



Carolina Power & Light Company

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429

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January 5, 1983

FILE: B09-13510C
SERIAL: BSEP/83-004

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-324 AND 50-325
LICENSE NOS. DPR-62 AND DPR-71
RESPONSE TO INFRACTIONS OF NRC REQUIREMENTS

Dear Mr. O'Reilly:

The Brunswick Steam Electric Plant (BSEP) has received IE Inspection Report 50-324/82-42 and 50-325/82-42 and finds that it does not contain any information of a proprietary nature.

The report identified one item that appears to be in noncompliance with NRC requirements. This item and Carolina Power & Light Company's response are addressed in the following text:

Violation (Severity Level IV)

10CFR30.41(a) forbids a licensee to transfer its by-product material except under certain specified conditions.

Contrary to the above, the licensee transferred radioactive waste containing by-product material under conditions other than those specified. Specifically, the licensee consigned for land burial five 55-gallon drums of low specific activity radioactive waste, each containing several gallons of liquid to a person (Chem-Nuclear Systems, Inc., Barnwell, South Carolina) whose license (South Carolina License No. 097) did not authorize him to accept liquid waste for burial.

Carolina Power & Light Company's Response:

Carolina Power & Light Company acknowledges that the shipping of five 55-gallon drums of low specific activity radioactive waste containing liquid violated NRC requirements. The transfer resulted from the misunderstanding of verbal instructions (wet cement was poured on top of the resin rather than mixing dry cement with the resin), failure of contractor waste inspection

Mr. James P. O'Reilly

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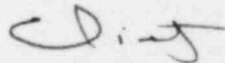
personnel to inspect all waste containers, and inadequate supervision of waste packaging by CP&L personnel.

To correct the problem of shipping containers with excess moisture and to help prevent future such events, the following actions have been performed:

- A. All waste shipments were voluntarily suspended until all prepared waste on the Brunswick site could be reinspected for excess moisture.
- B. Contract waste shipment personnel received retraining on radwaste shipment procedures with emphasis on moisture limitations.
- C. Disciplinary actions were initiated against the lead person responsible for waste inspections.
- D. Two additional radiation control technicians were assigned to waste shipping to perform routine inspections of waste during the packaging process for both routine and nonroutine waste shipments.
- E. A Radiation Control Foreman has been assigned exclusively to radwaste shipping.

Carolina Power & Light Company is confident that actions taken described above will prevent future recurrences of this type event.

Very truly yours,



C. R. Dietz, General Manager
Brunswick Steam Electric Plant

RMP/jo/LETJ03

Enclosure

cc: Mr. R. C. DeYoung