 3.4.3.2 and item (2) below by monitoring the drywell drain sump flow rates at least once per 4 hours.
- (2) Increases in unidentified leakage shall not exceed a 2 gallon per minute increase within any 24 hour period following the first 24 hours that the reactor is in operational condition one (1).
- (3) Technical Specification 3.4.3.1 requires the primary containment atmospheric particulate radioactivity monitoring system to be operable in operational conditions 1, 2, or 3. With the primary containment atmospheric particulate radioactivity monitoring system inoperable, grab samples of the containment atmosphere shall be obtained and analyzed at least once per 8 hours.

8306280489 830624
PDR ADOCK 05000325
Q PDR

AP47
1/0

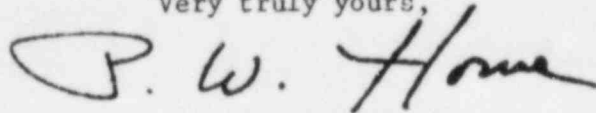
Mr. D. B. Vassallo

-2-

In addition, CP&L commits to submit our plans for inspection and/or modification of the recirculation and other reactor coolant pressure boundary piping systems for the next refueling outage of BSEP-1. These plans will be submitted to the NRC for review at least three (3) months prior to the start of the next scheduled refueling outage.

Should you have any questions regarding this issue, please do not hesitate to call our staff.

Very truly yours,

A handwritten signature in dark ink, appearing to read "P. W. Howe". The signature is fluid and cursive, with a large, stylized "H" and "W".

P. W. Howe
Vice President
Brunswick Nuclear Project

JSD/tda (7222JSD)

cc: Mr. D. O. Myers (NRC-BSEP)
Mr. J. P. O'Reilly (NRC-R11)
Mr. S. D. MacKay (NRC)