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MEMORANDUM TO: Louise Lund, Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Brian E. Thomas, Director */RA/*  
Division of Engineering  
Office of Nuclear Regulatory Research

SUBJECT: GENERIC ISSUE MANAGEMENT CONTROL SYSTEM REPORT  
FOR THE SECOND QUARTER OF FISCAL YEAR 2017

Enclosed for your information is the Generic Issue Management Control System (GIMCS) report for the second quarter of fiscal year (FY) 2017 covering the period from January 1, 2017, through March 31, 2017. The Office of Nuclear Regulatory Research (RES) is addressing this report of active generic issues (GIs) to the Office of Nuclear Reactor Regulation (NRR) because NRR is currently implementing the remaining three active GIs. This report is also being provided to the other regulatory offices for information.

The significant activities that occurred during this reporting period for each of the three active GIs are described below. A more detailed summary of the status and activities associated with these GIs is provided in the enclosure.

- GI-191, "Assessment of Debris Accumulation on PWR Sump Performance"

The staff briefed the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee on Thermal-Hydraulic Phenomena on the staff's draft safety evaluation report findings regarding the use of risk-informed methods for resolving GI-191. This activity was piloted by the South Texas Project. The staff addressed all of ACRS' questions; however, the ACRS had three questions that the licensee couldn't answer immediately. Hence, a second (supplemental) subcommittee meeting was scheduled.

- GI-199, "Implications of Updated Probabilistic Seismic Hazard Estimates in Central and Eastern United States (CEUS) on Existing Plants"

In April 2017, the NRC received the first (of 18) seismic probabilistic risk assessments (SPRAs) from Vogtle. The staff expects it will take 6 to 8 months to complete a review of each SPRA. In addition, the staff has now received 23 of 34 high-frequency seismic plant evaluations and completed the reviews of 20 of the reports.

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Also, the staff has received 29 of 30 spent fuel pool low-frequency seismic evaluations and completed the reviews of 28 of the reports.

- GI-204, "Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure"

No significant activities occurred during the second quarter.

For planning purposes, this GIMCS report will be the last quarterly report. The staff is changing the frequency of GIMCS reports from quarterly to a semi-annually, so the next GIMCS report will be issued in October 2017. In COMSECY-17-0010, "Request for Approval of Changes to the Frequency of Staff Reports to the Commission Regarding the Status of Generic Issues," dated March 23, 2017 (Agencywide Document Access and Management System [ADAMS] Accession number: ML16298A117), the staff recommended that the frequency of the GIMCS report be changed from quarterly to semi-annually. The basis for this change was that the staff has successfully reduced the number of active GIs, and there are also fewer significant activities to report for the active GIs. As a result, the staff has had fewer items of significance to convey in the quarterly report. In the staff requirements memorandum (SRM) related to COMSECY-17-0010 (ADAMS Accession number: ML17103A554), the Commission approved the staff's request.

In addition to changing the frequency of its status reports, the staff is changing how information regarding GIs is communicated to NRC stakeholders. In the SRM related to COMSECY-17-0010, the Commission also approved the staff's recommendation to keep the Commission informed using the information in the NRC's semiannual report to Congress and information provided via a link to an NRC web site called the GI Dashboard. The GI Dashboard can be found on the external NRC Web site at: <https://www.nrc.gov/about-nrc/regulatory/gen-issues/dashboard.html>, and on the internal NRC Web site at: <http://gid.nrc.gov/Planning>.

The GI Dashboard is an online platform that displays the detailed information associated with each active GI. It has a user friendly interface to provide an effective presentation of an extensive amount of activities, schedules, and milestones associated with each active GI. The GI Program staff worked with the NRC's Office of the Chief Information Officer to develop it in response to a recommendation from a Tiger Team assessment of the GI Program in 2013. The GI Dashboard contains all the detailed information that was reported in Enclosure 2 of previous GIMCS reports. Therefore, this GIMCS report now contains a link to the GI Dashboard and Enclosure 2 has been eliminated from the GIMCS reports.

These changes are intended to make the staff more efficient and effective. Should you have any questions, please direct them to me or the point of contact on this memorandum.

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