

February 6, 2001

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

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

SUBJECT: GENERIC ISSUE MANAGEMENT CONTROL SYSTEM REPORT –
FIRST QUARTER FY-2001

REACTOR GSIs

The resolution of GSI-168, "Environmental Qualification of Electrical Equipment," originally scheduled for December 2000, has been deferred indefinitely pending completion of discussions with the industry to explore voluntary initiatives. This information was forwarded to the EDO in November 2000.

Screening panels continued to meet on GSIs 186, "Potential Risk and Consequences of Heavy Load Drops in Nuclear Power Plants", GSI 187, "The Potential Impact of Postulated Cesium Concentration on Equipment Qualification in the Containment Sump", and GSI 188, "Steam Generator Tube Leaks/Ruptures Concurrent with Containment Bypass" (see Table 9) with GSI 187 and 188 in the Initial Screening Stage and GSI 186 in the Technical Screening Stage. At the end of the reporting period, eight GSIs remained to be resolved (see Table 1), three GSIs remained to be reprioritized (see Table 6), and three GSIs remained to be screened (see Table 9).

Planned Accomplishments: During the next reporting period, the staff expects to meet with the ACRS on the proposed closure of GSI 170, "Fuel Damage Criteria for High Burnup Fuel." The staff has also recently taken interim action on GSI 185, "Control of Recriticality Following Small-Break LOCAs in PWRs," and a study is being undertaken to substantiate the conditions under which gross fuel failure might occur.

NON-REACTOR GSIs

NMSS identified the following three new GSIs that were resolved in previous reporting periods:

17. Misleading Marketing Information to General Licensees
18. Problems Encountered When Manually Editing Treatment Planning Data on Nucletron Microselectron-HDR Model 105.999
19. Control Unit Failures of Classic Nucletron HDR Units

At the end of the reporting period, four GSIs remained to be resolved (see Table 15).

I will continue to keep you informed of progress in resolving the remaining 18 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 2001

cc w/att.:

A. Thadani, RES
M. Federline, RES
F. Eltawila, RES
J. Rosenthal, RES
T. King, RES
M. Cunningham, RES
S. Bahadur, RES
M. Mayfield, RES
J. Vora, RES
F. Cherny, RES
S. Rubin, RES
P. Norian, RES
S. Collins, NRR
B. Sheron, NRR
G. Holahan, NRR
S. Hoffman, NRR
W. Long, NRR
J. Birmingham, NRR
M. Fields, NRR
W. Kane, NMSS
M. Virgilio, 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

OTHERS

J. Larkins, T2-E26
S. Duraiswamy (6), T2-E26
T. Heavey, T9-D16

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