

*T. Decker*  
*John - GRJ*  
*PLP*  
*Mr*  
*Docket File*  
TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

83 SEP 7 P1:42

September 2, 1983

U.S. Nuclear Regulatory Commission  
Region II  
ATTN: J. Philip Stohr  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. Stohr:

Enclosed is a description of the emergency exercise objectives for the Browns Ferry radiological emergency exercise for 1983. The scope of this exercise will meet the 10 CFR Part 50, Appendix E requirement for a full scale exercise. The exercise is scheduled for the week of November 13-19, 1983. If you have any questions, please call Jim Domer at FTS 858-2725.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager  
Nuclear Licensing

Enclosure

cc (Enclosure):

Mr. Brian K. Grimes, Director  
Division of Emergency Preparedness  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. R. J. Clark  
Browns Ferry Project Manager  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20814

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## BROWNS FERRY NUCLEAR PLANT

### 1983 RADIOLOGICAL EMERGENCY PREPAREDNESS EXERCISE

#### SCOPE

The scope of this exercise will include the notification, activation, and staffing of all TVA emergency centers with participation thereafter to accomplish the identified objectives. The exercise will span a time period of approximately 14-18 hours in order to support onsite and offsite recovery efforts. The exercise is planned to demonstrate the capabilities of TVA and State and local governments to fulfill their responsibilities specified in the Browns Ferry Nuclear Plant Radiological Emergency Plan (BFN-REP). The following objectives indicate the types of activities planned by TVA and the State of Alabama.

1. Test the REP notification procedure throughout the notification chain, beginning at the BFN control room and extending to State authorities and local authorities.
2. Demonstrate BFN's ability to respond to hazardous radiological conditions onsite, i.e., postaccident sampling, HP response, assembly and accountability of nonessential plant personnel, etc.
3. Demonstrate the staffing and efficient operation of TVA, State, and local emergency centers.
4. Test the communications networks among TVA, State, and local governments and with other support groups.
5. Demonstrate the capability for periodic public information releases including the ability to disseminate information regarding planned or needed protective actions to the public in a timely manner.
6. Demonstrate the effectiveness and efficient operation of the Near-Site Media Center as a source of information for the media.
7. Demonstrate the capability of TVA to assemble and transmit in a timely manner the appropriate information needed by offsite authorities to evaluate the necessity for protective actions.
8. Demonstrate the capability to perform accident assessments and the protective action decisionmaking process based upon meteorological conditions, plant radiological release information, and/or plant conditions.
9. Demonstrate the capability to verify offsite predicted doses by radiological field monitoring.
10. Demonstrate the ability to activate and implement the prompt notification system.

11. Demonstrate the capability of local authorities to implement protective actions including direction and control during simulated evacuations.
12. Demonstrate the capability to staff and prepare mass care center(s) to receive and shelter evacuees.
13. Demonstrate the capabilities to plan and develop appropriate recovery measures by TVA (to support the onsite recovery efforts) and the State (to support the offsite recovery efforts).