



Westinghouse Energy Systems  
Electric Corporation

Box 355  
Pittsburgh Pennsylvania 15230-0355

NTD-NRC-94-4063  
DCP/NRC0005  
Docket No.: STN-52-003

February 11, 1994

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

ATTENTION: R. W. BORCHARDT

SUBJECT: TRANSMITTAL OF AP600 PROTECTION SYSTEM BYPASS LOGIC  
REPORTS

Dear Mr. Borchardt:

Attached are WCAP-8897, Addendum 2 (Proprietary Class 2) and WCAP-8898, Addendum 2 (Non-Proprietary), both entitled "Bypass Logic for the Westinghouse Integrated Protection System, AP600 Bypass Logic Implementation Description." These WCAPs are provided per commitments made in response to NRC RAI 420.117.

These WCAPs are addendums to WCAP-8897 (Proprietary) and WCAP-8898 (Non-Proprietary) which functionally describe the bypass logic used in Westinghouse advanced instrumentation and control systems. The Addendum 2 is provided to describe the specific implementation of the reactor trip logic system that incorporates the bypasses of the reactor trip functions for the AP600 protection and safety monitoring system.

Enclosed with Mr. Hasselberg's letter are ten copies of WCAP-8897, Addendum 2 and two copies of WCAP-8898, Addendum 2.

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 10CFR9.17(a)(4). Therefore, it is requested that the Westinghouse proprietary information attached hereto be handled on a confidential basis and be withheld from public disclosures.

This material is for your internal use only and may be used for the 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 the Commission, the Office of Nuclear Reactor Regulation, the Office of Nuclear Regulatory Research and the necessary subcontractors that have signed a proprietary non-disclosure agreement with Westinghouse without the express written approval of Westinghouse.

181112 N5FC } N. PROP  
NRC PDR } ONLY

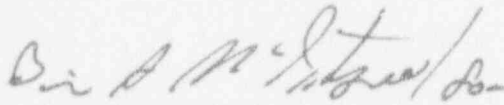
EP04  
111

1508A  
9402220254 940211  
PDR ADOCK 05200003  
A PDR

February 11, 1994

Correspondence with respect to the application for withholding should reference AW-94-590, and should be addressed to N. J. Liparulo, Manager of Nuclear Safety And Regulatory 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 Activities

/nja

Attachment

cc: R. Hasselberg, NRC  
T. Kenyon, NRC (w/o attachments)  
B. McIntyre, Westinghouse