



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

09/22/2014

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) 1.198

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.198, Procedure and Criteria for Assessing Seismic Soil Liquefaction at Nuclear Power Plant Sites." The RG describes acceptable procedures for assessing soil liquefaction potential of nuclear power plant sites. The RG dates to November 2003. 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 1.198 are warranted at this time. However, the staff identified some technical or regulatory issues in the review that warrant addressing in a future revision and they are explained further in the attached review of the RG.

Enclosure:
As stated

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

09/22/2014

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) 1.198

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.198, Procedure and Criteria for Assessing Seismic Soil Liquefaction at Nuclear Power Plant Sites.” The RG describes acceptable procedures for assessing soil liquefaction potential of nuclear power plant sites. The RG dates to November 2003. 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 1.198 are warranted at this time. However, the staff identified some technical or regulatory issues in the review that warrant addressing in a future revision and they are explained further in the attached review of the RG.

Enclosure:
As stated

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

DISTRIBUTION:

DE r/f

ADAMS Accession No: ML14041A350

OFFICE	RES/DE/ RGGIB	RES/DE/ SGSEB	SUNSI Review	RES/DE/ SGSEB	RES/DE/ RGGIB	RES/DE
NAME	E.O'Donnell	T. Weaver	T. Weaver	J. Burke	H.Karagiannis	B. Thomas
DATE	09 /17 /14	09 /18 /14	09 /18 /14	09 /18 /14	09/18/14	09 /22 /14

OFFICIAL RECORD COPY