



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) 1.59

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.59, Revision 2, "Design Basis Floods for Nuclear Power Plants." The RG dates to August 1977 and describes acceptable approaches for design basis flood estimation for 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 1.59, Revision 2 is warranted. A draft is in the final stages of revision to address internal comments. The staff anticipates completing a draft version at the beginning of FY 2015 with an expected release for public comment early in Quarter 2 of FY 2015.

Enclosure:
As stated

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

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) 1.59

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.59, Revision 2, "Design Basis Floods for Nuclear Power Plants." The RG dates to August 1977 and describes acceptable approaches for design basis flood estimation for 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 1.59, Revision 2 is warranted. A draft is in the final stages of revision to address internal comments. The staff anticipates completing a draft version at the beginning of FY 2015 with an expected release for public comment early in Quarter 2 of FY 2015.

Enclosure:
As stated

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

DISTRIBUTION:

DE r/f

ADAMS Accession No: ML14266A561

OFFICE	RES/DE/ RGGIB	SUNSI Review	RES/DRA/ ETB	RES/DRA/ ETB	RES/DE/ RGGIB	RES/DE
NAME	E. O'Donnell PM	E.O'Donnell PM	J.Kanney, Technical Lead	W. Ott, BC	H.Karagiannis Acting BC	B. Thomas, Acting DD
DATE	09 /17 /14	09/17 /14	09/17 /14	09/17 /14	09/18 /14	09/18/14

OFFICIAL RECORD COPY