

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. R. CARTWRIGHT
VICE PRESIDENT
NUCLEAR

December 5, 1988

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

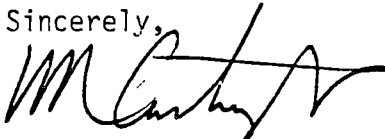
Serial No. 88-795
NO/REB/acm
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Sir:

VIRGINIA ELECTRIC AND POWER COMPANY
SCOPE AND OBJECTIVES
SURRY EMERGENCY EXERCISE FEBRUARY 16, 1989

The Scope and Objectives for the Surry Power Station emergency exercise to be conducted on February 16, 1989, are hereby submitted. This exercise is being held pursuant to 10 CFR 50.47(b)(14). The enclosure is a part of the exercise package that is being prepared at this time. A copy of this package will be provided by January 26, 1989. If you have any questions concerning the exercise Scope and Objectives, please call Mr. F. M. Cox at (804) 273-2815.

Sincerely,



W. R. Cartwright

Enclosure

cc: U.S. Nuclear Regulatory Commission (w/o enclosure)
101 Marietta Street, N.W.
Suite 2900
Atlanta, GA 30323

Mr. W. E. Holland (w/o enclosure)
NRC Senior Resident Inspector
Surry Power Station

Mr. A. E. Slayton, Jr.
State Coordinator
Department of Emergency Services
Commonwealth of Virginia

8903290214 881205
PLR ADOCK 05000280
F PDC

IE-35
EX44

VIRGINIA POWER
SURRY EMERGENCY EXERCISE

SCOPE

SCOPE OF EXERCISE

On February 16, 1989, Virginia Electric and Power Company intends to demonstrate its ability to implement the Surry Emergency Plan. The purpose of this exercise is to activate and subsequently evaluate significant portions of the Emergency Plan, associated implementing procedures, and the Corporate Emergency Response Plan in accordance with 10CFR50.47(b)(14).

The overall intent of this exercise will be to demonstrate that Virginia Electric and Power Company is capable of providing the necessary protective measures to ensure the health and safety of the general public in the event of a radiological accident at Surry Power Station. Additional parameters, as outlined in the Exercise Objectives, will also be demonstrated. However, the performance of response actions by Federal, State, local or volunteer organizations may be simulated, as appropriate, for the purpose of this exercise.

In support of this exercise, a scenario will be prepared to accomplish an escalation of the event through the applicable emergency classifications established in NUREG-0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Stations. Free play will be encouraged and controllers will only interfere with participant's response if the exercise lags behind schedule, if emergency response personnel take inappropriate actions to carry them to the next event, or if action is taken that would correct the expected simulated response earlier than scheduled by the scenario. At no time will the exercise be permitted to interfere with the routine safe operation of the station. Station management may, at their discretion, suspend the exercise for any period of time necessary to ensure this goal. Exercise participants will not have prior knowledge of the simulated incident or any parts thereof.

The Technical Support Center, Operational Support Center, and the Local Emergency Operations Facility will be activated in response to appropriate scenario actions. Also the Corporate Emergency Response Center, the Joint Public Information Center and the Local Media Center will be activated in accordance with the Corporate Emergency Response Plan.

**VIRGINIA POWER
SURRY EMERGENCY EXERCISE**

OBJECTIVES

OBJECTIVES OF EXERCISE

The objectives of this exercise are to demonstrate by actual performance a number of key emergency preparedness functions as they relate to the Surry Power Station Emergency Plan. The simulated accident will involve response and subsequent recovery actions to include: emergency classification, notification of company personnel and off-site organizations, simulated actions to correct the emergency condition, and initiation of accident assessment and protective actions as necessary to cope with the event, which will include a simulated off-site radiological release. The intent of this effort is to demonstrate the adequacy of the Surry Emergency Plan (SEP), the Emergency Plan Implementing Procedures (EPIPs), the Corporate Emergency Response Plan (CERP), and the Corporate Plan Implementing Procedures (CPIPs). Simulations of some aspects of emergency preparedness, without actual demonstrations by the Station or Corporate entities, may occur where it is impractical to call for personnel involvement.

The following objectives have been developed in support of the February 16, 1989 Surry Power Station Emergency Exercise. The objectives ensure that required events are included in the exercise scenario, and establish criteria to be evaluated by controllers and observers during the conduct of the exercise.

Exercise Objectives

1. Demonstrate the ability to make proper decisions related to radiation exposure and to implement those decisions.
2. Demonstrate the ability to make protective action recommendations that protect station personnel and the general public, as appropriate.
3. Demonstrate the ability to augment the onshift emergency organization to support emergency operations in a timely and effective manner (during non-normal working hours).
4. Demonstrate the ability to classify the emergency in accordance with EIPs.
5. Demonstrate the ability to conduct in-plant, onsite and offsite radiological monitoring activities and assessments, and to formulate offsite radiological dose projections.
6. Demonstrate effective and timely search and rescue activities.
7. Demonstrate that the LEOF can be adequately staffed to maintain communications, coordinate the utilization of offsite monitoring teams, and recommend offsite protective measures to the State.
8. Demonstrate coordinating news announcements with offsite response agencies, distributing press releases in a timely manner, ensuring the accuracy of press releases, and conducting timely and informative media briefings.
9. Demonstrate the adequacy of coordination between the TSC, Control Room and OSC.
10. Conduct an effective critique in order to disclose significant exercise findings which require corrective action.