

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

July 28, 1993

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Serial No. 93-292A
NL&P/GDM R1
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Gentlemen:

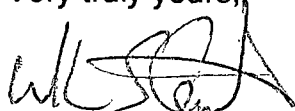
VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNITS 1 AND 2
STATION BLACKOUT (10 CFR 50.63)
CONTROL OF THE AAC POWER SOURCE

Virginia Electric and Power Company has reviewed the NRC staff's supplemental safety evaluation (SSE) provided in your letter dated June 25, 1993. The SSE approved our May 10, 1993 proposal (Serial No. 92-292) to meet the requirements of the station blackout rule with one alternate AC (AAC) diesel generator in lieu of the two AAC diesels previously approved. Although we are in agreement with the conclusions of the Staff's evaluation, we would like to clarify a statement made in Section 2.2, Alternate AC Power Source, of the SSE and note a minor change in design from that previously proposed.

Section 2.2 of the SSE states that, "The AAC power source can be manually started from the control room and also from the AAC building." In clarification, the AAC source can be started from the AAC building, but it cannot be started from the control room. The AAC diesel generator will auto-start on loss of reserve power and will power AAC auxiliary equipment until aligned by the control room operator to transfer buses "D" and "E" as required. The design now requires the operator to energize the transfer buses manually from the control room. This design feature was incorporated to provide additional assurance that the AAC diesel will not be automatically aligned to an already energized bus. Operator actions within the control room are then required to restore power to one emergency bus in each unit and to operate selected SBO loads for each unit after energizing the appropriate transfer bus(es).

If you have any questions or require additional information, please contact us.

Very truly yours,



W. L. Stewart
Senior Vice President - Nuclear

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cc: U. S. Nuclear Regulatory Commission
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Surry Power Station