

February 15, 2002

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

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

SUBJECT: GENERIC ISSUE MANAGEMENT CONTROL SYSTEM  
REPORT – FIRST QUARTER FY 2002

The Generic Issue Management Control System Report (GIMCS) for the first quarter of FY 2002 is attached for your information. The following progress was made during the subject reporting period:

REACTOR GSIs

**GSI-172, Multiple System Responses Program:** PRAB completed its review of IPE and IPEEE submittals and concluded that the eleven sub-issues were not significant safety concerns. After the ACRS agreed with the staff's proposed technical assessment on December 10, 2001, PRAB proceeded with closing out this issue in January 2002 with no new requirements for licensees.

**GSI-173.A, Spent Fuel Storage Pool - Operating Facilities:** The issue was closed out by NRR on December 19, 2001, with no new requirements for licensees. This conclusion was reached after NRR performed plant-specific evaluations by estimating the frequency of a significant loss of coolant inventory, or a sustained loss of cooling, and comparing the results to the reactor accident screening criteria developed in NUREG-1738, "Technical Study of Spent Fuel Pool Accident Risk at Decommissioning Nuclear Power Plants."

**GSI-189, Susceptibility of Ice Condenser Containments to Early Failure from Hydrogen Combustion During a Severe Accident:** REAHFB continued its effort to complete the initial screening of this issue and send its technical evaluation to a selected panel for review in February 2002. In a parallel effort, a Task Action Plan was issued on February 13, 2002.

**GSI-192, Secondary Containment Drawdown Time:** This new issue was identified by NRR in December 2001 and efforts are underway in REAHFB to begin its screening in accordance with Management Directive 6.4. Initial screening is expected to be completed in June 2002.

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At the end of the reporting period, six reactor GSIs remained to be resolved (see Table 1), one GSI remained to be reprioritized (see Table 6), and four GSIs remained to be screened (see Table 9). We will provide you in March 2002 with a schedule and a plan to screen and prioritize these new issues.

#### NON-REACTOR GSIs

**NMSS-10, Troxler Gauge Source Rod Weld Failures:** NMSS completed its Technical Assessment of the issue and closed it with no new requirements or guidance for licensees.

At the end of the reporting period, three non-reactor GSIs remained to be resolved (see Table 15).

I will continue to keep you informed of progress in resolving the remaining 14 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 2002

**ADAMS Package ML020460042**

cc w/o att.:

R. Zimmerman, RES  
M. Cunningham, RES  
M. Mayfield, RES  
J. Vora, RES  
F. Cherny, RES  
P. Norian, RES  
S. Collins, NRR  
B. Sheron, NRR  
G. Holahan, NRR  
J. Zwolinski, NRR  
S. Hoffman, NRR  
J. Birmingham, NRR  
M. Fields, NRR

M. Virgilio, NMSS  
M. Federline, NMSS  
K. Ramsey, NMSS  
M. Sitek, NMSS  
W. Usilton, IRM  
W. Oliu, OCIO  
H. Miller, Region I  
L. Reyes, Region II  
J. Dyer, Region III  
E. Merschoff, Region IV  
J. Larkins, ACRS  
S. Duraiswamy, ACRS

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