VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

November 24, 1980

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 948
NO/WRM:ms
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Denton:

This is to inform you that an Emergency Exercise will be performed at Surry Power Station on December 2, 1980, starting after 1 p.m. A scenario of this exercise is attached to this letter.

The scope of the exercise will be limited to the Station and Local county participation and will be conducted in accordance with the presently approved Surry Emergency Plan. The State Office of Energy and Emergency Services will be involved only to the extent of verifying communications from the station. The company plans only minimal staffing at its Corporate Emergency Response Center and site Emergency Operating Facility for purposes of communication checks. Emergency telephone numbers of offsite agencies other than the NRC, State, and Local counties will not be called.

It is the company's intention of performing a full scale joint emergency exercise at Surry in the Fall of 1981, once the new Surry Emergency Plan and State/Local Emergency Plans have been approved by the NRC and FEMA.

The exercise to be performed on December 2, 1980 fulfills the stations Technical Specification Requirements and is within the time frame of the extension we requested in our letter to you dated September 4, 1980 (Serial No. 741).

Very truly yours,

B. R. Sylvia
Manager - Nuclear
Operations and Maintenance

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S11

Enclosure

cc: Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
Region II

F

SCENARIO

Minutes After Start of Accident	
0	Three (3) members of Operations Department are moving spent fuel in the Fuel Building. The handling tool malfunctions and an assembly is dropped. Physical damage to the assembly is observed and bubbles are coming to the surface of the pool.
1	Ventilation Vent System rad. monitor "alert" is received in the Control Room.
2	Health Physics is notified of the Vent-Vent alert and requested to sample. Operations personnel in Fuel Building report incident to Control Room. (Assembly #____) Vent-Vent System "Alarm" and Fuel Pit Bridge Rad. Monitor "Alarm" are received in Control Room.
4	Shift Supervisor sounds station emergency alarm and orders personnel in Fuel Building to evacuate immediately. (At this time the operating staff should be consulting EPIP-4 and following the applicable AP's for the Rad. Monitoring Alarms.)
7	Station Management arrives in the Control Room and are briefed on incident.

(Vent-Vent Particle and Gaseous Monitors have been pegged high since t=2; if Fuel Building is selected on Sampler System, it has been pegged high since T=1; Area Monitor on bridge increasing.)

8 NRC notification made; Emergency Committee activated.

9 Fuel Building team reports one member of team slipped from bridge during his haste to evacuate; is unconscious, appears to have a broken right leg, and is bleeding heavily in area of suspected broken leg.
(First Aid Team Alarm should be annunciated and applicable sections of EPIP-10 consulted.)

10 (At this time the following EPIP-s should be in progress:

EPIP 1: Classification and Notifications

EPIP 2: Unplanned Release of Rad. Material

EPIP 3: Injured Personnel

EPIP 4: Fuel Handling Accident

EPIP 9: Personnel Accountability

EPIP 10: Personnel Monitoring and Decontamination

EPIP 11 or 12: Estimating Release

EPIP 14 or 15: Estimating Doses

EPIP 20: News and Information Release

15 Count Room personnel reports initial Vent-Vent System analysis to the senior H.P. representative in charge of completing EPIP-2. Dose estimates completed and information forwarded to Emergency Director (Coordinator).

20 Members of Fuel Building Team out of building with injured man at Fuel Building step-off pad in Auxiliary Building. (First Aid Team should be standing by to render assistance.) (Injured man: external and internal contamination; other members of Fuel Building Team also contaminated.)

25 Count Room reports 2nd analysis of Vent-Vent release. Dose estimates made and results forwarded to Emergency Director. (The decision to evacuate unnecessary on-site personnel and warn Hog Island residents may have been made after the initial sample analysis, if not, this should be implemented at this time.)

35 Count Room reports 3rd Vent-Vent analysis.

50 Count Room reports 4th Vent-Vent analysis. (Monitoring teams sent out into the field should be reporting results by this time.)

60 Entry team sent into Fuel Building to evaluate fuel assembly and Fuel Building air.

Drill Termination The following items should be completed in order to terminate drill:

* Activity and dose estimates and projections properly computed and documented.
* Accountability of all personnel complete.
* Evacuation of non-essential personnel complete.
* Injured man in route to MCV.

* Communication with required off-site counties and agencies complete.
* Warning to local residents complete.
* Rad. Monitoring Team's results reported to Emergency Director.
* Entry into Fuel Building complete and air analysis is made.
* An effective plan is instituted to safely cope with the remaining accident conditions to recovery.