



Carolina Power & Light Company

SERIAL: NLS-84-042

FEB 06 1984

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

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

Dear Mr. Vassallo:

By letter dated November 16, 1982, Carolina Power & Light Company (CP&L) provided supplemental information regarding Control of Heavy Loads at Brunswick Steam Electric Plant (BSEP) Unit Nos. 1 and 2. Brunswick's response to Section 2.1(3)e read in part, "The crane inspection, testing, and maintenance program at BSEP is in conformance with ANSI-B.30.2-1976, Chapter 2-2 and the Occupational Safety and Health Standards, Section 179, 29CFR, Part 1910."

The purpose of this letter is to inform you that CP&L intends to take an exception to ANSI-B30.2-1976, Overhead and Gantry Cranes, Section 2-2.2.2.b(3) Rated Load Test. The above referenced code requirement states:

- b. The rated load test, if made, shall consist of the following operations as a minimum requirement.
3. Transport the test load by means of the bridge for the full length of the runway in one direction with the trolley as close to the extreme right-hand of the crane as practical and in the other direction with the trolley as close to the left-hand end of the crane as practical.

After extensive repair of a crane, compliance with Requirement b(3) above would, in some cases, require lifting loads in excess of 200 tons and transporting these loads over vital pieces of equipment. A specific example would be the lifting of a large tonnage test load by the Turbine Building overhead cranes and then passing this test load over both BSEP turbines.

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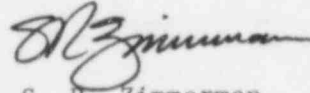
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From an equipment availability standpoint and as a personnel safety hazard, CP&L believes that the requirements of b(3) above are unnecessary and too stringent.

Therefore, in order to meet the intent of ANSI-B30.2-1976, Section 2-2.2.2.b(3), CP&L proposes that bridge travel along the runway will be specified as "a measurable distance which is practical to demonstrate crane operability under load."

Carolina Power & Light Company will be completing repairs to the crane system in the near future. Hence, should you find the above proposed alternative unacceptable please inform a member of our licensing staff prior to start of the March 1984 Unit 2 outage.

Yours very truly,



S. R. Zimmerman
Manager

Nuclear Licensing Section

PPC/lcv (9384PPC)

cc: Mr. D. O. Myers (NRC-BSEP)
Mr. J. P. O'Reilly (NRC-RII)
Mr. M. Grotenhuis (NRC)