

TENNESSEE VALLEY AUTHORITY

PROPRIETARY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

MAR 24 1989

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

Gentlemen:

In the Matter of the Application of)
Tennessee Valley Authority)

Docket Nos. 50-390
50-391

WATTS BAR NUCLEAR PLANT (WBN) - RESISTANCE TEMPERATURE DETECTOR (RTD) BYPASS
ELIMINATION AUDIT READINESS

- References:
1. NRC letter to S. A. White (TVA) dated April 27, 1987, "Audit Report on Verification and Validation Plan For The Eagle 21 System Utilization"
 2. TVA letter to NRC dated July 20, 1988, "Watts Bar Nuclear Plant (WBN) - Resistance Temperature Detector (RTD) Bypass Loop Elimination and Eagle 21 Electronics Upgrade - Status Update"

Reference 1 provided the results of NRC staff's first audit of the verification and validation plan for the Eagle 21 System upgrade and RTD bypass elimination at WBN. At that time the need for a second audit was identified. The purpose of this letter is to demonstrate TVA's audit readiness by formally providing a proposal agenda and schedule and to provide a number of outstanding reports related to this issue. Advance copies of this information were provided to Raj Auluck on March 2, 1989. The transmittal of this information, coupled with the information previously provided by reference 2, is considered to adequately address the open items on this issue.

Enclosed are:

- Westinghouse Electric Corporation, "Equipment Qualification Test Report Eagle 21 Process Protection System," revision 0: enclosure 1 - WCAP-8687, Supp. 2-E69A, proprietary version; enclosure 2 - WCAP-8587, Supp. 1-EQDP-ESE-69A, nonproprietary version.
- Westinghouse Electric Corporation, "Noise, Fault, Surge, and Radio Frequency Interface Test Report for Eagle 21 Process Protection Upgrade System," dated June 1988: enclosure 3 - WCAP-11733, proprietary version; enclosure 4 - WCAP-11896, nonproprietary version.
- WE&CS/SR(89)-005, "Eagle 21 Process Protection System Replacement Hardware Verification and Validation Report," dated February 24, 1989 (proprietary), enclosure 5.

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PROPRIETARY INFORMATION ATTACHED,
WHEN SEPARATED, THIS PAGE IS
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- ° Proposed Final Audit Agenda (enclosure 6).
- ° Enclosure 7 is a Westinghouse application for withholding proprietary information from public disclosure AW-80-27, with accompanying affidavit and proprietary information notice.

Because this letter contains information proprietary to Westinghouse, it is supported by an affidavit signed by Westinghouse, the owner of the information (enclosure 7). The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of 10 CFR, section 2.790, of the Commission's regulations.

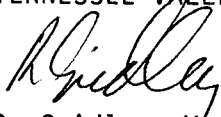
Accordingly, it is respectfully requested that the information, which is proprietary to Westinghouse, be withheld from public disclosure in accordance with 10 CFR, section 2.790, of the Commission's regulations. Correspondence with the respect to the proprietary aspects of the application for withholding or the supporting Westinghouse affidavit should reference AW-80-27 and should be addressed to R. A. Wiesemann, Manager, Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230.

Due to the nature of the licensing risk associated with diverging from a previously approved design, TVA believes it is appropriate to receive affirmation and finalization of NRC's endorsement (initially provided by reference 1) before proceeding with installation. Implementation of the RTD bypass elimination modification requires that installation begin by mid-May 1989 to support system completion. This schedule constraint was discussed most recently with Suzanne Black from NRC's Office of Special Projects on March 14, 1989. TVA requests NRC's review and confirmation of the schedule for a final audit, if a second audit is required. The results of NRC's review and endorsement of this plant-modification approach are requested by May 1, 1989, to support the system completion requirements.

There are no new commitments made by this letter. Please provide two weeks advance notice of the audit to assure appropriate coordination with the TVA contractor. If there are any questions, please telephone T. W. Horning at (615) 365-3381.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


R. Gridley, Manager
Nuclear Licensing and
Regulatory Affairs

Enclosures
cc: See page 3

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Enclosures

cc: Ms. S. C. Black, Assistant Director (w/PROPRIETARY DOCUMENT)
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

Ms. L. J. Watson, Acting Assistant Director (w/PROPRIETARY DOCUMENT)
for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

U.S. Nuclear Regulatory Commission (w/PROPRIETARY DOCUMENT)
Watts Bar Resident Inspector
P.O. Box 700
Spring City, Tennessee 37381

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