

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 14, 2000

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Serial No. 00-535
NL&OS/MAE: R5
Docket Nos. 50-280/-281
50-338/-339
License Nos. DPR-32/-37
NPF-4/-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNITS 1 AND 2
NORTH ANNA POWER STATION UNITS 1 AND 2
SCOPE AND SCHEDULE REVISION - DESIGN BASES DOCUMENTS

On October 9, 1996, the Nuclear Regulatory Commission (NRC) issued a letter requesting information pursuant to 10 CFR 50.54(f) regarding the adequacy and availability of design bases information. Virginia Electric and Power Company (Dominion) responded in a letter dated February 7, 1997 (Serial No. 96-535). This letter included information that addressed the NRC request and committed to issue design basis documents (System Design Basis Documents and Plant Design Basis Documents) by June 30, 1999. In a letter dated October 14, 1998 (Serial No. 98-411) Dominion revised the initial schedule for issuing design basis documents from June 30, 1999 to December 29, 2000, due to the length of time required to conduct integrated reviews.

Attachment 1 is a listing of the System Design Basis Documents organized into three groups. The first group consists of the System Design Basis Documents that have been issued. The second group consists of the System Design Basis Documents that will be issued by December 29, 2000. The third group consists of the System Design Basis Documents for which the previous scope and schedule commitments are being revised. The third group is currently scheduled for completion, however we may elect to delete these low risk systems from the remaining scope dependent on available resources.

Dominion is also revising the issue date for the Plant Design Basis Documents to September 2001. The Plant Design Basis Documents provide a summary of design bases requirements for topics that are not system specific. A draft of these

A074

topical design criteria has been completed by the original Architect Engineer and needs to be reviewed and validated by Dominion prior to issuing the documents.

If you have any questions, please contact us.

Very truly yours,



David A. Christian
Senior Vice President – Nuclear Operations
and Chief Nuclear Officer

Attachment

Commitments :

1. Plant Design Basis Documents will be issued in September 2001.
2. Group 2 System Design Basis Documents will be issued by December 29, 2000.
3. Group 3 System Design Basis Documents will be scheduled for completion, or may be deleted from scope, dependent on available resources.

cc: Mr. S. J. Collins
Director, Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
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Mr. L. A. Reyes
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Mr. R. A. Musser
NRC Senior Resident Inspector
Surry Power Station

Mr. M. J. Morgan
NRC Senior Resident Inspector
North Anna Power Station

COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by David A. Christian, Senior Vice President – Nuclear Operations and Chief Nuclear Officer of Virginia Electric and Power Company. He has affirmed before me that he is duly authorized to execute and file the foregoing document in behalf of that Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 14TH day of December, 2000.

My Commission Expires: May 31, 2002.

Vicki L. Hull
Notary Public

(SEAL)

Attachment 1

System Design Basis Documents

Group 1 - Issued (56)

Surry Power Station

125V dc Emergency Power
Auxiliary Building Ventilation
Auxiliary Feedwater
Black Battery (125V)
Chemical and Volume Control
Circulating Water
Component Cooling Water
Condensate
Containment Spray
Control Room Ventilation
Emergency Diesel Generator
Emergency Power
Emergency Power and Vital Bus (120-240V)
Feedwater
Fuel and Decontamination Building Ventilation
Fuel Pool Cooling and Purification
Instrument and Service Air
Main Steam and Ancillary
Nuclear Controls
Nuclear Instrumentation
Power Generation
Radiation Monitoring
Reactor Coolant
Reactor Protection
Recirculation Spray
Residual Heat Removal
Safety Injection
Service Water
Station Service Power
Post Accident Monitoring and Hydrogen Removal
Fire Protection

North Anna Power Station

125V dc Emergency Power
Auxiliary Feedwater
Chemical and Volume Control
Circulating Water
Component Cooling Water
Condensate
Emergency Diesel Generator
Emergency Power
Emergency Power and Vital Bus (120-240V)
Feedwater
Fuel Pool Cooling and Purification
Instrument and Service Air
Main Steam and Ancillary
Nuclear Controls
Nuclear Instrumentation
Power Generation
Quench Spray
Radiation Monitoring
Reactor Coolant
Reactor Protection
Recirculation Spray
Residual Heat Removal
Safety Injection
Service Water
Station Service Power

Group 2 - Issue by 12/29/00 (5)

Surry Power Station

Containment Vacuum and Leakage Monitoring

North Anna Power Station

Auxiliary Building Ventilation
Control Room Ventilation
Containment Vacuum and Leakage Monitoring
Post Accident Monitoring and Hydrogen Removal

Group 3 - Not issued (36)

Surry Power Station

Bearing Cooling Water
Boron Recovery and Primary Grade Water
Chilled Water
Condensate Polishing and Makeup Water
Treatment
Electrical Instrumentation and Computer
Turbine Building Ventilation
Gaseous Waste
Miscellaneous Building Ventilation Systems
Containment Ventilation
Primary and Secondary Plant Gas Supply
Primary Vents and Drains
Sampling Systems
Secondary Vents and Drains
Service Building Ventilation
Station Communication Systems
Station Lighting
Steam Generator Blowdown

North Anna Power Station

Bearing Cooling Water
Boron Recovery and Primary Grade Water
Chilled Water
Condensate Polishing and Makeup Water
Treatment
Electrical Instrumentation and Computer
Fire Protection
Fuel and Decontamination Building Ventilation
Gaseous Waste
Miscellaneous Building Ventilation Systems
Containment Ventilation
Primary and Secondary Plant Gas Supply
Primary Vents and Drains
Sampling Systems
Secondary Vents and Drains
Service Building Ventilation
Station Communication Systems
Station Lighting
Steam Generator Blowdown
Turbine Building Ventilation