

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

October 11, 1985

Mr. Harold R. Denton, Director	Serial No.	85-316
Office of Nuclear Reactor Regulation	NO/JDH:acm	
Attn: Mr. H. L. Thompson, Jr., Director	Docket Nos.	50-280
Division of Licensing		50-281
U. S. Nuclear Regulatory Commission		50-338
Washington, D. C. 20555		50-339
	License Nos.	DPR-32
		DPR-37
		NPF-4
		NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNIT NOS. 1 AND 2
NORTH ANNA POWER STATION UNIT NOS. 1 AND 2
RESPONSE TO 10 CFR 50.62(d)

10 CFR 50.62(d) requires licensees to develop and submit a proposed schedule for meeting the requirements for an Anticipated Transient Without Scram (ATWS) mitigation system within 180 days after issuance of the QA guidance (NRC Generic Letter 85-06, dated April 16, 1985).

Currently, Vepco is evaluating ATWS mitigation systems available through various vendors and industry suppliers. Our evaluation is considering the compliance requirements for both Surry and North Anna and how an ATWS mitigation system must interface with the existing plant design. Additionally, the procurement lead time, reliability of available systems, and system costs are being studied to provide input to our implementation scheduling effort. This technical engineering evaluation is scheduled to be completed by the end of December 1985.

The evaluation will provide conceptual design information, and estimated engineering costs and schedules. This will be used to develop construction and total project cost and schedule information to provide an implementation plan to management. Vepco must then ensure that the proposed implementation plan conforms with our Integrated Living Schedule program, currently under development within the company. This implementation plan is scheduled to be completed by the end of the first quarter, 1986. Therefore, by April 15, 1986, we will inform you of the

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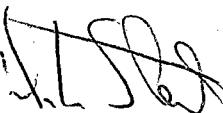
VIRGINIA ELECTRIC AND POWER COMPANY TO Mr. Harold R. Denton

anticipated North Anna and Surry refueling outages for which installation of the selected design is planned. If this schedule exceeds the guidelines specified in 10 CFR 50.62(d), (i.e., the second refueling outage after July 26, 1984), we will work with you as specified in 10 CFR 50.62(d) to determine a mutually agreeable schedule. Based on our current understanding of the status of this issue both within NRC and in industry, we anticipate our implementation dates will exceed the guidelines.

We note that the NRC is currently reviewing the proposed Westinghouse Generic Design Package (WCAP-10858) for ATWS Mitigating System Actuation Circuitry (AMSAC). Our evaluation of the interface with existing plant designs is being based, in part, on the Westinghouse generic design. It is anticipated that the NRC staff's review will not significantly alter the AMSAC design basis proposed by Westinghouse. However, if changes are made to the Westinghouse AMSAC generic design basis as a result of the staff's SER, Vepco may require additional time to factor such changes into our evaluation.

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

Very truly yours,



W. L. Stewart

VIRGINIA ELECTRIC AND POWER COMPANY TO Mr. Harold R. Denton

cc: Dr. J. Nelson Grace
Regional Administrator
Region II

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