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May 7, 2014

MEMORANDUM TO: Brian E. Thomas, Acting 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 GUIDES
(RG) 3.52, 3.55, and 3.60

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of the regulatory guides (RG) listed below. 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.

- RG 3.52, "Standard Format and Content for the Health and Safety Sections of License Renewal Applications for Uranium Processing and Fuel Fabrication." RG 3.52 describes methods applicable to the evaluation and verification of the safety basis for the licensing of special nuclear material (SNM), and was issued in March, 2009.
- RG 3.55, "Standard Format and Content for the Health and Safety Sections of License Renewal Applications for Uranium Hexafluoride Production." RG 3.55 describes methods applicable intended for use in renewals of licenses for uranium hexafluoride facilities, and was issued in April, 1985.
- RG 3.60, "Design of an Independent Spent Fuel Storage Installation (Dry Storage)." RG 3.60 describes methods applicable to the design and operation of an independent spent fuel storage installation (ISFSI), and was issued in March 1987.

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Based on the results of the periodic review, the staff concludes that revisions to RGs 3.52, 3.55 and RG 3.60 are warranted. The staff anticipates submitting the draft guides to the RGGIB staff as follows:

- RG 3.52 - fall of 2014, and the staff anticipates the guide to be issued for public comment by early 2015.
- RG 3.55 - in early 2015, and the staff anticipates the guide to be issued for public comment by summer of 2015.
- RG 3.60 - summer of 2016 and the staff anticipates the guide to be issued for public comment by fall 2016.

Enclosures:

Periodic Review of Regulatory Guide 3.52

Periodic Review of Regulatory Guide 3.55

Periodic Review of Regulatory Guide 3.60

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- RG 3.60 - summer of 2016, and the staff anticipates the guide to be issued for public comment by fall of 2016.

Enclosures:

Periodic Review of Regulatory Guide 3.52

Periodic Review of Regulatory Guide 3.55

Periodic Review of Regulatory Guide 3.60

DISTRIBUTION:

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