



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 WASHINGTON, D. C. 20555

MEMORANDUM FOR: Distribution

FROM: Jerry N. Wilson, Project Manager, Light Water Reactors
 Branch No. 4, DPM

SUBJECT: BABCOCK & WILCOX TOPICAL REPORT *BAW-10085P, Rev. 6*

TITLE: *REACTOR PROTECTION SYSTEM - RPS-II*

New: _____ Approved: _____ Supplemental Information to
 Existing Report X

This memorandum and the enclosed letter is distributed to inform you of the availability of the subject report and/or additional information which was submitted for our review under the Topical Report Review Program. The report and/or additional information is distributed as indicated below by numbers adjacent to appropriate organizations or names. A Technical Assistance Request will be initiated shortly. Additional copies may be obtained from the Records Service Branch (Room 016).

Jerry N. Wilson
 Jerry N. Wilson, Project Manager
 Light Water Reactors Branch No. 4
 Division of Project Management

Enclosure:
 As stated

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7905076553

April 12, 1979

Mr. D. B. Vassallo
Assistant Director for LWR
Division of Project Management
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Vassallo:

Enclosed are 40 copies of B&W proprietary Topical Report BAW-10085P, Revision 6, "Reactor Protection System."

This revision reports on the successful completion of the calculating module software verification. A description of the verification performed and a summary of the final results are presented in Section 5.4.2. With incorporation of this information, BAW-10085P now includes the final calculating module design.

Also included in this revision of the report are the software changes made as a result of the qualification testing. The software listing and cross references (Appendixes C, D, E, and F) have been appropriately revised.

This revision consists of revised pages to Volume 1 which are to be inserted in the existing Volume 1 (Revision 5) and a complete replacement Volume 2 (Revision 6) for the existing Volume 2 (Revision 5).

Portions of this revision contain information developed solely by B&W. The details of the RPS-II design and development methodology contained in this report are not available in the open literature and disclosure would provide knowledgeable individuals with information which might impair B&W's competitive position. This material has been held confidential within the Company and has not been disclosed to any other person except on a proprietary basis. The proprietary Topical Report BAW-10085 was originally submitted June 4, 1974 (J. F. Mallay to A. Giambuso). A non-proprietary version of this revision will be supplied in the near future.

Babcock & Wilcox

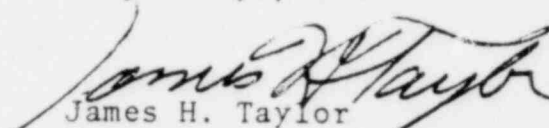
Mr. D. B. Vassallo

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April 12, 1979

If you have any questions, please contact Mr. G. C. Schieck
of my Staff (Ext. 2971).

Very truly yours


James H. Taylor
Manager, Licensing

JHT/fw
Attachment

cc: R. B. Borsum (B&W) (2 copies)

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PROPRIETARY INFORMATION

Proprietary Info Consisting of modifications
to Subject Facility's Security Plan.

1P+1P

Jim Lusknight
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Regulatory File Room