



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

November 5, 1979

Docket No. 50-312

Mrs. Dorothy Harvey
ATTN: Gabriel Holmes
Business and Municipal Department
Sacramento City-County Library
828 I Street
Sacramento, CA 95814

Dear Mrs. Harvey:

Enclosed are three binders containing Babcock and Wilcox (B&W) generic correspondence regarding the resolution of issues associated with all B&W designed 177 Fuel Assembly plants, including Rancho Seco. An index of this correspondence is also enclosed.

As you know, a hearing related to the Nuclear Regulatory Commission's (Commission's) Order of May 7, 1979 confirming the shutdown of Rancho Seco is scheduled to begin shortly. The subjects of the enclosed correspondence serve as some of the bases upon which the licensee (Sacramento Municipal Utility District) has taken or will take actions directly related to the immediate and long-term requirements of the Commission's Order. Since many of these documents will be the subject of formal discovery in the upcoming proceedings, they will prove useful to hearing participants and the general public as well. In the future, additional B&W generic documents and updated indices will be sent to you in order to keep this file current.

A copy of this letter and the Index of B&W Generic Correspondence is being sent to the Service List for Rancho Seco. A copy of that Service List is enclosed for your information.

Please feel free to contact me at any time concerning the Rancho Seco LPDR collection and the availability of Commission documents.

Sincerely,

A handwritten signature in cursive script that reads "Jona L. Souder".

Jona L. Souder, Chief
Local Public Document Room Branch
Division of Rules and Records
Office of Administration

Enclosures:

1. B&W Generic Correspondence w/Index
2. Service List

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244

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INDEX OF B&W GENERIC CORRESPONDENCE ASSOCIATED WITH THE 177FA PLANTS

| <u>NO.</u> (1979) | <u>DATE:</u> | <u>FROM:</u> (B&W) | <u>TO:</u> (NRC) | <u>SUBJECT:</u> |
|----------------------|--------------|-----------------------|---------------------|--|
| 1. | 04/17 | J. H. Taylor | R. J. Mattson | Revision to Operating Instructions in IE Bulletin 79-C5A (HPI Operation). |
| 2. | 04/20 | | | Extract of B&W Communications (Change of PORV and High Press. Trin Setpoints), |
| 3. | 04/25 | J. H. Taylor | R. J. Mattson | Summary of 04/24 Meeting with staff (additional analyses required), |
| 4. | 04/26 | D. H. Roy | R. J. Mattson | Submittal of Detailed Analyses of B&W Operating Plant Response to Transients. |
| 5. | 04/28 | J. H. Taylor | H. R. Denton | Scope and Schedule for ICS Reliability Analysis and Schedule for Developing AFW Independent of ICS. |
| 6. | 05/03 | J. H. Taylor | R. J. Mattson | Babcock and Wilcox Report BW-4689 "Pressurizer Reference Leg Effervescence Test" (Proprietary) Ltr. only sent to LPDR. |
| 7. | 05/04 | J. H. Taylor | D. F. Ross | Comments on "Summary of Meeting with B&W Regarding Natural Circulation." |
| 8. | 05/05 | J. H. Taylor | R. J. Mattson | "Operating Procedure Guidelines for Small Breaks." |
| 9. | 05/07 | J. H. Taylor | R. J. Mattson | "Evaluation of Transient Behavior and Small Reactor Coolant System Breaks in the 177 Fuel Assembly Plant" Volumes I and II |
| 10. | 05/08 | J. H. Taylor | R. J. Mattson | Revised Appendix 1 to Reference 9: "Natural Circulation in B&W Operating Plants (Revision 1)." |
| 11. | 05/10 | J. H. Taylor | T. M. Novak | Background information on RCP operation in response to NRC questions on Reference 9. |

1401

257

Page Two of Index

| <u>NO.</u> | <u>DATE:</u> | <u>FROM:</u> | <u>TO:</u> | <u>SUBJECT:</u> |
|------------|--------------|--------------|-----------------|---|
| 12. | 05/10 | J. H. Taylor | R. J. Mattson | Provides reference material and Supplement 1 to Appendix 2 to Reference 9: "Steam Generator Tube Thermal Stress Evaluation." |
| 13. | 05/12 | J. H. Taylor | R. J. Mattson | Provides to supplements to Reference 9: Volume 1 Section 6.0-Supplement 1, "Small Break in the Pressurizer (PORV) with no AFW and Single Failure of the ECCS Volume 1 Section 6.0-Supplement 2, "Small Break in the Pressurizer (PORV) with no AFW and Single Failure of the ECCS with Realistic Decay Heat." |
| 14. | 05/16 | J. H. Taylor | Z. R. Rosztoczy | Revised "Operating Guidelines for Small Breaks", (incorporating staff comments). |
| 15. | 05/18 | J. H. Taylor | R. J. Mattson | Forwards "Report on Analysis Methods for RCS Natural Circulation," dated May 16, 1979. |
| 16. | 05/18 | J. H. Taylor | S. A. Varga | Affidavit to support proprietary request for Reference 6. |
| 17. | 05/22 | J. H. Taylor | H. R. Denton | Independent AFW Control System (Supplements Reference 5). |
| 18. | 05/24 | J. H. Taylor | R. J. Mattson | Forwards Volume 1 Section 6.0-Supplement 3 to Reference 9 entitled, "Auxiliary Feedwater Flow Required for LOCA." |
| 19. | 05/25 | J. H. Taylor | T. M. Novak | Analysis of sequential auxiliary feedwater flow to the steam generators for a loss of MFW using TRAP-2 (Analysis will be forwarded 6/15/79). |
| 20. | 05/25 | R. Davis | B&W Owners' | Auxiliary Feedwater Testing (copy sent to NRC). |

1401
258

Page Three of Index

| <u>NO.</u> | <u>DATE:</u> | <u>FROM:</u> | <u>TO:</u> | <u>SUBJECT:</u> |
|------------|--------------|--------------|---------------|--|
| 21. | 05/30 | J. H. Taylor | S. Israel | Verification that AFW system will be adequate in the event of a total loss of main feedwater. |
| 22. | 06/08 | J. H. Taylor | R. J. Mattson | Discussion of NRC Request for Additional Small Break Analysis: Small Break LOCA with RCP trip at worst time. |
| 23. | 06/13 | J. H. Taylor | R. J. Mattson | Commitments Resulting from the TMI-2 incident. |
| 24. | 06/13 | J. H. Taylor | D. F. Ross | Response to Thermal Shock Concern. |
| 25. | 06/14 | J. H. Taylor | T. M. Novak | Reactor Vessel Brittle Fracture During Small LOCA Events. |
| 26. | 06/15 | J. H. Taylor | R. L. Tedesco | Notification that requested Semiscale Small Break Analysis will be delayed until October 1, 1979. |
| 27. | 06/15 | J. H. Taylor | R. J. Mattson | Forwards analysis of sequential AFW flow to the OTSGs for a LOMFW transient. |
| 28. | 06/26 | J. H. Taylor | D. F. Ross | Forwards "Guidelines for Avoidance of Reactor Vessel Brittle Fracture During Recovery from Small LOCA Events." |
| 29. | 07/03 | J. H. Taylor | D. F. Ross | B&W response to the ACRS recommendations related to TMI-2. |

1401
259

| <u>NO.</u> | <u>DATE:</u> | <u>FROM:</u> | <u>TO:</u> | <u>SUBJECT:</u> |
|------------|--------------|----------------|---------------|---|
| 30. | 07/20 | G. O. Geissler | E. G. Case | Forwards a representative letter which was sent by B&W to all B&W Operating Plants on 07/20 concerning RCP trip in the event of an ESFAS actuation. |
| 31. | 08/01 | J. H. Taylor | R. J. Mattson | AFW Flow Rate Sensitivity Study. |
| 32. | 08/03 | J. H. Taylor | D. F. Ross | Response concerning NRC letter of 07/12 "Information Request Reactor Vessel Brittle Fracture." |
| 33. | 08/16 | J. H. Taylor | D. F. Ross | Submits scope and schedule for AFW System Reliability Analysis for B&W Plants. |
| 34. | 08/17 | J. H. Taylor | D. F. Ross | Forwards B&W Report BAW-1564 entitled, "Integrated Control System (ICS) Reliability Analysis." |
| 35. | 08/30 | J. H. Taylor | D. F. Ross | Forwards a copy of the information which B&W transmitted to the B&W Owners' Group in response to IE Bulletin 79-05C. |
| 36. | 10/09 | J. H. Taylor | R. P. Denise | Analysis Prediction for Semiscale Test S-07-10B. |
| 37. | 10/09 | J. H. Taylor | R. A. Capra | Confirmation that no further action on B&W's part is required for the non-LOCA overcooling transient analysis performed by Brookhaven Nat. Labs. |
| 38. | 10/18 | J. H. Taylor | D. F. Ross | Trip history of B&W Plants (comparison between B&W, <u>W</u> , and CE). |

1401
260

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of

METROPOLITAN EDISON COMPANY,
ET AL.

(Three Mile Island, Unit 1)

}
} Docket No. 50-289
}

CERTIFICATE OF SERVICE

POOR ORIGINAL

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1401 262