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April 27, 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) 1.35.1

This memorandum documents the U.S. Nuclear Regulatory Commission's (NRC) periodic review of Regulatory Guide (RG) 1.35.1, "Determining Prestressing Forces for Inspection of Prestressed Concrete Containments." The RG provides guidance on periodic inspection of tendons in concrete containments. The guide was published in July 1990. 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 staff's review is enclosed.

Based on the results of the periodic review, the staff concludes that no changes to RG 1.35.1 are warranted at this time. However, there has been revision to some of the references in the RG. For a future update, there is need to determine if the revised references provide an acceptable method to satisfy the regulatory requirements for determining prestressing forces for prestressed concrete containments.

Enclosure: As stated

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

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