

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

R. H. LEASBURG
VICE PRESIDENT
NUCLEAR OPERATIONS

October 18, 1982

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

Serial No. 331A
PSE&C/HSM:acm
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

ADDITIONAL INFORMATION
PROPOSED OPERATING LICENSE AMENDMENT NPF-4 AND NPF-7
NORTH ANNA POWER STATION UNIT NOS. 1 AND 2

In our letter of July 13, 1982, Serial No. 331, Vepco requested an amendment to Operating Licenses NPF-4 and NPF-7 to allow the receipt and storage of 500 spent fuel assemblies from Surry Power Station Unit Nos. 1 and 2 in the North Anna Power Station Unit Nos. 1 and 2 spent fuel pool. In support of this request, we forwarded the report, "Summary of Information in Support of the Storage of Surry Spent Fuel at North Anna Power Station Unit Nos. 1 and 2". We have identified two items in this report which must be corrected.

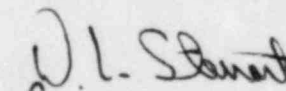
In our report, we identify the number of storage locations in the proposed Neutron Absorber Spent Fuel Storage Rack as 1748 storage locations. This number has since been changed to 1737 storage locations during the refinement of the spent fuel rack design.

The other change is in Table 7-1 which is a tabulation of fuel pool temperatures for different heat load cases. The actual temperature changes are minor. A new Table 7-1 is therefore attached.

Neither of the changes cause any change in the safety analysis or the conclusion of the safety analysis for the proposed Operating License Amendments.

If further information is required on this matter, we would be pleased to meet with your staff at their convenience.

Very truly yours,


R. H. Leasburg

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VIRGINIA ELECTRIC AND POWER COMPANY TO Harold R. Denton

Attachment:

Table 7-1 "Spent Fuel Pool Cooling System Heat Load and Operating
Temperatures with Storage of Surry Spent Fuel in the North
Anna 1 and 2 Fuel Pool"

cc: Mr. James P. O'Reilly
Regional Administrator
Region II
U. S. Nuclear Regulatory Commission
Atlanta, Georgia 30303

TABLE 7-1 (Rev. 1)
SPENT FUEL POOL COOLING SYSTEM
HEAT LOAD AND OPERATING TEMPERATURES
WITH STORAGE OF SURRY SPENT FUEL
IN THE NORTH ANNA 1 AND 2 FUEL POOL

	Decay Heat MBTU/HR	Fuel Pool Temperature, °F	
		1P2C	2P2C
No Surry Fuel			
High Density Racks (966)			
Normal	19.4	135.4	130.4
Abnormal	35.9	159.5	154.0
No Surry Fuel			
Neutron Absorber Racks (1737)			
Normal	23.1	138.5	135.0
Abnormal	39.2	156.5	151.0
Surry Fuel (500)			
High Density Racks (966)			
Normal	20.5	136.0	132.5
Abnormal	36.3	153.0	147.5
Surry Fuel (500)			
Neutron Absorber Racks (1737)			
Normal	24.1	140.0	136.0
Abnormal	40.0	160.0	148.5
1P2C - 1 Pump 2 Coolers		2P2C - 2 Pumps 2 Coolers	