



Program Management Office
20 International Drive
Windsor, CT 06095

PWROG-16057-NP, Revision 0
Project Number 694

October 26, 2016

OG-16-351

Mr. Paul M. Clifford
Senior Technical Advisor, Division of Safety Systems
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

Subject: PWR Owners Group
**Transmittal of Update to the PWROG 50.46c Margin Assessment Report
for Information Only, PWROG-16057-NP, Revision 0 (PA-ASC-1393)**

Dear Mr. Clifford:

In support of requests from the U.S. Nuclear Regulatory Commission (NRC), the Pressurized Water Reactor Owners Group (PWROG) developed a margin assessment related to the proposed changes to the 10 CFR 50.46 Emergency Core Cooling System (ECCS) acceptance criteria. The original margin assessment (ADAMS Accession Number ML11139A309), issued in 2011, provided a snapshot-in-time of the plant-specific oxidation margin for the PWR fleet. The PWROG margin assessment was used by the staff to develop their ECCS performance safety assessment.

To ensure continued safe operation until the proposed 10 CFR 50.46c requirements are implemented, the U.S. NRC Division of Safety Systems has committed to perform annual updates to the safety assessment. Subsequently the original PWROG margin assessment was updated for Large Break LOCA in 2013 (OG-13-407, ADAMS Accession Number ML1313329 A086). In order to support the expected issuance of 10 CFR 50.46c, The PWROG has decided to perform one more comprehensive update for both Large and Small LOCA.

This letter transmits the "Update to the PWROG 50.46c Margin Assessment" report for your use in updating your ECCS performance safety assessment. The report is not being submitted for NRC review and approval pursuant to the provisions of 10 CFR 170.11(a)(1)(iii)(A) and a separate TAC number should not be opened associated with the PWROG-16057-NP, Revision 0. Detailed information for all plants addressed in the report is available to the NRC for audit at the vendor offices.

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If you have any questions, please do not hesitate to contact me at (205) 992-7037 or Mr. Jim Molkenhuth of the PWROG Program Management Office at 860-731-6727.

Regards,



Jack Stringfellow, SNOG
Chairman and COO, PWR Owners Group

NJS:JPM:cah

Enclosures (1) – PWROG-16057-NP, Revision 0 (2 copies)

cc: PWROG Management Committee
PWROG Steering Committee
PWROG Analysis Committee
PWROG PMO
J. Rowley, NRC
B. Benney, NRC (report copy)
C. DeVoe, Westinghouse
A. DiLullo, Westinghouse
M. Nissley, Westinghouse
A. Colussy, Westinghouse
M. Cerrone, Westinghouse
J. Ghergurovich, Westinghouse
L. Gerken, AREVA
B. Smith, AREVA
D. Page Blair, AREVA