

January 28, 2005

MEMORANDUM TO: Farouk Eltawila, Director
Division of Systems Analysis and Regulatory Effectiveness
Office of Nuclear Regulatory Research

FROM: Jack Rosenthal, Chief */RA/*
Advanced Reactors and Regulatory Effectiveness Branch
Division of Systems Analysis and Regulatory Effectiveness
Office of Nuclear Regulatory Research

SUBJECT: GENERIC ISSUE MANAGEMENT CONTROL SYSTEM (GIMCS)
REPORT – FIRST QUARTER FY 2005

The GIMCS Report for the First Quarter of FY 2005 is attached for your information. The following is a summary of the progress made in resolving the open generic safety issues (GSIs) during the reporting period:

REACTOR GSIs

GSI-80, Pipe Break Effects on Control Rod Drive (CRD) Hydraulic Lines in the Drywells of Boiling Water Reactor (BWR) MARK I and II Containments: RES continued its effort to document its technical assessment of the issue in a NUREG report. A draft of the NUREG report will be submitted to the Advisory Committee on Reactor Safeguards (ACRS) in February 2005, in preparation for a briefing of the ACRS in March 2005.

GSI-185, Control of Recriticality Following Small-Break Loss-of-Coolant Accident (LOCA) in Pressurized Water Reactors (PWRs): Following its briefing of the ACRS on October 7, 2004, a letter was issued by the ACRS on October 22, 2004, in agreement with the RES conclusion to close the issue without the imposition of any new regulatory requirements for all Framatome B&W, Westinghouse, and Combustion Engineering plants. RES efforts are currently directed towards closing out the issue.

GSI-188, Steam Generator Tube Leaks/Ruptures Concurrent with Containment Bypass: RES continued its effort to publish its technical assessment as a NUREG report, and to close out the issue with no new or revised requirements.

GSI-191, Assessment of Debris Accumulation on PWR Sump Performance: The NRR safety evaluation of the methodology proposed by the industry for use in performing the plant-specific evaluations was reviewed by the ACRS on October 7, 2004.

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GSI-196, Boral Degradation: The initial screening of the issue was approved by the RES Director on November 19, 2004. A Task Action Plan for the technical assessment of the GSI has been developed and is expected to be approved in January 2005.

At the end of the reporting period, ten 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 generic issues remained to be screened (see Table 9).

NON-REACTOR GSIs

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 2005

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Attachment: GIMCS Report, January 2005

cc:

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|---------------------|-------------------------|
| M. Mayfield, RES | J. Bell, IRM |
| F. Cherny, RES | W. Usilton, IRM |
| S. Bahadur, RES | J. Larkins, ACRS |
| J. Starefos, RES | S. Duraiswamy, ACRS |
| J. Birmingham, NRR | S. Collins, Region I |
| S. Black, NRR | W. Travers, Region II |
| J. Dyer, NRR | J. Caldwell, Region III |
| S. Schneider, NRR | B. Mallett, Region, IV |
| B. Sheron, NRR | |
| R. Barrett, NRR | |
| J. Donoghue, NRR | |
| J. Strosnider, NMSS | |
| M. Federline, NMSS | |

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