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RECIP.NAME RECIPIENT AFFILIATION
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SUBJECT: Advises that emergency preparedness exercise scheduled on 930727 to fulfill annual exercise requirements delineated in 10CFR50,App E.Exercise will simulate emergency that results in offsite radiological releases.Objectives listed in encl.

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NOTES:Application for permit renewal filed. 05000400

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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 (CP&L) has scheduled an emergency preparedness exercise for Shearon Harris Nuclear Power Plant (SHNPP) for July 27, 1993. This exercise is intended to fulfill the annual exercise requirements set forth in 10 CFR 50, Appendix E. The enclosure to this letter provides the objectives to be fulfilled (i.e., the 75-day submittal) as requested in the 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 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 that results in off-site radiological releases. Off-site participants in this exercise will include the counties of Chatham, Harnett, Lee, and Wake, and support agencies necessary to implement their emergency response plans in support of SHNPP.

Please refer any questions regarding this submittal to Mr. R. W. Prunty at (919) 546-7318.

Yours very truly,

David C. McCarthy

David C. McCarthy
Manager
Nuclear Licensing Section

SDC/jbw

Enclosure

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

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411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602



(1998HNP)

# SHEARON HARRIS NUCLEAR POWER PLANT
# 1993 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
1993 ANNUAL EXERCISE OBJECTIVES

15. Demonstrate the ability to perform rumor control activities.

16. Demonstrate the adequacy of the equipment utilized for off-site radiological monitoring.

17. Demonstrate the ability to formulate appropriate off-site protective action recommendations.

18. Demonstrate that emergency exposure control procedures have been established and are utilized in the protection of emergency workers.

19. Demonstrate the capability to monitor personnel and equipment for contamination.

20. Demonstrate the ability to coordinate off-site radiological monitoring activities.

21. Demonstrate the proper procedures and use of protective measures for entering a Radiologically Controlled Area under abnormal radiological conditions.

22. Demonstrate the capability to coordinate the preparation, review, and release of information for the news media.

23. Demonstrate the ability to coordinate news releases with state and county personnel.