

**CP&L** ON II  
ATLANTA, GEORGIA  
Carolina Power & Light Company

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

October 4, 1984

FILE: B10-13510E  
SERIAL: BSEP/84-2098

Mr. James P. O'Reilly, Administrator  
U.S. Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street, NW  
Atlanta, GA 30323

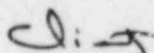
BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 AND 2  
DOCKET NOS. 50-325 AND 50-324  
LICENSE NOS. DPR-71 AND DPR-62  
RESPONSE TO INFRACTIONS OF NRC REQUIREMENTS

Dear Mr. O'Reilly:

The Brunswick Steam Electric Plant (BSEP) has received I&E Inspection Report 50-325/84-17 and 50-324/84-17 and finds that it does not contain information of a proprietary nature.

This report identified two items that appeared to be in noncompliance with NRC requirements. Enclosed please find Carolina Power & Light Company's response to the two violations.

Very truly yours,

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

TEC/sdl/LETSDL

Enclosure

cc: Mr. R. C. DeYoung  
NRC Document Control Desk

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## Violation 1

10CFR50.54(q) requires a licensee to follow and maintain in effect emergency plans which meet the requirements of Appendix E to 10CFR, Part 50 and the planning standards of 50.47(b).

Section (b)(10) of 10CFR50.47 requires that the licensee's emergency plans include a range of protective actions, consistent with Federal guidance, for the plume exposure pathway EPZ for emergency workers and the public. The Federal guidance on protective actions to be recommended to off-site officials is found in Appendix 1 of NUREG-0654/FEMA-REP-1, revision 1, entitled "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants." This guidance is clarified by IE Information Notice No. 83-28, "Criteria for Protective Action Recommendations for General Emergencies."

Contrary to the above, the licensee's implementing procedures do not unambiguously direct the Site Emergency Coordinator to promptly provide off-site authorities with an appropriate protective action recommendation (at minimum, shelter two miles radially and five miles downwind) upon declaration of a General Emergency.

This is a Severity Level IV violation (Supplement VIII) and is applicable to both units.

## Response

### 1. Admission or Denial of the Alleged Violation

Carolina Power & Light (CP&L) Company agrees the violation occurred as stated.

### 2. Reason(s) for the violation.

PEP-2.5 "Emergency Control - General Emergency" was written with the intent that it complied with Federal guidelines in NUREG-0654, revision 1, and IE Information Notice No. 83-28. Training for the Site Emergency Coordinator in the TSC and Emergency Response Manager in the EOF was extensively performed during weekly drills prior to the May 8, 1984, Annual Emergency Exercise. This training stressed the need for promptly recommending protective actions to off-site authorities in accordance with the recommendations in PEP-2.5. During the May 8, 1984, Emergency Exercise, the Site Emergency Coordinator and Emergency Response Manager made appropriate Protection Action Recommendations based on the conditions of the scenario (reference Report Nos. 50-324/84-11 and 50-325/84-11, May 30, 1984).

In the written critique by CP&L of the May 8, 1984, Annual Emergency Exercise, the CP&L evaluator in the EOF recommended, "Review PEP-2.5 to ensure that it meets the guidance contained in NUREG-0654, revision 1, Appendix 1, pp 1-17 and 1-18 and in IE Notice No. 83-28 related to off-site Protective Action Recommendations." This recommendation was

part of the memorandum dated July 9, 1984, from Mr. R. G. Black to Mr. C. R. Dietz referenced in the inspection report (Nos. 50-325/84-17 and 50-324/ 84-17). The recommendation went beyond just loss of physical control of the facility to armed intruders. The July 9, 1984, memorandum, Mr. Black to Mr. Dietz, was received at BSEP on July 11, 1984, so there was not sufficient time to review and revise PEP-2.5 prior to the inspection of July 9-13, 1984.

3. Corrective Actions Taken and the Results Achieved

A review of PEP-2.5, "Emergency Control - General Emergency" has been performed to ensure that it meets the guidance contained in NUREG-0654, revision 1, Appendix 1, pp 1-17 and 1-18 and in IE Notice No. 83-28 related to off-site Protective Action Recommendations.

PEP-2.5 was revised and approved on September 26, 1984, to unambiguously direct the Site Emergency Coordinator to promptly provide off-site authorities with an appropriate Protective Action Recommendation (at a minimum shelter two miles radially and five miles downwind) upon declaration of a General Emergency.

4. Corrective Action to be Taken to Avoid Recurrence

The revised procedure will be sent for review to those individuals who may serve as Site Emergency Coordinator, with an instructional memorandum that calls specific attention to the Protective Action Recommendations that must be made. Increased training for Operations personnel will be scheduled during their periodic Real Time Training in the fourth quarter of 1984.

5. Date for Full Compliance

- a. Full compliance relative to this violation has been achieved.
- b. The training for Operations personnel who might assume the role of Site Emergency Coordinator will be completed by December 31, 1984.

Violation 2

10CFR50.54(q) requires a licensee to follow and maintain in effect emergency plans which meet certain planning standards and criteria. Section 6.2.3 of the licensee's Emergency Response Plan specifies that agreements with off-site support organizations are to be reviewed and updated at least every two years.

Contrary to the above, separate agreements (contained in Appendix B to the Emergency Response Plan) with four off-site support organizations were found to be more than two years old.

This is a Severity Level V violation (Supplement VIII) and is applicable to both units.

## Response

### 1. Admission or Denial of the Violation

CP&L agrees that the violation occurred as stated. However, our review indicates that it appears to meet the requirement of 10CFR, Part 2, Appendix C, Section IV for a licensee identified violation. The Commission has expressed concern that the requirement to correct the violation, "including measures to prevent recurrence within a reasonable time" was not met in that the action to prevent recurrence was not completed prior to the inspection. This fact is acknowledged, but considering also that the action to prevent recurrence was completed on August 23, 1984, which was 11 months prior to the date on which another off-site agreement could have become outdated, it appears that the test of "within a reasonable time" was met.

CP&L acknowledges the events as described herein but respectfully requests the NRC to reconsider this matter for reclassification to a licensee identified deviation to the Emergency Plan.

### 2. Reason(s) for Violation

The events that led to this situation are as follows:

- a. In preparation for the May 8, 1984, Emergency Exercise, the Director - Administrative Support identified four agreement letters in Appendix B to the Emergency Response Plan to be out of date. This item was brought to the attention of the Senior Specialist - Emergency Preparedness.
- b. Evaluation of the four letters indicated the following status:
  - Military Ocean Terminal at Sunny Point and City of Southport agreement letters both state: "Service under this agreement may be terminated by either party by serving written notice to the other, at least thirty days prior to effective date of termination." Neither party had served such notice. Additionally the City of Southport Fire Department had responded to a fire response by CP&L on June 6, 1984, indicating the agreement is still in effect.
  - The agreement with North Carolina Memorial Hospital was to be deleted since an agreement with New Hanover Memorial Hospital is currently being pursued. New Hanover Memorial Hospital is equipped to accommodate injured contaminated victims and hospital representatives stated they would do so if the primary hospital, J. A. Doshier Memorial, could not care for the injured individual. A formal letter of agreement with New Hanover County Hospital is being prepared.

The Department of Energy will respond to requests from licensees involved in an incident believed to involve source, by-product, or special nuclear material as defined by the Atomic Energy Act of 1954 as amended.

- c. Based on the above, CP&L felt that the letters with the Military Ocean Terminal, Sunny Point, City of Southport, and Department of Energy were ongoing agreements but realized a letter stating the agreements are still in effect should be included in the appendix to the plan.
- d. Letters were prepared for plant management's approval requesting reaffirming the current agreements and signed on May 30, 1984. The letter to the DOE was mailed while the letters to Sunny Point and Southport were to be hand carried to explain the reasoning for the letters. When a meeting was requested with Sunny Point's Facilities Engineer and Fire Marshall, Mr. R. A. Jones informed BSEP's Senior Specialist - Emergency Preparedness that a new letter was being formulated by the Department of the Army and should be available for review in approximately 30 days. Before a meeting could be arranged with the City of Southport Town Manager, the NRC inspection took place.

3. Corrective Actions Taken and the Results Achieved

Letters with off-site agencies have been updated with the exception of North Carolina Memorial Hospital. A verbal agreement with New Hanover Memorial Hospital's Assistant Director of Operations has occurred, with a written agreement to follow shortly.

4. Corrective Actions to be Taken to Prevent Recurrence

In addition to an annual review of the Emergency Plan by the Plant Nuclear Safety Committee (PNSC), the agreement letters have been added to the PNSC Action Item List and the Administrative Support Action Item Listing on an annual basis to ensure they are maintained current.

5. Date for Full Compliance

Full compliance will be achieved by November 31, 1984, or when written agreement with New Hanover Memorial Hospital is executed.