

April 19, 1988

Docket No. 50-260

Mr. S. A. White
Manager of Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
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Dear Mr. White:

Subject: REQUEST FOR ADDITIONAL INFORMATION - BROWNS FERRY NUCLEAR PLANT
PHASE II WELDING PROJECT REPORT (~~TAC-62252~~) 62262

Re: Browns Ferry Nuclear Plant, Unit 2 Corrections

The staff has reviewed the subject report which was transmitted to the NRC Document Control Desk on March 7, 1988. The review of the information contained within the report revealed that additional information is needed to complete our review of the Browns Ferry Phase II welding report. Please provide your response within thirty days from the date of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Our request for additional information is enclosed.

Sincerely,

Rajender Auluck

Rajender Auluck, Acting Assistant
Director for Projects
TVA Projects Division
Office of Special Projects

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

*SEE PREVIOUS CONCURRENCE

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ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

BROWNS FERRY NUCLEAR PLANT, (BFN) WELDING PROJECT PHASE II REPORT

1. Refer to Section 2.0 of the BFN-Phase II Report, Bechtel Audit. With respect to the independent Bechtel Audit, provide the following additional information for each audit observation and/or finding:
 - a. Details of the TVA Welding Project's (WP) review and investigations.
 - b. Reasons and bases for the WP conclusions listed in the Phase II Report.

2. Refer to Section 3.0 of the BFN-Phase II Report, Aptech Engineering Report. With respect to the review performed by Aptech Engineering Services, provide the following additional information:

Why were the welding related Potentially Reportable Occurrences (PRO) Reports omitted from the Aptech scope of review?

3. Refer to Section 4.0 of the BFN-Phase II report, Browns Ferry welding reinspection report. The reinspection report indicated among other things that the coatings were not removed during the reinspection of structural welds. In view of this fact, clarify the following:
 - a. Was the intent of the Phase II reinspection not to inspect for cracks?
 - b. If so, provide the reason why this was done.

4. Refer to Section 4.0 of the BFN-Phase II report, Browns Ferry welding reinspection report. Paragraph 4.8, "Assessment of Reinspection Results" among other things states that in the area of Instrumentation Piping and HVAC supports some welded connections were determined to be unstable for seismic loading. As a result of this determination the BFN "Small Bore Pipe Reconciliation Program" and the "Seismic Qualification Program" will include evaluation of structurally significant weld attributes. Paragraph 4.9, "Root Cause Evaluation and Corrective Action" among other things also states, "TVA is instituting a requirement that weld size, length, and location be determined in all programs at BFN that require a walkdown to obtain data for structural evaluation". In view of this commitment, provide the following information:
 - a. Identify the BFN programs that require walkdown inspections for structural evaluation.

- b. Define the scope of each program as a percent of applicable plant population and identify the extent of the planned walkdown inspection effort for each of these programs (e.g., the small bore pipe reconciliation program will look at 10% of the small bore pipe, the walkdown inspection effort constitutes 50% of the program).
5. Refer to Section 6.0 of the BFN-Phase II report, Browns Ferry program results. Subsection 6.6, Recommendations, Item 11 states that supports included within the ISI program shall be examined for support and weld configuration. With respect to this commitment, clarify the following:
- a. Are integral attachments to pressure containing components included in this commitment?
 - b. Define the term "weld configuration".



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Mr. S. A. White
Tennessee Valley Authority

Browns Ferry Nuclear Plant
Units 1, 2, and 3

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2