

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

NOV 20 1986

Director of Nuclear Reactor Regulation
Attention: Mr. B. Youngblood, Project Director
PWR Project Directorate No. 4
Division of Pressurized Water
Reactor (PWR) Licensing A
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Youngblood:

In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority) 50-391

WATTS BAR NUCLEAR PLANT (WBN) - HEAT TREATING ON U-BEND PORTION OF STEAM
GENERATOR TUBES

In my July 22, 1986 letter to you, we informed you of TVA's intent to perform heat treating on the U-bend portion of the WBN steam generator tubes. This process reduces residual stresses and enhances resistance to primary water stress corrosion cracking. T. J. Kenyon of the your staff has requested additional information on this program. In response, enclosed are:

1. Fifteen copies of WCAP-11177, Row 1 and Row 2 U-bend Heat Treatment, Licensing Report, for the Watts Bar Nuclear Plants Units 1 & 2, Proprietary Class 2 (Proprietary), prepared by Westinghouse dated July 1986.
2. Fifteen copies of WCAP-11176, Row 1 and Row 2 U-Bend Heat Treatment, Licensing Report, for the Watts Bar Nuclear Plants Units 1 & 2, Proprietary Class 3 (Non-Proprietary) prepared by Westinghouse dated July 1986.

Also enclosed is a Westinghouse Application for Withholding, CAW-86-064, accompanying affidavit, and Proprietary Information Notice.

As this submittal contains information proprietary to Westinghouse Electric Corporation, it is supported by an affidavit signed by Westinghouse, the owner of the information. 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 Section 2.790 of the Commission's regulations.

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Director of Nuclear Reactor Regulation

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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 respect to the proprietary aspects of the Application for Withholding or the supporting Westinghouse affidavit should reference CAW-86-064 and should be addressed to R. A. Wiesemann, Manager Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230.

If you have any questions on this topic, please get in touch with Bernard Gergos at (615) 365-8837.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



R. Gridley, Director
Nuclear Safety and Licensing

Enclosure (1)

cc (Enclosure):

U.S. Nuclear Regulatory Commission (2)
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

U.S. Nuclear Regulatory Commission (1)
Region II
Attn: G. G. Zech, Director, TVA Projects
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Tom Kenyon (1)
Watts Bar Project Manager
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20814

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