



Westinghouse  
Electric Corporation

Water Reactor  
Divisions

Nuclear Technology Division

Box 355  
Pittsburgh Pennsylvania 15230

NS-EPR-2649

August 31, 1982

Mr. C. H. Berlinger, Chief  
Core Performance Branch  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

ATTENTION: Mr. D. Fieno

Dear Mr. Berlinger:

Enclosed are:

- 1) Twenty-five (25) copies of a Westinghouse document titled, "Relaxation of Constant Axial Offset Control" (Proprietary).
- 2) Fifteen (15) copies of a Westinghouse document titled, "Relaxation of Constant Axial Offset Control" (Non-Proprietary).
- 3) Twenty-five (25) copies of a Westinghouse document titled, "The FQ Surveillance Technical Specifications" (Proprietary).
- 4) Fifteen (15) copies of a Westinghouse document titled, "The FQ Surveillance Technical Specifications" (Non-Proprietary).

Also enclosed are:

- A) One (1) copy of Application for Withholding, AW-82-53 (Non-Proprietary).
- B) One (1) copy of original Affidavit (Non-Proprietary).

The first enclosure, titled "Relaxation of Constant Axial Offset Control", is information supplied for your review regarding an improved Westinghouse methodology for power distribution control. The major operational differences between this new methodology (RAOC) and Constant Axial Offset Control (CAOC) are: a) elimination of the target band (typically  $\pm 5\% \Delta I$ ) and b) the widening and extension to 100% power of the administrative limits. These differences result in increased operational flexibility and should eliminate those few instances where power escalation is limited due to operator inability to maintain the indicated  $\Delta I$  within the target band. The information provided is generic in scope with examples provided for a typical case.

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*T007-1/24 143 Relaxation  
of Constant Axial Offset Control - Prop  
The FQ Surveillance Tech Specs - Prop*

*T008-1/15 244 Non-Prop Version  
of the above*

Mr. C. H. Berlinger  
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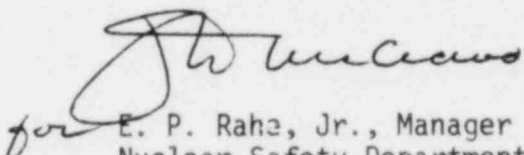
Your review of the enclosed and subsequent approval of the approach and methodology is requested. Plant specific calculations noting the plant specific administrative limits will be provided on the individual plant docket.

The second enclosure, titled "The FQ Surveillance Technical Specifications", is information supplied for your review regarding an improved Westinghouse methodology for the surveillance of FQ. The information provided is similar to that discussed with Mr. M. Dunenfeld of your staff in a meeting on February 25, 1981, and notes two types of Technical Specifications, a) for RAOC and b) for CAOC. Please note that only the RAOC version of the Technical Specifications has been provided as part of this enclosure. The CAOC version of the Technical Specifications will be provided as an addendum when utilized for the first time. Your review of this enclosure and subsequent approval of the approach and methodology in the generic sense for both RAOC and CAOC is requested.

This submittal contains proprietary information of Westinghouse Electric Corporation. In conformance with the requirements of 10CFR Section 2.790, as amended, of the Commission's regulations, we are enclosing with this submittal an application for withholding from public disclosure by the Commission.

Correspondence with respect to the affidavit or application for withholding should reference AW-82-53 and should be addressed to R. A. Wiesemann, Manager, Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230.

Very truly yours,

  
for E. P. Raha, Jr., Manager  
Nuclear Safety Department

CRT/kk  
Enclosures