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November 8, 1982

Mrs Barbara Stamiris
5795 N River Road
Freeland, MI 48623

DOCKET NUMBER
PROD. & UTIL. FAC.

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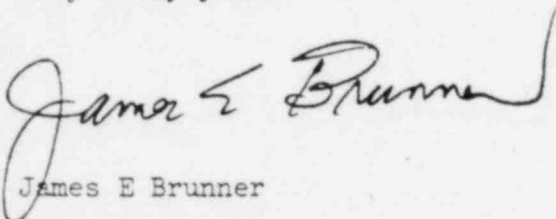
OFFICE OF SECRETARY
DOCKING & SERVICE
BRANCH

Dear Mrs Stamiris

Enclosed herewith are documents responsive to your request of August 30, 1982, Nos 17 and 23. Because of my absence from the office, I was unable to mail these documents on November 4 or 5. However, I have provided them to you by Federal Express, which should more than make up for this delay. In responding to your request, the following interpretations were adhered to:

1. Regarding request number 17, documents provided are those relevant to reduced life expectancy because of reactor vessel welds.
2. Documents and correspondence provided under request number 23 include those relating to the reactor vessel welds properties and relevant to the contention on reduced operating life expectancy (Contention 1). Many of these documents are highly technical in nature due to the technical content of your contention.
3. Attached herewith is an index of documents indicating author and addressee, if available. Other documents were written by either Consumers Power Company, Babcock and Wilcox, the NRC, the AEC, or other parties identified on the documents.
4. Proprietary documents of the Babcock and Wilcox Company or Consumers Power Company will be provided under a separate cover when a protective order is put into effect by the Hearing Board. A list of Babcock and Wilcox proprietary documents is attached to this submittal. In addition, there are a few miscellaneous proprietary documents of B&W not yet on the list and of Consumers Power Company. All of these documents are highly technical in nature and appear to be cumulative of the other documents supplied to you.

Very truly yours



James E Brunner

CC OL-OM List

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EXHIBIT A

1. Letter, C.L. Whitmarsh to A.L. Lowe, "Midland 1 Addendum to BAW-1511P", 6/11/82.
2. C.L. Whitmarsh, Calculations in Support of Item 1 Above, 6/9/82.
3. Letter, R.M. Reyns to Distribution, May 12, 1977 Meeting, RV Weld Replacement". 6/8/77.
4. Table, "Mn-Mo-Ni/Linde 80 Wire Flux Qualifications", undated.
5. Table, "Weld Record", undated.
6. Table, "Preirradiation Charpy Impact Data", undated.
7. Table, Reg. Guide 1.99 - EFPY to 50 ft-lb, undated.
8. Table and Figures, "Predicted Time to Drop Below 50 ft-lb", undated.
9. Table, "Analysis of WF-70", 9/9/76.
10. Letter, H.S. Palme to Impact Toughness Task Force Members, "Fracture Mechanics Preliminary Evaluation", 8/18/76.
11. Letter, C.E. Harris to Distribution, "Completion of Atypical Weld Test Program", 4/19/79.
12. Letter, R.A. Fearing to J.I. Qureski, "Test Material Source for Available Data Generating Program", 5/22/79.
13. Tables, Figures, Graphs, Charpy Data, undated.
14. Letter, W.L. Gilbert to Distribution, "177 FA Archive Weld Metal Inventory, 12/13/76.
15. Letter, H.L. Helmbrecht to N.C. Jessen, "Cu, P, S, and Va in Weld Metal Subject to Radiation", 4/13/71.
16. Letter, R.A. Fearing to H.S. Palme, "Test Results of Beltline Materials for Selection of Surveillance Material", 9/12/74.
17. Letter, C.E. Mahaney to J.D. Agar/J.O. Howard, "Overpressure Protection: Atypical Weld", 2/29/80.
18. Letter, R.M. Reyns to E.O. Hooker, "Trip Report - Copley Meeting - RV Weld Replacement", 5/13/77.
19. Letter, R.M. Reyns to Distribution, "RV Weld Replacement - Copley Meeting", 5/6/77.
20. Letter, R.F. Hollander to C.E. Mahaney, "QA Data Package", 10/20/75.
21. Letter, W.P. Durant to File, "Shop Baseline Inspection Meeting - June 14, 1973", 6/15/73.
22. Letter, C.E. Mahaney to J.E. Hoke, "CPCO Meeting at Mt. Vernon January 23-24, 1974", 2/14/74.

23. Letter, C.E. Harris to C.E. Mahaney, "Atypical Weld Issue", 10/3/79.
24. Letter, S.B. Skaar to C.E. Mahaney, "Non-Compliance with 10 CFR 50 App. G and H and Atypical Welds", 7/13/79.
25. Graph, WF-70, 12 in. Thick Nozzle Dropout.
26. Letter, K.E. Moore to W. Gilbert, "Cv use Projections for Irradiated RV Beltline Region Welds", 9/29/82. 76
27. Letter, G.N. Emmanuel to J.H. Taylor, "Response to NRC Bulletin 78-12 - Atypical Weld Material", 11/13/78.
28. Letter, A.S. Heller to K.E. Moore, "Phase 1 Summary Report - Task D Chemistry Characterization", 11/23/77.
29. Letter, A.S. Heller to K.E. Moore, "Phase 1, Task D - Chemistry of Welds", 3/22/78.
30. Letter, A.S. Heller to K.E. Moore, "Weld Chemistry Analysis", 8/17/77.
31. Table, "Chemistry Laboratory Work Request", 5/24/77.
32. Memorandum, R.A. Fearing to C.E. Harris, "Surveillance Weld - NSS 12", 5/3/78.
33. Table, "Chemical Analysis of Weld Metal from 177 FA Plants", undated.
34. Table, "Record of Filler Wire Qualification Test", 10/21/69.
35. Letter, L. Katz to R.R. Seeley, "ASME Fatigue Design Curves for Cast Materials and Weldments", 4/27/78.
36. Report of Impact Toughness Task Force for Period June 2, 1976 - December 15, 1976.

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