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June 19, 2015

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

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

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE
(RG) 1.28

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.28, "Quality Assurance Program Criteria (Design and Construction)." The RG, which was last revised in June 2010, describes methods that the staff considers acceptable for establishing and implementing a quality assurance (QA) program for the design and construction of nuclear power plants and fuel reprocessing plants. As discussed in Management Directive 6.6, "Regulatory Guides," the NRC staff reviews RGs approximately every 5 years to ensure that the RGs continue to provide useful guidance. Documentation of the NRC staff review is enclosed.

Based on the results of the periodic review, the staff concludes that no changes to RG 1.28 Revision 4 are warranted at this time. However, the staff identified some technical or regulatory issues in the review that could warrant addressing in a future revision. The NRC staff performed a review and identified that differences exist between the previously endorsed American Society of Mechanical Engineers (ASME) standards (Nuclear Quality Assurance (NQA)-1-2008, "Quality Assurance Requirements for Nuclear Facility Applications" and NQA-1a-2009 addenda, "Addenda A to Quality Assurance Requirements for Nuclear Facility Applications") and the most recently issued standards from ASME (NQA-1b-2011 "Addenda B to Quality Assurance Requirements for Nuclear Facility Applications", NQA-1-2012 and NQA-1-2015). The NRC will publish a report on this evaluation, including a determination of the future need to revise RG 1.28, in approximately two years' time.

Enclosure:
As stated

CONTACT: Ashley Thomas, NRO/DCIP/QVIB
301-415-6638

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