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Energy Systems

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NTD-NRC-94-4247
DCP/NRC0172
Docket No.: STN-52-003

July 28, 1994

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

ATTENTION: MR. R. W. BORCHARDT

SUBJECT: AP600 PASSIVE CONTAINMENT COOLING SYSTEM LETTER REPORTS

Dear Mr. Borchardt:

Enclosed is a letter report addressing a phenomenological topic for the AP600 Passive Containment Cooling System (PCCS). This letter report is the fifth in a series of reports intended to provide the NRC with a status on ongoing activities associated with the validation activities for the WGOOTHIC computer code.

Enclosure 1 - Westinghouse AP600 Letter Report, "Method for Determining Film Flow Coverage for the AP600 Passive Containment Cooling System," July, 1994

Enclosure 2 - Non proprietary copy of Enclosure 1

The enclosed letter report provides an evaluation of the model developed to predict the water coverage of the AP600 containment shell.

The Westinghouse Electric Corporation copyright notice, proprietary information notice, application for withholding and affidavit are attached.

This submittal contains Westinghouse proprietary information consisting of trade secrets, commercial information or financial information which we consider privileged or confidential pursuant to 10CFR2.790. Therefore, it is requested that the Westinghouse proprietary information attached hereto be handled on a confidential basis and be withheld from public disclosures.

July 28, 1994

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Correspondence with respect to the application for withholding should reference AW-94-701, and should be addressed to N. J. Liparulo, Manager of Nuclear Safety Regulatory And Licensing Activities, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania, 15230-0355.

Please contact Brian A. McIntyre on (412) 374-4334 if you have any questions concerning this transmittal.



N. J. Liparulo, Manager
Nuclear Safety Regulatory And Licensing Activities

/nja

Enclosures
Attachments

cc: T. Kenyon, NRC (w/o Enclosures/Attachments)
R. Hasselberg, NRC
C. Hoxie, NRC
A. Notafrancesco, NRC
P. Boehnert, ACRS
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Enclosure 1 to Westinghouse Letter NTD-NRC-94-4247