



Department of Energy  
Washington, D.C. 20545

Docket No. 50-537  
HQ:S:82:023

APR 26 1982



Mr. Paul S. Check, Director  
CRBR Program Office  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Check:

RESPONSES TO REQUEST FOR ADDITIONAL INFORMATION - INSERVICE INSPECTION

Reference: Letter, J. R. Longenecker to P. S. Check, "Responses to Request  
for Additional Information - Inservice Inspection," Letter  
Number HQ:S:82:021, dated April 19, 1982

This letter provides a correction to the last page of our response contained  
in the reference letter.

With regard to the remaining question (CS 250.1), a response will be provided  
under separate cover by May 14, 1982, rather than April 23, 1982, as stated  
in the reference letter.

Sincerely,

John R. Longenecker, Manager  
Licensing & Environmental  
Coordination  
Office of Nuclear Energy

Enclosure

cc: Service List  
Standard Distribution  
Licensing Distribution

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## 2. Volumetric Examination of Dissimilar Metal Welds

The dissimilar metal welds on the IFTS are all located in the Steam Generator Building. The Project will perform a volumetric examination of 33% of the welds once every ten years, choosing a different sample each interval in order to cover essentially 100% of the welds by the end of the third interval. This examination is performed in addition to periodic visual examinations and continuous monitoring for leak detection.

The specific volumetric examination to be performed on these 2-1/4 Cr-1 Mo material dissimilar metal welds will be dependent upon the results of on-going contributing base development programs. These development programs address transition weld development, life tests and methods for fabrication examinations as well as inservice examinations. Should final stress analysis determine that these are limited life components, more frequent volumetric examinations than presently defined may be required and will be factored into the inservice examination requirements.

## 3. Volumetric Examination of Steam Generator Module Tubing

Refer to PSAR Appendix G which states that 3% of the heat transfer surface tubes in each steam generator module (9 total) will have an inservice volumetric examination during the first 10 year inspection intervals. During each of the two successive ten year inspection intervals, 1-1/2% of the heat transfer surface tubes in each of the three steam generator modules in one loop will receive a volumetric examination. All tubes to be examined are selected from previously examined tubes, including any tubes which exhibit a wall thinning rate greater than the design allowable.