

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 12, 1980

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

Serial Number 354M/061478
NO/SWB/jmj
Docket Nos.: 50-280
50-281
License Nos.: DPR-32
DPR-37

Dear Mr. Denton:

SURRY POWER STATION
FIRE PROTECTION MODIFICATIONS

Amendment Nos. 54 and 53 to the Surry Power Station Operating License require facility modifications for fire protection. Attached for your information is the Project Status Summary. Information regarding the status of specific projects is given below:

- a. The Breathing Apparatus Recharging System is complete with the exception of extension of the air intake to the building exterior. This will be completed by September 30, 1980.
- b. The design package for cable tray covers (item 3.1.4) is 90% complete. Design information concerning the covers will be forwarded with the September status report. The modification is expected to be completed by September 30, 1980.
- c. The design package for fire dampers is complete. Installation is expected to be completed September 30, 1980.
- d. The Hose Stations required by item 3.1.18 are complete with the exception of Unit 1 containment dry standpipe hose station (3.1.18(6)) and the auxiliary building redundant water supply (3.1.18(16)). The Unit 1 containment dry standpipe system design is complete and the system will be installed during the steam generator replacement outage. The design of the auxiliary building redundant water supply is complete and installation of the modification is expected to be completed September 30, 1980.

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- e. Design of the Water Spray Shields item 3.1.29 is complete and the modification is expected to be completed by September 30, 1980.
- f. Write-ups of the demonstrations and reevaluations of safe shutdown capability (item 3.2.3) is near completion. This evaluation will be submitted by September 30, 1980.
- g. Revised Technical Specifications related to facility modifications required by the Safety Evaluation Report are being prepared as the modification designs are completed. The entire fire protection revised technical specifications will be submitted no later than October 31, 1980.

We will continue to inform you of our progress in implementing the requirements and will be glad to answer any questions you may have.

Very truly yours,



B. R. Sylvia
Manager - Nuclear
Operations and Maintenance

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

Attachment

SURRY POWER STATION FIRE PROTECTION MODIFICATIONS PROJECT STATUS SUMMARY

Modifications		MODIFICATIONS SCHEDULE AND STATUS																							
Item No.	Descriptions	9/79	10/79	11/79	12/79	01/80	02/80	03/80	04/80	05/80	06/80	07/80	08/80	9/80	10/80	11/80	12/81	1/81	2/81	3/81	4/81	5/81			
3.1.1	Administrative Controls																								
* 3.1.2	Air Flow Detectors																								
* 3.1.3	Breathing Apparatus																								
* 3.1.4	Cable Tray Covers																								
* 3.1.5	Safe Shutdown Circuitry																								
3.1.6	Combustibles															UNIT 1						UNIT 2			
3.1.7	Charcoal Filters																								
3.1.8	Emergency Lighting																								
* 3.1.9	Fire Detection Systems																								
3.1.10	Fire Barriers															UNIT 1									
3.1.11	Fire Doors																								
3.1.12	Fire Dampers																								
3.1.13	Fire Extinguishers																								
3.1.14	Fire Ladder																								
* 3.1.15A	Floor Drains, Dikes																								
* 3.1.15B	Oil Collection Systems																								
* 3.1.16	Gas Suppression Systems															UNIT 1				UNIT 2					
3.1.17	Hose Nozzles																								
* 3.1.18	Hose Stations																								
3.1.19	Hydrogen Lines																								
3.1.20	Hose Foam Carts																								
3.1.21	Hydrants																								
* 3.1.22	Valve Supervision																								
* 3.1.23	Monitoring Panels																								
3.1.24	Penetrations																								
* 3.1.25	Safe Shutdown																								
* 3.1.26	Water Suppression Systems															UNIT 1						UNIT 2			
* 3.1.27	Ventilation System																								
3.1.28	Fire Detection System Power																								
* 3.1.29	Water Spray Shields																								
* 3.1.30	Technical Specifications																								
3.2.1	Auxiliary Boiler Room																								
3.2.2	Fire Dampers																								
3.2.3	Safe Shutdown																								
3.2.4	Charcoal Filter Hazard																								
3.2.5	In-Situ Testing																								

KEY

1. Beginning of bar represents project start date.
2. End of bar represents project target completion date.
3. Shaded portion represents percent complete.
4. Absence of block indicates project has not been started.
5. Asterisk * indicates the date of complete submittal of required information.
6. Delta A indicates the date of partial submittal of required information.

ISSUE DATE: 8-9-80