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ACCESSION NBR:9206160067 DOC.DATE: 92/06/11 NOTARIZED: NO DOCKET #
FACIL:50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
AUTH.NAME AUTHOR AFFILIATION
MCCARTHY,D.C. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Advises that emergency preparedness exercise scheduled for
920825 to fulfill annual exercise requirements of 10CFR50,
App E.Objectives to be fulfilled described in encl.
Exercise will consist of simulated accident at facility.

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TITLE: OR Submittal: Emergency Preparedness Plans, Implement'g Procedures, C

NOTES:Application for permit renewal filed.

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JUN 11 1992

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United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
EMERGENCY PREPAREDNESS EXERCISE

Gentlemen:

Carolina Power & Light Company has scheduled an emergency preparedness exercise for the Shearon Harris Nuclear Power Plant (SHNPP) for August 25, 1992. This exercise is intended to fulfill the annual exercise requirements set forth in 10CFR50, Appendix E. The attachment to this letter provides the objectives to be fulfilled (i.e., the 75-day submittal) as requested in the NRC's October 11, 1984 letter from Mr. R. C. Lewis to Mr. E. E. Utley.

The exercise will consist of a simulated accident at SHNPP which could escalate to a general emergency and will involve planned response 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.

Please refer any questions regarding this submittal to Mr. Steven Chaplin at (919) 546-6623.

Yours very truly,

for David C. McCarthy
Manager
Nuclear Licensing Section

SDC/jbw

Attachment

cc: Mr. S. D. Ebnetter
Mr. N. B. Le
Mr. J. E. Tedrow

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(1654HNP)

SHEARON HARRIS NUCLEAR POWER PLANT
1992 ANNUAL EXERCISE OBJECTIVES

1. Demonstrate the ability to detect accident conditions, assess and project radiological consequences, and formulate near-term mitigating actions.
2. Demonstrate the ability to identify and classify the emergency in accordance with the Emergency Plan.
3. Demonstrate the ability of the Control Room staff to perform accident assessment and implement those appropriate mitigating actions necessary to place the plant in a safe and stable condition.
4. Demonstrate the adequacy of procedures for alerting, notifying, and mobilizing on-site and off-site emergency response organization personnel.
5. Demonstrate the timeliness and adequacy of the information provided in the initial notifications to state and county agencies.
6. Demonstrate the ability to provide follow-up notifications to the state and county agencies.
7. Demonstrate the capability to make timely and accurate notifications to the Nuclear Regulatory Commission (NRC). Actual participation of the NRC Operations Center may be simulated.
8. Demonstrate the ability to augment the on-shift emergency organization within the time limits specified within the Emergency Plan and implementing procedures (normal working hours).
9. Demonstrate the adequacy of the Technical Support Center in providing accident assessment and mitigation, dose assessment, and communication/notification activities.
10. Demonstrate the adequacy of the Operations Support Center in providing additional manpower support and coordination.
11. Demonstrate the adequacy of the Emergency Operations Facility in providing off-site dose assessment and evaluation/coordination of off-site activities.
12. Demonstrate the ability to communicate between emergency response facilities, as well as environmental monitoring teams.
13. Demonstrate that the radiological, meteorological, and process data transmittal to the Technical Support Center and Emergency Operations Facility is adequate.
14. Demonstrate the adequacy of emergency kits and equipment in emergency response facilities.

SHEARON HARRIS NUCLEAR POWER PLANT
1992 ANNUAL EXERCISE OBJECTIVES

15. Demonstrate the adequacy of the equipment utilized for off-site radiological monitoring.
16. Demonstrate the ability to formulate appropriate off-site protective action recommendations.
17. Demonstrate that emergency exposure control procedures have been established and are utilized in the protection of emergency workers.
18. Demonstrate the capability to monitor personnel and equipment for contamination.
19. Demonstrate proper procedures for fire brigade response to the type of fire chosen for the exercise.
20. Demonstrate that adequate control measures have been established for plant access control.
21. Demonstrate the ability to coordinate off-site radiological monitoring activities.
22. Demonstrate the capability to draw and analyze samples from the Post-Accident Sampling System under simulated elevated radiological conditions.
23. Demonstrate the proper procedures and use of protective measures for entering a Radiologically Controlled Area under abnormal radiological conditions.
24. Demonstrate the ability to reassess plant conditions and evaluate recovery considerations as defined by the plant Emergency Plan.