



Westinghouse
Electric Corporation

Energy Systems

Nuclear and Advanced
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NTD-NRC-94-4095
NTD-NSA-SAI-94-179
April 13, 1994

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

Attention: Mr. William T. Russell

Subject: Submittal of WCAP-13677-P-A (Proprietary) and WCAP-13988-A (Non-Proprietary), "10CFR50 Evaluation Model Report: WCOBRA/TRAC Two-Loop Upper Plenum Injection Model Updates to Support ZIRLO™ Cladding Option"

Dear Mr. Russell:

Enclosed are ten (10) copies of WCAP-13677-P-A (Proprietary) and (10) copies of WCAP-13988-A (Non-Proprietary), "10CFR50 Evaluation Model Report: WCOBRA/TRAC Two-Loop Upper Plenum Injection Model Updates to Support ZIRLO™ Cladding Option."

The purpose of this letter is to submit accepted versions of the reports describing the modifications to the WCOBRA/TRAC UPI Model to support the use of ZIRLO™ cladding. A non-proprietary version is also provided based on the acceptance of WCAP-13677-P-A.

In conformance with the requirement of 10CFR Section 2.790, as amended, of the Commission's regulations, we are enclosing with this submittal an Application for Withholding Proprietary Information from public disclosure and an Affidavit. The Affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission.

Correspondence with respect to the Affidavit or Application for Withholding should reference AW-94-610 and should be addressed to N. J. Liparulo, Nuclear Safety and Regulatory Activities, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania, 15230-0355.

This material is for your internal use only and may be used for only that purpose for which it is submitted. It should not be otherwise used, disclosed, duplicated, or disseminated, in whole or in part, to any other person or organization outside of the Office of Nuclear Reactor Regulation without the express written approval of Westinghouse.

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TOD8 /10 NP*

NTD-NRC-94-4095
NTD-NSA-SAI-94-179
April 13, 1994
Page 2

If you have any questions, please contact J. S. Spaargaren at (412) 374-4729, or M. E. Nissley at (412) 374-4303.

Very truly yours,


N. J. Liparulo/Manager
Nuclear Safety and Regulatory Activities

JSS/sm

Enclosure(s)

cc: R. Jones, RSB
F. Orr, RSB