



Carolina Power & Light Company

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United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
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
EMERGENCY PREPAREDNESS EXERCISE OBJECTIVES

Gentlemen:

Carolina Power & Light Company (CP&L) hereby submits the scope and objectives of the forthcoming Brunswick Steam Electric Plant (BSEP) Annual Emergency Preparedness Exercise. The exercise is currently scheduled to commence on April 23, 1991. A complete exercise scenario with controller information and simulation data will be submitted no later than 45 days prior to the start of the exercise.

Please refer any questions regarding this submittal to Mr. M. R. Oates at (919) 546-6063.

Yours very truly,

S. D. Floyd
Manager
Nuclear Licensing Section

DJK/jbw (981BNP)

Enclosure

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ENCLOSURE

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
NRC DOCKETS 50-325 AND 50-324
OPERATING LICENSES DPR-71 AND DPR-62
EMERGENCY PREPAREDNESS EXERCISE OBJECTIVES

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT EMERGENCY EXERCISE
APRIL 23, 1991

I. MISSION AND PURPOSE OF EXERCISE

To activate and evaluate major portions of emergency response capabilities and other elements of the CP&L Brunswick Steam Electric Plant Plan, associated implementing procedures, and the CP&L Corporate Emergency Plans in accordance with Nuclear Regulatory Commission (NRC) Regulation 10CFR50.47(b).

II. SCOPE AND OBJECTIVES

A. Scope

A simulated accident at the Brunswick Steam Electric Plant (BSEP) which could escalate to a general emergency and will involve planned response and recovery actions to include: emergency classification; notification of off-site organizations and plant personnel; actions to correct the emergency conditions; and initiation of accident assessment and protective actions as necessary to cope with the accident. The exercise will simulate an emergency which requires response by state and local government personnel (state and county participation will be simulated).

B. Objectives

The 1991 Brunswick emergency Preparedness Exercise will provide an opportunity for emergency response personnel to:

1. Demonstrate the capability of on-site personnel to effectively utilize the emergency action level scheme.
2. Demonstrate the adequacy of the control room staff in control and accident mitigation activities along with accident assessment.

3. Demonstrate the adequacy of procedures for alerting, notifying, and mobilizing emergency response personnel (some individuals will be pre-staged within the local area).
4. Demonstrate that communications capabilities exist to accomplish notification of off-site agencies.
5. Demonstrate the capability to notify off-site authorities within 15 minutes of the emergency classification.
6. Demonstrate the adequacy of the information provided in the initial notification, as well as follow-up notification to the state and counties.
7. Demonstrate the ability to make follow-up notifications to the off-site agencies within 60 minutes of the completion of the previous notification.
8. Demonstrate the capability of personnel to activate the Technical Support Center, Operations Support Center, and Emergency Operations Facility as described in the emergency plan and procedures.
9. Demonstrate the transfer of responsibility between emergency response facilities as described in the plan and procedures.
10. Demonstrate the capability to communicate between emergency response facilities.
11. Demonstrate the adequacy of the Operations Support Center in providing manpower support and coordination.
12. Demonstrate the adequacy of the Technical Support Center in providing accident assessment and mitigation, dose assessment, and communication/notification activities.
13. Demonstrate the adequacy of the Emergency Operations Facility in coordinating off-site utility activities.

14. Demonstrate record keeping requirements as described in the plan and procedures.
15. Demonstrate that status boards are maintained and updated.
16. Demonstrate the capability to provide adequate radiation protection services such as dosimetry and personnel monitoring.
17. Demonstrate the capability to perform radiological monitoring activities and assessments.
18. Demonstrate the capability to support the radiological assessment process while maintaining personnel radiation exposure as low as reasonably achievable.
19. Demonstrate the capability to perform accountability of the protected area within 20 minutes from the time of the order for accountability.
20. Demonstrate those NRC identified open items resulting from the 1990 BSEP exercise.