

9/18/82

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

R. H. LEASBURG
VICE PRESIDENT
NUCLEAR OPERATIONS

June 9, 1982

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. Robert A. Clark, Chief
Operating Reactors Branch No.3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Serial No. 330
EMT/ads
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

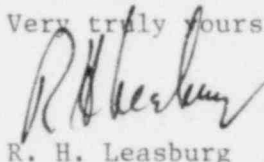
Gentlemen:

NORTH ANNA POWER STATION FULL SCALE
JOINT EMERGENCY EXERCISE

The enclosure to this letter provides the Intent and Scope for the forthcoming North Anna Power Station full scale joint emergency exercise to be held the weekend of September 18, 1982. This exercise is being held pursuant to 10 CFR Part 50, Appendix E, Section F-1. The enclosure is in the form of pages abstracted from the exercise control manual that is being prepared at this time. Copies of this manual will be made available to your observers prior to the exercise, per your correspondence of January 29, 1982 titled "Emergency Preparedness Exercise" (Docket Nos. 50-338, 50-339, 50-280, 50-281).

If you have any questions concerning the exercise Intent and Scope, please call Mr. J. W. Martin, Jr. at (804) 771-4914.

Very truly yours,



R. H. Leasburg

Enclosure

cc: Mr. J. P. O'Reilly, Regional Administrator
Office of Inspection and Enforcement
Region II

Mr. Kim Anderson, State Coordinator
State Office of Emergency and Energy Services

IE-35

bc: Mr. J. W. Martin, Jr.
Mr. E. M. Topping, Jr.
Mr. T. A. Carder
NRC Letter File
Central Files (2)
E. P. File

INTENT

Virginia Electric and Power Company intends to exercise its North Anna Emergency Plan and the Emergency Preparedness of the North Anna Power Station on September 18, 1982. This exercise is intended to demonstrate many but not necessarily all of the station's capabilities to respond to a wide range of emergency conditions.

This exercise will be held in conjunction with full scale emergency response demonstrations by the Commonwealth of Virginia, the Counties of Louisa, Spotsylvania, Orange, Caroline, and Hanover. Simulations of response will be performed with supporting Federal Agencies and volunteer organizations as well as other supporting organizations.

It is intended to initiate emergency responses for all four categories of emergencies as outlined in NUREG 0654. A scenario is to be prepared to accomplish a successive escalation of the emergency from "Notification of Unusual Event" to "General Emergency." Free play is encouraged and controllers will only interfere with this play if the exercise lags behind schedule or if operators take incorrect actions to carry them to the next exercise event.

The company also intends to activate the Corporate Emergency Response Plan at its General Office Building to demonstrate the Corporate Emergency Response Center's interface with the Emergency Operating Facility at the site.

SCOPE

The scope of this exercise, with some exceptions, will endeavor to demonstrate by actual performance a number of key emergency preparedness functions. At no time, however, will the exercise be permitted to interfere with the routine safe operation of the station, and the station management may, at their discretion, suspend the exercise for any period of time necessary to ensure this goal. Simulations of some aspects of emergency preparedness without actual demonstrations by the Station or Corporate entities may occur where it is deemed impractical to call for personnel involvement.

The following list represents the scope of the exercise.

1. Demonstrate the ability to classify actual or potential emergencies as per procedures (EPIP's and EAL's)
 - Notification of Unusual Event
 - Alert
 - Site Area Emergency
 - General Emergency
 - (Recovery)
2. Demonstrate the ability to respond to each classification by having the Technical Support Center-TSC, Emergency Operating Facility-EOF, and Corporate Emergency Response Center-CERC manned in the proper sequence.
3. Demonstrate the communication capabilities between the Control Room, TSC, EOF and CERC, and the ability to maintain these communications with Federal, State and Local Governments.
4. The Station will demonstrate employee accountability following the requirements of the Emergency Plan Implementing Procedures.

5. Demonstrate that upon call out the following events occur:
 - a. Station Personnel off-duty can be reached and subsequently report to the station for control room, field monitoring, communications and other stand by functions.
 - b. EOF can be adequately manned and proper communications established.
 - c. That the Corporate Emergency Response Center can be adequately manned and made functional i.e. maintain communication, send representatives to the State EOC, provide engineering assistance, provide logistic support and have a functional rumor control group.
 - d. Demonstrate the functions of the Media Center by actually holding press conferences with the Media. A dedicated line will be maintained between the EOF and the Media Center.
6. A demonstration will be made that provides for the dispatch of radiological monitoring teams to the field within or beyond the site boundary. The field monitoring teams will demonstrate their ability to send data back to the EOF for assessment. Teams will carry dose rate curves based on simulated release data. These curves will be read at assigned times at specific locations and the contents will specify the data associated with a continuous radiological release from the station. From this simulated data and data simulated by the company's meteorological section, appropriate recommendations will be made to the state and counties.
7. An injured and contaminated individual will be transported to the Medical College of Virginia.
8. Demonstrate the ability to implement site evacuation procedures.

9. The exercise will end with a simulated transition to the recovery mode. Requests for simulated technical and construction help will be made as well as transmitting information to the facilities needed for recovery support.