



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

D+SS

November 5, 1979

RELATED CORRESPONDENCE

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,

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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RELATED CORRESPONDENCE



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 79-05A (H Operation).
2.	04/20			Extract of B&W Communications (Change of PORV and High Pres Trip 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 Respo to Transients.
5.	04/28	J. H. Taylor	H. R. Denton	Scope and Schedule for ICS Reliability Analysis and Schedul 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
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.

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<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 EC 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", (incorporated 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 iLOCA."
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).

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<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.

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<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 IF 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, W, and CE).

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