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April 10, 2015

MEMORANDUM TO: Brian E. Thomas, Director
Division of Engineering
Office of Nuclear Regulatory Research

FROM: Thomas H. Boyce, Chief /RA/
Regulatory Guidance and Generic Issues Branch
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE
(RG) 1.12, REVISION 2

This memorandum documents the U.S. Nuclear Regulatory Commission's (NRC) periodic review of RG 1.12, Revision 2, "Nuclear Power Plant Instrumentation for Nuclear Power Plants." The RG describes methods that NRC staff considers acceptable for complying with 10 CFR 50, Appendix S, "Earthquake Engineering Criteria for Nuclear Power Plants," relative to the need to determination of a plant's operating basis earthquake. It was last revised in 1997. As discussed in Management Directive 6.6 "Regulatory Guides," the NRC staff reviews regulatory guides approximately every 5 years to ensure that the guides continue to provide useful guidance. Documentation of the staff's review is enclosed.

Based on the results of the periodic review, the staff concludes that a revision to RG 1.12 Revision 2 is warranted. The staff expects to release a draft RG for public comment by Quarter 4 of 2015.

Enclosure:
As stated

CONTACT: Edward O'Donnell, Program Manager, RES/DE/RGGIB
301-251-7455

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