

July 31, 2002

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

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

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

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

REACTOR GSIs

**GSI-168**, Environmental Qualification of Electrical Equipment: The issue was transferred from RES to NRR on June 28, 2002, for development of a generic letter, following ACRS agreement with the RES technical assessment. When finalized, the NRR completion date will be transmitted to the EDO for inclusion in the monthly report to Congress.

**GSI-185**, Control of Recriticality Following Small-Break LOCA in PWRs: The technical basis for addressing the natural circulation restart scenario was presented to the ACRS Thermal-Hydraulic Subcommittee on June 26, 2002, and closure is scheduled for November 2002. The pump restart scenario still needs to be investigated.

**GSI-188**, Steam Generator Tube Leaks/Ruptures Concurrent with Containment Bypass: The completion date of September 2004 for the technical assessment of this issue was transmitted to the EDO in June 2002 for inclusion in the monthly report to Congress.

**GSI-189**, Susceptibility of Ice Condenser Containments to Early Failure from Hydrogen Combustion During a Severe Accident: The staff briefed the ACRS on its technical assessment on June 6, 2002, and is working on an expedited schedule to complete the assessment by December 2002, as directed by the Commission.

**GSI-191**: Assessment of Debris Accumulation on PWR Sump Performance: As part of the resolution of this issue, NRR scheduled the issuance of a generic letter to licensees for February 2003.

CONTACT: Ronald C. Emrit, RES:DSARE:REAHFB  
(301) 415-6447

**GSI-192, Secondary Containment Drawdown Time:** Screening of this issue, completed in June 2002, resulted in its elimination from further pursuit. The issue addressed the adequacy of the calculations, testing, and acceptance criteria related to the creation of a vacuum in the reactor building of a BWR, following an engineered safeguards actuation signal.

**GSI-193, BWR ECCS Suction Concerns:** This new issue was identified by Region III in May 2002. Screening is scheduled to be completed by the end of October 2002.

**GSI-194, Implications of Updated Probabilistic Seismic Hazard Estimates:** This new issue was identified by DET/RES in June 2002. Screening is scheduled to be completed by the end of December 2002.

At the end of the reporting period, seven reactor GSIs remained to be resolved (see Table 1), one GSI remained to be reprioritized (see Table 6), and three GSIs remained to be screened (see Table 9).

#### NON-REACTOR GSIs

No new non-reactor GSIs were identified and, 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, July 2002

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  
J. Bell, IRM  
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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B. Sheron, NRR	L. Reyes, Region II
G. Holahan, NRR	J. Dyer, Region III
J. Zwolinski, NRR	E. Merschoff, Region IV
S. Hoffman, NRR	J. Larkins, ACRS
J. Birmingham, NRR	S. Duraiswamy, ACRS
M. Fields, NRR	

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