



Integrated Nuclear Services

November 14, 1996  
ESC-96-620

Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Attention: Mr. J. L. Birmingham

Subject: Status of Long-Term Boron Control Documentation

Reference: Letter ESC-96-564 from R. J. Schomaker to the Document Control Desk, dated October 18, 1996.

Gentlemen:

On October 18, 1996 the referenced letter was sent to inform the NRC of the status of the formal documentation process for the SBLOCA boron calculation. The purpose of this letter is to clarify information supplied in the third paragraph of the referenced letter.

FTI has been working on formally documenting the SBLOCA boron precipitation information supplied during the July 9, 1996 RRG meeting, and providing responses to requests for additional information (RAIs) on BAW-10192P. Information provided at the RRG meeting included the RCS pressure response for the full spectrum of SBLOCA transients using a simplified RELAP5/MOD2 model specially designed for providing the long-term pressure history following a postulated SBLOCA.

Part of the formal documentation that FTI will submit to the NRC includes benchmarks of this simplified RCS pressure model against the full evaluation model documented in BAW-10192P to formally validate the results. In supplying the information at the RRG meeting, FTI used spreadsheets, hand calculations, and engineering evaluations to assure that the results were appropriate for use in justification for continued operation (JCO) of the B&W-designed plants. The information supplied for the JCO formal documentation is intended by FTI to contain comparisons with an EM that has had NRC approval. The engineering judgement provided for the JCO remains applicable and valid without this comparison.

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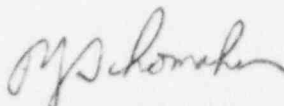
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At the time the RRG was activated, the RELAP5-based FM approval was complete except for four RAIs, which were worked on in concert with the formal documentation of the RRG material in August and September. FTI has resumed full-time work on documentation of the SBLOCA boron material now that the formal SER is progressing through the NRC concurrence chain. It is anticipated that the final RRG JCO documentation will be delayed by approximately six weeks from the original schedule to February 15, 1997. As stated previously, FTI will immediately notify the NRC if it discovers any significant discrepancy in the material presented at the RRG meeting during the formal documentation process.

If there are any questions in the interim, please call the undersigned at 804-832-2917.

Very truly yours,



Robert J. Schomaker  
Project Manager  
B&W Owners Group Management

RJS/bcc

c: B&W Owners Group Steering Committee  
B&W Owners Group Analysis Committee  
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