



GE Nuclear Energy

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U. S. Nuclear Regulatory Commission
Washington DC 20555

Attention: Theodore E. Quay, Director
Standardization Project Directorate

**Subject: SBWR, NRC AGREEMENT TO GIRAFFE SYSTEMS INTERACTION
TEST CHANGES**

- References:
1. Letter MFN No. 077-95, J. E. Quinn (GE) to T. E. Quay (NRC), SBWR, GIRAFFE SYSTEMS INTERACTION TEST CHANGES, dated May 24, 1995.
 2. GE Licensing Topical Report NED-32391 Revision B, SBWR TEST AND ANALYSIS PROGRAM DESCRIPTION, dated April 1995.
 3. Phonecon, GE/NRC, SBWR TESTING, May 30, 1995
 4. GE Licensing Topical Report NED-32391 Revision A, SBWR TEST AND ANALYSIS PROGRAM DESCRIPTION, dated September 1994.
 5. Letter, D. M. Crutchfield (NRC) to J. T. Larkin (ACRS), DRAFT SAFETY EVALUATION REPORT (SER) ON THE ADEQUACY OF THE TECHNICAL APPROACH TO THE TESTING AND ANALYSIS PROGRAM (TAPD FOR THE SIMPLIFIED BOILING WATER REACTOR (SBWR) DESIGN, dated November 25, 1994.

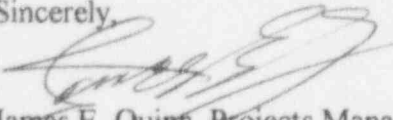
This letter requests written NRC concurrence with the scope of the GIRAFFE Systems Interaction Test (SIT) as described in Reference 1 and originally specified in Reference 2. Reference 1 stipulates that the GIRAFFE/SIT test matrix will consist of four (4) tests simulating Gravity Driven Cooling System (GDSCS) and Bottom Drain Line (BDL) break cases with various single failures. These changes were discussed in Reference 3, and NRC concurrence was received. Further, we wish to verify that the four (4) tests with test conditions as shown in the attachment to Reference 1 will be sufficient to resolve the Sytem interaction concerns raised by the NRC during the review of the TAPD Rev A (Reference 4) which were delineated in the NRC DSER (Reference 5), discussed in meetings January 9th and 11th, 1995, and addressed by GE in

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Reference 2. In these interactions it was agreed to utilize the GIRAFFE facility if possible to conduct these tests. Should unexpected results occur during the tests we understand that NRC and GE will have to evaluate the situation and decide on a course of action.

Sincerely,


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cc: Document Control Desk (NRC) Original paper copy
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