



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381-2000

John A. Scalice
Site Vice President, Watts Bar Nuclear Plant

JUL 21 1997

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

Gentlemen:

In the Matter of
Tennessee Valley Authority

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)

Docket No. 50-390

WATTS BAR NUCLEAR PLANT (WBN) UNIT 1 - TECHNICAL SPECIFICATION
CHANGE 97-001 - TRITIUM PRODUCING BURNABLE ABSORBER ROD (TPBAR) -
WATTS BAR CYCLE 2 MODEL COMPARISON OF OPERATION WITH AND WITHOUT
TPBARS - PHOENIX-P/ANC COMPUTER SOFTWARE CHANGES

The purpose of this letter is to provide the Westinghouse cycle 2
core model comparison study involving operation with and without
TPBARS. Enclosure 1 provides this comparison study to facilitate
NRC's review of the license amendment for the lead test assembly
project.

Enclosure 2 provides information related to changes made to the
PHOENIX-P/ANC computer software as discussed in the response to
question 10 contained in TVA letter dated June 18, 1997. That
enclosure contains information proprietary to Westinghouse.
Enclosure 3 provides the non-proprietary version. Enclosure 4
includes a Westinghouse Application for Withholding Proprietary
Information from Public Disclosure, and accompanying affidavit
signed by Westinghouse, the owner of the information. Also
included in Enclosure 4 are a Proprietary Information Notice and a
Copyright Notice. 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 2.790 of the Commission's
regulations. Accordingly, TVA requests that the Westinghouse
proprietary information be withheld from public disclosure in
accordance with 10 CFR 2.790.



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MATERIALS TRANSMITTED HERewith
CONTAINS 2.790 INFORMATION

change: NRC PDR

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U.S. Nuclear Regulatory Commission

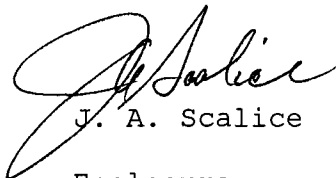
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Correspondence regarding the proprietary aspects of the Westinghouse report listed above, the Copyright Notice, or the supporting affidavit should reference Westinghouse letter CAW-97-1137 and be addressed to N. J. Liparulo, Manager of Equipment Design and Regulatory Engineering, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

If you should have any questions, please contact P. L. Pace at (423) 365-1824.

Sincerely,



J. A. Scalice

Enclosures

cc: See page 3

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cc (Enclosures):

NRC Resident Inspector
Watts Bar Nuclear Plant
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Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
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**MATERIALS TRANSMITTED HERewith
CONTAINS 2790 INFORMATION**

ENCLOSURE 4

PROPRIETARY INFORMATION NOTICE,
COPYRIGHT NOTICE, AND
APPLICATION FOR WITHHOLDING PROPRIETARY
INFORMATION FROM PUBLIC DISCLOSURE
WESTINGHOUSE LETTER, CAW-97-1137

**MATERIALS TRANSMITTED HEREWITH
CONTAINS 2.790 INFORMATION**

Proprietary Information Notice

Transmitted herewith are proprietary and/or non-proprietary versions of documents furnished to the NRC in connection with requests for generic and/or plant-specific review and approval.

In order to conform to the requirements of 10 CFR 2.790 of the Commission's regulations concerning the protection of proprietary information so submitted to the NRC, the information which is proprietary in the proprietary versions is contained within brackets, and where the proprietary information has been deleted in the non-proprietary versions, only the brackets remain (the information that was contained within the brackets in the proprietary versions having been deleted). The justification for claiming the information so designated as proprietary is indicated in both versions by means of lower case letters (a) through (f) contained within parentheses located as a superscript immediately following the brackets enclosing each item of information being identified as proprietary or in the margin opposite such information. These lower case letters refer to the types of information Westinghouse customarily holds in confidence identified in Sections (4)(ii)(a) through (4)(ii)(f) of the affidavit accompanying this transmittal pursuant to 10 CFR 2.790(b)(1).

Copyright Notice

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