

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

May 26, 1987

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Serial No. 87-188
E&C/NPW/gmj
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
PROPOSED TECHNICAL SPECIFICATIONS CHANGE
SURRY IMPROVED FUEL ASSEMBLY

Pursuant to 10 CFR 50.90, the Virginia Electric and Power Company requests amendments, in the form of changes to the Technical Specifications, to Operating License Nos. DPR-32 and DPR-37 for Surry Power Station Units 1 and 2, respectively.

These amendments are submitted to support a planned fuel design change from the Westinghouse Low Parasitic 15x15 (LOPAR) Fuel Assembly to the 15x15 Surry Improved Fuel Assembly (modified Westinghouse 15x15 Optimized Fuel Assembly).

The new assembly design utilizes Zircaloy grids and smaller diameter thimble tubes. As a consequence of smaller diameter thimble tubes, a change to the Technical Specification governing the maximum allowable control rod drop time is being requested. In addition, a change is being requested to the design DNBR limit to accommodate the use of the WRB-1 DNB correlation with the new fuel assembly. The proposed changes to the Technical Specifications are provided in Attachment 1 and are needed to support initial use of the Surry Improved Fuel in Surry Unit 1 Cycle 10. Attachment 2 provides a safety evaluation and significant hazards determination of the fuel assembly design change.

This request has been reviewed by the Station Nuclear Safety and Operating Committee and the Safety Evaluation and Control staff. It has been determined that this request does not involve any unreviewed safety questions as defined in 10 CFR 50.59 or a significant hazards consideration as defined in 10 CFR 50.92.

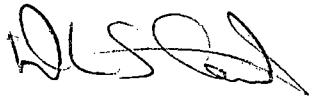
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We have evaluated this request in accordance with the criteria in 10 CFR 170.12. A voucher check in the amount of \$150.00 is enclosed as an application fee.

Very truly yours,



W. L. Stewart

Attachments

1. Proposed Technical Specification Changes
2. Safety Evaluation for Fuel Assembly Design Change
3. Application Fee

cc: U. S. Nuclear Regulatory Commission
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