

Duke Power Company  
McGuire Nuclear Generation Department  
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DUKE POWER

*Santon  
action pls  
BR*

July 13, 1992

Chief, Emergency Preparedness Section  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Subject: McGuire Nuclear Station  
1992 Exercise  
Docket Nos. 50-369, 50-370

Dear Sir:

The attachment describes the exercise scope and objectives  
for the 1992 McGuire exercise scheduled for October 14, 1992.

If you have any question or comments, please contact  
Becky Hasty at 704/875-4662.

Very truly yours

*TCM*  
Ted C. McMeekin

TCM/jar

Attachment

xc: E.M. Kuhr  
W.B. McRee  
EP File 340

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PDR ADOCK 05000369  
F PDR

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TO: Reg 2 Files  
Reg Files  
NRC PDR  
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## I. SCOPE AND OBJECTIVES FOR THE ANNUAL EXERCISE

### A. Scope

The McGuire exercise, to be conducted on October 14, 1992, is designed to meet the exercise requirements of 10CFR50, Appendix E, Section IV.F. The 1992 exercise will involve participation by Catawba, Gaston, Iredell, Cabarrus, Lincoln, and Mecklenburg Counties and the State of North Carolina to receive communications only. The Duke Power Emergency Operations Facility will participate.

The annual fire drill will be part of the annual exercise. The medical drill be held on October 13, 1992 and will involve transportation of a contaminated, injured patient to the hospital.

A formal critique involving Duke Power and NRC will be held on October 15, 1992 at 3:00 p.m. in Training Room 155 in the Administration Building. This critique will be closed to the public and will be held at McGuire Nuclear Station.

### B. Exercise Objectives (Duke Power Company Emergency Organization)

#### Emergency Management

1. Demonstrate the ability to declare emergency classifications in accordance with procedures.
2. Demonstrate the ability to notify the state and the counties within 15 minutes after declaring an emergency or after changing the emergency classification.
3. Demonstrate proper use of message format and authentication methodology for messages transmitted to the state and the counties.
4. Demonstrate the ability to alert, notify, and staff the TSC and OSC facilities after declaring an Alert or higher emergency class.
5. Demonstrate precise and clear transfer of responsibility from the Shift Supervisor in the Control Room to the Emergency Coordinator in the TSC.
6. Demonstrate the ability to notify the NRC not later than 1 hour after declaring one of the emergency classes.

7. Demonstrate assembly of station personnel within 30 minutes in a simulated emergency and provide accountability for any not present at the assembly locations.
8. Test communications equipment among on-site emergency facilities including plant extensions and intercoms.
9. Test off-site communications equipment to the county and state warning points and to NRC including the Selective Signaling System and the NRC Emergency Notification System.
10. Test the adequacy and operability of emergency equipment/supplies.

#### Accident Assessment

11. Evaluate the adequacy of the following assessment tools:
  1. Drawings
  2. Data Display Boards
  3. Maps
12. Demonstrate the ability to provide data to the TSC and OSC in accordance with station procedures.
13. Demonstrate adequate radio communications between the off-site monitoring teams and the EOF.
14. Demonstrate the ability to develop off-site dose projections in accordance with procedures.
15. Demonstrate the ability to collect air, soil, water and vegetation samples in accordance with procedures.

#### Plant Operations

16. Demonstrate the ability to assess the incident and provide mitigation strategies in accordance with station procedures.

Medical Drill

17. Demonstrate proper response to a simulated medical emergency involving a contaminated injured patient in accordance with station procedures.

News Group

18. Demonstrate the ability to provide accurate information to the news media in a timely manner and to provide effective rumor control.

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