



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

November 29, 2017

MEMORANDUM TO: Louise Lund, Director  
Division of Licensing Projects  
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 HALF OF FISCAL YEAR 2017

Enclosed for your information is the Generic Issue Management Control System (GIMCS) report for the second half of fiscal year 2017, covering the period from April 1, 2017, through September 30, 2017. The Office of Nuclear Regulatory Research is addressing this report of active generic issues (GIs) to the Office of Nuclear Reactor Regulation (NRR) because NRR is implementing the remaining three active GIs. This report is also being provided to the other regulatory offices for information.

As background, in "Staff Requirements – COMSECY-17-0010 – Request for Approval of Changes to the Frequency of Staff Reports to the Commission Regarding the Status of generic Issues" (Agencywide Documents Access and Management System Accession No. ML17103A554), the Commission approved the staff's request to reduce the frequency of the GIMCS report from quarterly to semi-annually and to communicate detailed information on active generic issues via the Generic Issues Dashboard. Therefore this report satisfies COMSECY-17-0010.

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

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

The NRC staff completed its review and close out of the first risk-informed (Option 2B) plant, South Texas Project, on July 11, 2017. In addition, on April 21, 2017, Southern Nuclear Company submitted a technical report for its Vogtle plants (also Option 2B plants) addressing GL-2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation during Design Basis Accidents at Pressurized Water Reactors," except in-vessel effects, which will be addressed when the staff completes its review of a Pressurized Water Owners Group topical report (WCAP-17788) in 2018.

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

The staff has completed its assessment of all of the seismic hazard reports submitted by licensees and has determined the additional plant analyses required for the plant sites. The staff has received the first 3 (of 18) seismic probabilistic risk assessments for review. In addition, the staff has received several limited scope evaluations for review.

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

The NRC is reviewing the flooding hazard reports submitted by licensees and has required those sites with flood-causing mechanisms that exceed the current design bases to perform an additional analysis. The staff has received 29 (of 55) focused assessments for review. In addition, the staff has received the first integrated assessment (Dresden) for review.

More detailed information on each GI may be found on the Generic Issues Dashboard, an online platform that displays detailed information associated with each active generic issue. It is located on the NRC’s internal Web site at <http://gid.nrc.gov/Planning> and on the NRC’s external Web site at <https://www.nrc.gov/about-nrc/regulatory/gen-issues/dashboard.html>.

Enclosure:  
As stated

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

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