



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

September 19, 2014

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

FROM: Harriet Karagiannis, Acting 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) 1.102

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of Regulatory Guide (RG) 1.102, Revision 1, "Flood Protection for Nuclear Power Plants." The RG dates to September 1976 and describes an acceptable approach for flood protection at nuclear power 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 a revision to RG 1.102, Revision 1 is warranted. The staff anticipates completing a draft revision in the 2<sup>nd</sup> Quarter of FY 2015 with an expected release for public comment early in Quarter 4 of FY 2015.

Enclosure:  
As stated

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

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