



Westinghouse
Electric Corporation

Energy Systems

Nuclear and Advanced
Technology Division

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NTD-NRC-94-4139
NTD-NSA-SAI-94-225
May 18, 1994

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

Attention: Mr. William T. Russell

Subject: Submittal of the Safety Evaluation Report (SER) for 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 twenty (20) copies of the Safety Evaluation Report (SER) for 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."

Letter NTD-NRC-94-4095, dated April 18, 1994, transmitted the subject WCAP's but the SER was
inadvertently omitted. Please insert one copy of the SER into each copy of the subject WCAP's.

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 Regulatory and Licensing
Activities, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania, 15230-0355.

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 Regulatory and Licensing Activities

JSS/sm

Enclosure(s)

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

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