

December 12, 1977

Dockets Nos.: 50-280  
and 50-281

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Virginia Electric & Power Company  
 ATTN: Mr. W. L. Proffitt  
 Senior Vice President - Power  
 P. O. Box 26666  
 Richmond, Virginia 23261

Gentlemen:

On November 30, 1977, the Commission issued Amendments Nos. 34 and 33 to Facility Licenses Nos. DPR-32 and DPR-37 for the Curry Power Station, Units Nos. 1 and 2, respectively. Technical Specification pages 3.21-2 and 3.21-8 contained errors which we have corrected. Technical Specification page 6.6-17 has been renumbered 6.6-16a. Enclosed are the three corrected pages for each license.

Sincerely,

*Robert W. Reid*

Robert W. Reid, Chief  
 Operating Reactors Branch #4  
 Division of Operating Reactors

Enclosures:  
 Technical Specification  
 Pages for DPR-32 and  
 DPR-37

cc w/enclosures: See next page

*Correct 1*  


OFFICE >	ORB#4:DOR	ORB#4:DOR	ORB#1:DOR	C-ORB#4:DOR		
SURNAME >	RIngram	MFairtile:rm	TWambach	RReid		
DATE >	12/ /77	12/ /77	12/ /77	12/ /77		

Virginia Electric & Power Company

cc w/enclosure(s):

Michael W. Maupin, Esq.  
Hunton, Williams, Gay & Gibson  
P. O. Box 1535  
Richmond, Virginia 23213

Mr. Sherlock Holmes, Chairman  
Board of Supervisors of Surry County  
Surry County Courthouse  
Surry, Virginia 23683

Mr. James C. Dunstan  
State Corporation Commission  
Commonwealth of Virginia  
Blandon Building  
Richmond, Virginia 23209

Chief, Energy Systems  
Analyses Branch (AW-459)  
Office of Radiation Programs  
U. S. Environmental Protection Agency  
Room 645, East Tower  
401 M Street, S.W.  
Washington, D.C. 20460

U. S. Environmental Protection Agency  
Region III Office  
ATTN: EIS COORDINATOR  
Curtis Building (Sixth Floor)  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106

Swem Library  
College of William & Mary  
Williamsburg, Virginia 23185

Commonwealth of Virginia  
Council on the Environment  
903 9th Street Office Building  
Richmond, Virginia 23219

**B. Plant Fire Suppression Water System**

1. The Fire Suppression Water System shall be operable at all times with:
  - a. (2) high pressure pumps each with a capability of 2,500 gpm. With their discharge aligned to the fire suppression header.
  - b. Separate water supplies each containing a minimum of 250,000 gallons reserved capacity from 300,000 gallon capacity tanks.
  - c. A flow path capable of taking suction from both 300,000 gallon capacity tanks and transferring the water through distribution piping with OPERABLE sectionalizing control or isolation valves to the yard hydrant curb valves and the front valve ahead of the water flow alarm device on each sprinkler, hose standpipe or spray system riser.
  - d. Automatic Initiation logic for each fire pump.
2.
  - a. With less than the above required equipment, restore the inoperable equipment to operable status within 7 days or prepare and submit a Special Report to the Commission pursuant to Specification 6.6.4 within the next 10 days outlining the plans and procedures to be used to provide for the loss of redundancy in this system.
  - b. With no Fire Suppression Water System operable, within 24 hours;
    - (1) Establish a backup Fire Suppression Water System.
    - (2) Notify the Commission pursuant to Specification 6.6.4 outlining the actions taken and the plans and schedule for restoring the system to operable status.
3. If 2.b.(1) above cannot be fulfilled, place the reactor in Hot Shutdown within the next six hours and in Cold Shutdown within the following thirty (30) hours.

**Plant Spray and/or Sprinkler Systems**

This section not applicable. Safety and vital areas are not served by water spray systems.

TABLE 3.21-1

FIRE DETECTION INSTRUMENTS

<u>Instrument Location</u>	<u>Minimum Instruments Operable</u>	
	<u>Heat</u>	<u>Smoke</u>
1. Containment (Reactor Coolant Pumps only) ***	1 per RCP	-
* 2. Cable Tray Room	3	4
* 3. Cable Tunnel	2	3
4. Cable Vault Area	1	2
*Lower Area	1	1
Upper Area		
* 5. Charcoal Filter Banks	1 per bank	-
* 6. Emergency Diesel Generator Room	1 per room	-
* 7. Fuel Oil Tank Room (river)	1**	1
* 8. Fuel Oil Transfer Pump Houses	1 per house **	-

\*Allows for one inoperable instrument

\*\*Rate of rise actuation devices for high pressure CO<sub>2</sub> system

\*\*\*One heat detector installed per pump. RCP pump bearing and motor temperature will be monitored once per hour if the RCP heat detector is inoperable.

- c. With no fire suppression water system operable, within 24 hours; notify the Commission outlining the action taken and the plans and schedule for restoring the system to operable status.
- d. With redundant fire suppression water system component inoperable for more than 14 days, submit a Special Report to the Commission within the next 10 days outlining the cause of inoperability and the plans for restoring the component to operable status.
- e. With the CO<sub>2</sub> fire protection system inoperable for more than 14 days, submit a Special Report to the Commission within the next 10 days outlining the cause of inoperability and the plans for restoring the system to operable status.
- f. With the Records Vault halon fire protection system inoperable for more than 14 days, submit a Special Report to the Commission within the next 10 days outlining the cause of inoperability and the plans for restoring the system to operable status.

**B. Plant Fire Suppression Water System**

1. The Fire Suppression Water System shall be operable at all times with:
  - a. (2) high pressure pumps each with a capability of 2,500 gpm. With their discharge aligned to the fire suppression header.
  - b. Separate water supplies each containing a minimum of 250,000 gallons reserved capacity from 300,000 gallon capacity tanks.
  - c. A flow path capable of taking suction from both 300,000 gallon capacity tanks and transferring the water through distribution piping with OPERABLE sectionalizing control or isolation valves to the yard hydrant curb valves and the front valve ahead of the water flow alarm device on each sprinkler, hose standpipe or spray system riser.
  - d. Automatic Initiation logic for each fire pump.
2. a. With less than the above required equipment, restore the inoperable equipment to operable status within 7 days or prepare and submit a Special Report to the Commission pursuant to Specification 6.6.4 within the next 10 days outlining the plans and procedures to be used to provide for the loss of redundancy in this system.
- b. With no Fire Suppression Water System operable, within 24 hours;
  - (1) Establish a backup Fire Suppression Water System.
  - (2) Notify the Commission pursuant to Specification 6.6.4 outlining the actions taken and the plans and schedule for restoring the system to operable status.
3. If 2.b.(1) above cannot be fulfilled, place the reactor in Hot Shutdown within the next six hours and in Cold Shutdown within the following thirty (30) hours.

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- c. With no fire suppression water system operable, within 24 hours; notify the Commission outlining the action taken and the plans and schedule for restoring the system to operable status.
- d. With redundant fire suppression water system component inoperable for more than 14 days, submit a Special Report to the Commission within the next 10 days outlining the cause of inoperability and the plans for restoring the component to operable status.
- e. With the CO<sub>2</sub> fire protection system inoperable for more than 14 days, submit a Special Report to the Commission within the next 10 days outlining the cause of inoperability and the plans for restoring the system to operable status.
- f. With the Records Vault halon fire protection system inoperable for more than 14 days, submit a Special Report to the Commission within the next 10 days outlining the cause of inoperability and the plans for restoring the system to operable status.