



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

OCT 23 1979

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MEMORANDUM FOR: Distribution - Bulletins & Orders Task Force
FROM: W. Kane, Acting Group Leader, Projects Group B&O Task Force
SUBJECT: CURRENT B&OTF ACTIVITIES

My October 17, 1979 memorandum included a summary of the status and potential problems for B&W, W, and BWR plants. Attached is a summary for the CE plants.

The B&OTF meeting to be held on October 24, 1979 will include a discussion by the project managers of the matters contained in the four summaries.

A handwritten signature, likely of W. Kane, is written above the typed name.

W. Kane, Acting Group Leader
Projects Group
Bulletins and Orders Task Force

Attachment:
As stated

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D. SUMMARY OF STATUS OF B&O TASK FORCE REVIEW OF C-E DESIGNED OPERATING PLANTS

1. Bulletin Review

A. Background

- IE Bulletin No. 79-06B issued April 14, 1979
- Licensee responses to Items 1 thru 11 received late April/early May.
- No Technical Specification changes (Item 12) proposed.
- Bulletin Review Group formed
 - S. Varga, Review Manager (DPM), M. Williams (DPM)
 - K. Mahan (DPM) N. Wagner (DSS)
 - C. Trammell (DOR) T. Wambach (DOR)
 - R. Woodruff (I&E)
- Review Group prepared draft safety evaluations based on responses and generated requests for additional information for each plant, as appropriate (early June).
- Review Group prepared and issued its evaluation of the responses for Millstone 2 with no open items (June 7, 1979).
- ORPM's telecopied the draft safety evaluations and requests for additional information to the licensees (early June).
- Licensee submitted responses to the RAI's (late June/mid July).
- New Bulletin Review Group formed (mid June)
 - I. Villalva, B&O Proj. Mgr., N. Wagner (B&O)
 - K. Mahan (B&O) R. Woodruff (I&E)
 - T. Wambach (DOR) Cognizant ORPM's
- Requests for additional information regarding IE Bulletin 79-06B issued to all C-E operating plants except Millstone 2, (late July).
- Licensees submit responses to the July RAI's (early August).
- IE Bulletin No. 79-06C issued July 26, 1979. (Note: This bulletin supersedes and reverses the actions prescribed in Item 7.c. of IE Bulletin 79-06B, (i.e., the reactor coolant pumps are to be tripped).

B. Current Status

- ORPM's updating safety evaluation based on licensees' responses to the RAI's issued in late July for IE Bulletin 79-06B only.
- Licensees' responses to items 2 and 3 of Bulletin 79-06C submitted in report CEN-115-P. Item 1 is being complied with, and items 4 and 5 contingent upon our approving the guidelines contained in CEN-115-P. (Note: The guidelines contain recommendations to keep one RCP per loop running. This is in conflict with Item 1 of the bulletin and with our current thinking, i.e., trip all RCP's.)

C. Future Work and Schedule

- Bulletin 79-06B: Completion and updating of safety evaluation for each plant by ORPM assigned said plant. This effort is contingent upon licensees' responses to RAI's issued in July; however, completion date for this activity cannot be estimated at this time (see problems, below).
- Bulletin 79-06C: Evaluation of guidelines for operating procedures contained in report no. CEN-115-P should be completed by 11/02/79. This date is on the critical path for developing and implementing improved operating procedures by December 31, 1979.

Evaluation of the analyses contained in this report (CEN-115-P) is scheduled for completion in late November.

D. PROBLEMS

- Bulletin 79-06B: ORPM's have not provided the needed input to revise and update the "draft" evaluation report associated with each specific plant. Apparently this is a low priority item in DOR.
- Bulletin 79-06C: The problems associated with this bulletin include (1) inordinate time delay in getting responses from the Regions which were the recipients of the original information, (this is applicable to Items 1, 4 and 5, responses to item 2 and 3 were included in report CEN-115-p); (2) resolution of whether the RCP's should be tripped or not; (3) approval of the guidelines contained in report CEN-115-P in a timely manner; and (4) evaluation and acceptance of the analyses contained in report CEN-115-P.

2. GENERIC REVIEW

A. Background

- Effort involving eight operating reactors with C-E designed NSSS's started in May 1979.
- Scope includes feedwater transients, analyses of auxiliary feedwater systems, small break LOCA analysis, generic guidelines for developing improved operational procedures, operator training, semiscale predictions and LOFT predictions, and natural circulation.
- Met with licensees with C-E designed operating plants regarding AFWS during the week of May 8, 1979. Based on the information obtained in these meetings, each AFWS system was reviewed and evaluated from a reliability standpoint.
- C-E Owners' Group formed in June, 1979.
- Request for information regarding small break LOCA's, i.e., analyses therefor and guidelines for the preparation of procedures to cope with same, including Michelson's concerns issued June 5, 1979.
- C-E, through the Owners' Group, prepared report No. CEN-114-1F, addressing the above request for information, (report is dated July, 1979).

B. Current Status

- AFWS: Two requirements letters have been sent to licensees (Maine Yankee and St. Lucie). The information for the Palisades plant is being typed (CRESS), and the other letters are in the concurrence chain. All letters should be issued by November 2, 1979.
- Generic Report NUREG 006xx: To date, most of the effort has been placed on the W generic report; however, it is anticipated that most of the work done for the W report will be applicable to the C-E report.
- The most pressing items currently being worked on are: (1) resolution of the RCP trip concern, and (2) acceptance of the guidelines for developing improved operating procedures.
- Appendix VIII, "Analyses" of the generic report being prepared, including recommendations for this section.

C. Future Work and Schedule

- Preparation of AFWS requirements letters for all C-E operating plants. This activity should be completed by November 2, 1979.
- Review of licensees' responses to the AFWS requirements letters. This activity should be scheduled for completion by mid December. (Note: the licensees are being asked to respond to the RAI within 30 days of receipt of the letter, and the last letter is scheduled for release by November 2.)
- Resolution of RCP trip. This item should be resolved during the forthcoming meeting with the C-E Owners' Group on November 30, 1979.
- Complete review and issue a safety evaluation report on the information (analyses) contained in CEN-114-P. This activity is presently scheduled for completion in late November.
- Complete and publish Generic Report NUREG-006xx. This report to be issued in early December.

D. Problems

- Priority: The work being done for the C-E generic report is in series with that of the W report. As a result, the que for this effort is contingent upon completion of the W report.
- Review & Approval of Guidelines: This activity is being hampered, in part, by availability of reviewers, i.e., the same personnel are reviewing the W guidelines, thus this activity is also sensitive to priority.
- Submittal of pretest data (prediction information) prior to LOFT small break tests scheduled for November 15, 1979. D. Ross working with F. Stern to resolve this matter.
- Semiscale comparison: Owners' Group initially proposed to confirm C-E

ECCS small break model by comparing results with separate effects tests rather than with those of the semiscale test. This proposal was not accepted; therefore, in lieu of comparing their small break ECCS model with the results of the semiscale test, C-E is providing us with a tape of their program for "storage". This program will be run at a later date and compared with the results of the semiscale test for verification purposes. This could create a schedule problem later if the results do not agree.

ACTIVITY TABLE

WORK ITEM	BEO PROJECT MANAGEMENT	BEO SYSTEMS GROUP	BEO ANALYSIS GROUP	DOR
BULLETINS:				
79-06B	Review evaluations	Review Evaluation	-	Update evaluation and issue (ORPM)
79-06C	Coordinate Evaluation	Evaluate Operational Guidelines contained in CEN-115-P.	Evaluate Analyses Contained in CEN-115-P.	Review, concur and issue evaluation (ORPM)
GENERIC ITEMS:				
AFWS Requirements	Prepare package and coordinate approval	Prepare evaluation and concur.	-	Review package for concurrence and dispatch (ORPM).
NUREG-06xx	Prepare report	Prepare evaluation of operational contained in CEN-114-P and CEN-115-P.	Prepare evaluation of analyses contained CEN-114-P and CEN-115-P.	-
RCP TRIP and HPI Termination Issues	Coordinate review and resolution of open items.	Resolve issues and prepare evaluation of guidelines.	Resolve issues and prepare evaluation of analyses.	-
Analysis requirements, including pretest predictions for LOFT and semi-scale tests.	Coordinate review and resolution of concerns	-	Prepare evaluation	Review evaluation and dispatch upon concurrence.