

January 30, 2004

MEMORANDUM TO: Ashok C. Thadani, Director
Office of Nuclear Regulatory Research

FROM: Farouk Eltawila, Director */RA/* by Farouk Eltawila
Division of Systems Analysis and Regulatory Effectiveness
Office of Nuclear Regulatory Research

SUBJECT: GENERIC ISSUE MANAGEMENT CONTROL SYSTEM
REPORT – FIRST QUARTER FY 2004

The Generic Issue Management Control System (GIMCS) Report for the First Quarter of FY 2004 is attached for your information. Significant progress was made during the reporting period on the following generic safety issues (GSIs):

REACTOR GSIs

GSI-80, Pipe Break Effects on Control Rod Drive Hydraulic Lines in the Drywells of BWR MARK I and II Containments: Efforts continued on the finalization of the Task Action Plan (TAP) for the technical assessment of GSI 156.6.1 (below) which will address the safety concern of GSI-80. The TAP is expected to be approved in March 2004.

GSI-156.6.1, Pipe Break Effects on Systems and Components: The TAP for this GSI is expected to be approved in March 2004, as stated in GSI-80 above.

GSI-186, Potential Risk and Consequences of Heavy Load Drops in Nuclear Power Plants: The technical assessment of this GSI was completed by RES with four recommendations for further work: three were sent to NRR on November 12, 2003, for Regulation and Guidance Development; and one was sent to DET/RES on November 21, 2003. NRR now has the lead responsibility for resolving this GSI which will be tracked in GIMCS until completion.

GSI-189, Susceptibility of Ice Condenser Containments to Early Failure from Hydrogen Combustion During a Severe Accident: With agreement from the ACRS on November 17, 2003, the NRC has concluded that rulemaking will be necessary to provide back-up power to one train of igniters for plants with ice condenser or MARK III containments. Completion of this issue, including implementation and verification of modifications at the affected plants, is scheduled for June 2010.

GSI-191, Assessment of Debris Accumulation on PWR Sump Performance: Regulatory Guide 1.82, Revision 3, was issued in November 2003. Completion of licensee activities in response to NRC regulations related to this issue, including both actual modifications and verification, is scheduled for December 2007.

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(301) 415-6447

GSI-193, BWR ECCS Suction Concerns: The initial screening of this GSI was completed on October 16, 2003, with the recommendation to continue work on the issue. The TAP for a Technical Assessment of the issue is scheduled for completion by March 2004.

GSI-195, Hydrogen Combustion in Foreign BWR Piping: The panel meeting on the screening of this issue was held on January 15, 2004. The screening analysis report is scheduled to be completed in February 2004.

GSI-196, Boral Degradation: This GSI was identified on November 10, 2003, and a screening analysis is scheduled to be completed by March 2004.

At the end of the reporting period, nine reactor GSIs remained to be resolved, including four GSIs that were transferred from RES to NRR for regulation and guidance development (see Table 1). Two GSIs remained to be screened (see Table 9).

NON-REACTOR GSIs

NMSS-14, Surety Estimates for Groundwater Restoration at In-Situ Leach Fields: The staff requested additional information from USGS in October 2003, and a draft NUREG is expected to be completed in April 2004.

NMSS-16, Adequacy of 0.05 Weight Percent Limit in 10 CFR 40: The staff continued to follow the guidance of the October 8, 2003, SRM, issued in response to SECY-03-0106, which directed the staff to continue reviewing the transfer of baghouse dust containing less than 0.05 Wt% uranium and thorium.

At the end of the reporting period, three non-reactor GSIs remained to be resolved (see Table 14).

I will continue to keep you informed of progress in resolving the remaining unresolved reactor and non-reactor GSIs as well as any major problems that might surface during the course of their resolution.

Attachment: GIMCS Report, January 2004

cc:

J. Strosnider, RES	R. Barrett, NRR	R. Torres, NMSS	L. Reyes, Region II
J. Rosenthal, RES	T. Mensah, NRR	J. Bell, IRM	J. Caldwell, Region III
M. Mayfield, RES	J. Birmingham, NRR	J. Larkins, ACRS	B. Mallett, Region, IV
F. Cherny, RES	S. Black, NRR	W. Usilton, IRM	S. Duraiswamy, ACRS
S. Schneider, NRR	M. Virgilio, NMSS	J. Dyer, NRR	
B. Sheron, NRR	M. Federline, NMSS	H. Miller, Region I	

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