

May 30, 2007

MEMORANDUM TO: Brian W. Sheron, Director
Office of Nuclear Regulatory Research

FROM: Kenneth G. O'Brien, Chairman *Signature Via E-mail*
Panel for Review of Generic Issue 202 Screening Evaluation

SUBJECT: RESULTS OF INITIAL SCREENING OF GENERIC ISSUE 202,
"SPENT FUEL POOL LEAKAGE IMPACTS"

In accordance with Management Directive (MD) 6.4, "Generic Issues Program," and SECY-07-0022, "Status Report on Proposed Improvements to the Generic Issues Program," dated January 30, 2007 (ML063460239), the Panel completed independent review of the initial screening evaluation (See Enclosure 1) for Generic Issue (GI) 202, "Spent Fuel Pool (SFP) Leakage Impacts." The panel concluded the issue of SFP leakage impacts should be addressed as a licensee compliance issue and eliminated from further review or assessment under the Generic Issues Program (GIP).

The panel recommends that this issue be removed from the GIP because the necessary regulatory requirements and processes are already in place to address it. Accordingly this issue does not meet the screening criteria of MD 6.4 for further evaluation as a GI under the GIP. Specific reasons for the panel's recommendation include:

1. The existing regulatory framework of 10 CFR Part 50 Appendix A and B governs the condition described in GI-202, making this a regulatory compliance issue.
2. The plant specific conditions described have been addressed as documented in applicable NRC inspection reports (i.e., per the reactor oversight process).
3. There is no apparent decrease in design license capability or reliability of SFP structures, systems, or components due to leakage of borated water.
4. Maintenance rule requirements would apply if the condition were risk-significant.
5. Recent generic communications inform licensees of the potential for adverse impacts on structural integrity of reinforced concrete due to leaking borated water sources (See Information Notice (IN) 2004-05 and IN 2006-13).

Enclosure 2 summarizes the panel's comments, results, conclusions, and recommendations that the Office of Nuclear Regulatory Research (RES) should drop this issue from further consideration as a GI. The GIP staff will maintain the screening results of this GI for future

records in the Generic Issue Management Control System (GIMCS) and will publish the results in the next Supplement to NUREG-0933, "A Prioritization of Generic Safety Issues." I request your approval of the panel's recommendation so that RES can proceed as required by MD 6.4.

Enclosures:

1. GI-202 Initial Screening Evaluation
2. GI-202 Panel Comments, Results, Conclusions, and Recommendations

Approved: Brian W. Sheron
Brian W. Sheron, Director, RES

Date: 6/1/07

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Approved: /RA/ Brian W. Sheron Date: 6/1/07
 Brian W. Sheron, Director, RES

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