

17-11-79

Docket Nos. 50-280
and 50-281

Mr. W. L. Proffitt
Senior Vice President - Power
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Distribution
~~to~~ Docket Files 50-280 TERA
and 50-281 ACRS (16)
NRC PDR(2)
Local PDR
ORB Reading
NRR Reading
W. Gammill
D. Eisenhut
B. Grimes
T. J. Carter
W. Russell
Attorney, OELD
OI&E (3)
A. Schwencer
D. Neighbors
P. Kreutzer
J. Buchanan

Dear Mr. Proffitt:

We have reviewed your letter dated September 26, 1977, which provided information concerning degraded grid voltage in response to NRC request dated June 3, 1977. We have determined that the additional information in the enclosure is necessary in order to continue our review.

To enable us to maintain a review schedule consistent with our objective of resolving this issue by the end of 1979, please submit the requested information and Technical Specification changes within 45 days of receipt.

We appreciate your cooperation on this issue.

Sincerely,

REGULATORY DOCKET FILE COPY

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosure:
As Stated

cc: w/enclosure
See next page

App 3
CCB

OFFICE	DOR:ORB	DOR:ORB			
SURNAME	DNeighbors	jc ASchwencer			
DATE	07/11/79	07/11/79			7.9.11.07.05.6.7



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

July 11, 1979

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and 50-281

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Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer", is written over the typed name.

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosure:
As Stated

cc: w/enclosure
See next page

Mr. W. L. Proffitt
Virginia Electric and Power Company

-2-

July 11, 1979

cc: Mr. Michael W. Maupin
Hunton and Williams
Post Office Box 1535
Richmond, Virginia 23213

Swem Library
College of William and Mary
Williamsburg, Virginia 23185

Donald J. Burke
U. S. Nuclear Regulatory Commission
Region II
Office of Inspection and Enforcement
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

cc: W. Enclosure
See next page

REQUEST FOR ADDITIONAL INFORMATION

SURRY UNITS 1 AND 2

DEGRADED GRID VOLTAGE

1. Degraded voltage protection is not provided between 80-90% of nominal voltage. Sustained voltage, even for a short period of time, within this range may cause damage to electrical equipment. Present an analysis that supports your design of not having protection within this range; or provide appropriate protection between 80-90% of nominal voltage.
2. Describe the sequence of events, (such as load shedding, bus de-energization, load sequencing, etc.) if, while on onsite power, the onsite power source is interrupted. Describe the reinstatement or basis for no reinstatement of load shedding.
3. Describe how the IEEE Std. 279-1971 requirements are satisfied in the design of the voltage monitors of second-level protection.
4. Submit a proposed change to the Surry Units 1 and 2 Technical Specifications including test schedule for channel check, calibration, and functional testing.