

NUCLEAR REGULATORY COMMISSION

[NRC-2013-0210]

Site Characteristics and Site Parameters for Nuclear Power Plants

AGENCY: Nuclear Regulatory Commission.

ACTION: Standard review plan-draft section revision; request for comment.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) seeks public comment on the proposed revisions to five sections in NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition." The five sections which would be revised are located in Chapter 2, "Site Characteristics and Site Parameters" of the Standard Review Plan (SRP), Section 2.5.1, "Geologic Characterization Information," (currently titled as "Basic Geologic and Seismic Information"); Section 2.5.2, "Vibratory Ground Motion"; Section 2.5.3, "Surface Deformation" (currently titled as "Surface Faulting"); Section 2.5.4, "Stability of Subsurface Materials and Foundations"; and Section 2.5.5, "Stability of Slopes."

DATES: Submit comments by **[INSERT DATE 30 DAYS FROM DATE OF PUBLICATION]**.

Comments received after this date will be considered, if it is practical to do so, but the Commission is able to ensure consideration only for comments received on or before this date.

ADDRESSES: You may submit comments by any of the following methods (unless this document describes a different method for submitting comments on a specific subject):

- **Federal Rulemaking Web site:** Go to <http://www.regulations.gov> and search for Docket ID **NRC-2013-0210**. Address questions about NRC dockets to Carol Gallagher; telephone: 301-287-3442; e-mail: Carol.Gallagher@nrc.gov. For technical questions, contact the individual(s) listed in the FOR FURTHER INFORMATION CONTACT section of this document.

- **Mail comments to:** Cindy Bladey, Chief, Rules, Announcements, and Directives Branch (RADB), Office of Administration, Mail Stop: 3WFN-06-44M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

For additional direction on accessing information and submitting comments, see “Accessing Information and Submitting Comments” in the SUPPLEMENTARY INFORMATION section of this document.

FOR FURTHER INFORMATION CONTACT: Mr. Jonathan DeGange, Office of New Reactors, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, telephone: 301-415-6992, e-mail: Jonathan.DeGange@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Accessing Information and Submitting Comments

A. Accessing Information

Please refer to Docket ID **NRC-2013-0210** when contacting the NRC about the availability of information regarding this document. You may access publicly-available information related to this document by any of the following methods:

- **Federal Rulemaking Web site:** Go to <http://www.regulations.gov> and search for Docket ID **NRC-2013-0210**.

- **NRC’s Agencywide Documents Access and Management System (ADAMS):**

You may access publicly available documents online in the NRC Library at

<http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select “[ADAMS Public Documents](#)” and then select “[Begin Web-based ADAMS Search](#).” For problems with ADAMS, please contact the NRC’s Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by e-mail to pdr.resource@nrc.gov. The ADAMS accession number for each document referenced in this document (if that document is available in ADAMS) is provided the first time that a document is referenced. The ADAMS Accession numbers for the redline documents comparing the current revisions and the proposed revisions of individual sections are available in ADAMS: Section 2.5.1, Proposed Revision 5 (ADAMS Accession No. ML12300A231), Current Revision 4 (ADAMS Accession No. ML070730464), Redline (ADAMS Accession No. ML12302A009); Section 2.5.2, Proposed Revision 5 (ADAMS Accession No. ML12301A010), Current Revision 4 (ADAMS Accession No. ML070730593), Redline (ADAMS Accession No. ML12302A010); Section 2.5.3, Proposed Revision 5 (ADAMS Accession No. ML12302A003), Current Revision 4 (ADAMS Accession No. ML070730597), Redline (ADAMS Accession No. ML12302A012); Section 2.5.4, Proposed Revision 5 (ML12302A004), Current Revision 4 (ML100610449), Redline (ML12302A011); and Section 2.5.5, Proposed Revision 5 (ADAMS Accession No. ML12302A005), Current Revision 4 (ADAMS Accession No. ML100610529), Redline (ADAMS Accession No. ML12302A013).

- **NRC’s PDR:** You may examine and purchase copies of public documents at the NRC’s PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

B. Submitting Comments

Please include Docket ID **NRC-2013-0210** in the subject line of your comment submission, in order to ensure that the NRC is able to make your comment submission available to the public in this docket.

The NRC cautions you not to include identifying or contact information that you do not want to be publicly disclosed in your comment submission. The NRC will post all comment submissions at <http://www.regulations.gov> as well as enter the comment submissions into ADAMS. The NRC does not routinely edit comment submissions to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the NRC, then you should inform those persons not to include identifying or contact information that they do not want to be publicly disclosed in their comment submission. Your request should state that the NRC does not routinely edit comment submissions to remove such information before making the comment submissions available to the public or entering the comment submissions into ADAMS.

II. Further Information

The Office of New Reactors and Office of Nuclear Reactor Regulation proposes to revise Sections 2.5.1 through 2.5.5 in Chapter 2 of NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition."

The proposed changes to the SRP sections reflect the current staff review methods and practices based on lessons learned from NRC reviews of design certification and combined license applications completed since the last revision of this chapter. Changes include: (1) incorporating several guidance documents including Interim Staff Guidance DC/ISG 017, “Interim Staff Guidance on Ensuring Hazard-Consistent Seismic Input for Site Response and Soil Structure Interaction Analyses,” NUREG-2115 and NUREG-2117; (2) adding information concerning the Geologic Mapping License Condition; (3) adding specification for backfill Inspections, Tests, Analyses, and Acceptance Criteria for backfill to be placed under safety related structures; (4) adding references to, or clarified the acceptance criteria with respect to Appendix S of Title 10 of the *Code of Federal Regulations* (10 CFR) parts 50 and 52, 10 CFR 100.23(d)(2), 100.23(c), 52.17, C 52.79 and GDC 2; and (5) clarifying and strengthening the review interface between various SRP Sections.

The NRC requests public comments on the proposed revisions to the five SRP sections in Chapter 2. After the NRC considers any public comments, it will make a determination regarding the issuance of the five proposed SRP Sections in final form.

Backfitting and Issue Finality

The five draft SRP sections, if finalized, would provide guidance to the staff with respect to site characteristics and parameters when reviewing future applications for construction permits and operating licenses under 10 CFR part 50, and future applications for early site permits, standard design approvals, standard design certifications, and combined licenses under 10 CFR part 52 with respect to those same subject matters. The NRC staff does not intend to impose the positions in the draft SRP sections, if finalized, on the two existing OL applications, the current applications for design certification rules, the current applications for

early site permits, the two current holders of combined licenses, or the current applications for combined licenses.

Issuance of these draft SRP sections, if finalized, would not constitute backfitting as defined in 10 CFR 50.109, or otherwise be inconsistent with the issue finality provisions in 10 CFR part 52. The staff's position is based upon the following considerations.

1. *The draft SRP positions, if finalized, do not constitute backfitting, inasmuch as the SRP is internal guidance to NRC staff.*

The SRP provides interim guidance to the staff on how to review an application for NRC regulatory approval in the form of licensing. Changes in internal staff guidance are not matters for which applicants or licensees are protected under 10 CFR 50.109 or issue finality provisions in 10 CFR part 52.

2. *Backfitting and issue finality – with certain exceptions discussed below - do not protect current or future applicants.*

Applicants and potential applicants are not, with certain exceptions, protected by either the Backfit Rule or any issue finality provisions under 10 CFR part 52. This is because neither the Backfit Rule nor the issue finality provisions under 10 CFR part 52 – with certain exclusions discussed below – were intended to apply to every NRC action which substantially changes the expectations of current and future applicants.

The exceptions to the general principle are applicable whenever an applicant references a 10 CFR part 52 license (e.g., an early site permit) and/or NRC regulatory approval (e.g., a design certification rule) with specified issue finality provisions. The staff does not, at this time, intend to impose the positions represented in the draft SRP section (if finalized) in a manner that is inconsistent with any issue finality provisions. If, in the future, the staff seeks to impose a position in the draft SRP section (if finalized) in a manner which does not provide issue finality

as described in the applicable issue finality provision, then the staff must address the criteria for avoiding issue finality as described in the applicable issue finality provision.

3. *The staff has no intention to impose the draft SRP positions on existing nuclear power plant licenses or regulatory approvals either now or in the future (absent a voluntary request for change from the licensee, holder of a regulatory approval, or a design certification applicant)*

The staff does not intend to impose or apply the positions described in the draft SRP section to existing (already issued) licenses (e.g., operating licenses and combined licenses) and regulatory approvals – in this case, design certifications. Hence, the draft SRP – even if considered guidance which is within the purview of the issue finality provisions in 10 CFR part 52 – need not be evaluated as if it were a backfit or as being inconsistent with issue finality provisions. If, in the future, the staff seeks to impose a position in the draft SRP (if finalized) on holders of already issued licenses in a manner which does not provide issue finality as described in the applicable issue finality provision, then the staff must make the showing as set forth in the Backfit Rule, or address the criteria for avoiding issue finality as described applicable issue finality provision, as applicable.

The NRC staff is issuing this notice to solicit public comments on the proposed SRP Sections in Chapter 2. After the NRC staff considers any public comments, it will make a determination regarding the proposed SRP Sections in Chapter 2.

Dated at Rockville, Maryland, this 5th day of September 2013.

For the Nuclear Regulatory Commission.

/RA/

Joseph Colaccino, Chief
Policy Branch
Division of Advanced Reactors and Rulemaking
Office of New Reactors

The NRC staff is issuing this notice to solicit public comments on the proposed SRP Sections in Chapter 2. After the NRC staff considers any public comments, it will make a determination regarding the proposed SRP Sections in Chapter 2.

Dated at Rockville, Maryland, this 5th day of September 2013.

For the Nuclear Regulatory Commission.
/RA/

Joseph Colaccino, Chief
 Policy Branch
 Division of Advanced Reactors and Rulemaking
 Office of New Reactors

DISTRIBUTION:

PUBLIC	APOB R/F	RidsNrrDpr
JDeGange, NRO	JColaccino, NRO	BAbeywickrama, NRO
ASTieve, NRO	KLenning, NRR	RidsNroDseaRgs1
RidsNroDseaRgs2	TDonnell, OIS	MSamson, NRO
RidsNroDsea	RidsNroDarr	RidsNroDsarRpac
RidsNrrDeEmcb	RidsNrrDpr	RidsResDe

ADAMS Accession Number: ML12300A223

***via e-mail**

ADM-012

	PM:NRO/DARR/APOB	LA:NRO/DARR/APOB	PM:NRO/DSEA/RGS2	PM:NRO/DSEA/RGS2
NAME	JDeGange*	BAbeywickrama*	ASTieve*	WWang
DATE	8/20/2013	5/20/2013	8/20/2013	8/20/13
OFFICE	PM:NRO/DSEA/RGS2	BC:NRO/DSEA/RGS1	D:NRO/DSEA	BC: NRR/DE//EMCB
NAME	SDevlin*	RKaras*	SFlanders*	AMcMurtray*
DATE	8/20/2013	5/10/2013	5/10/2013	4/1/2013
OFFICE	D: NRR/DPR	DPS/OIS	OGC/NLO	BC:NRO/DARR/APOB
NAME	KKokajko*	TDonnell*	GMizuno*	JColaccino
DATE	7/12/2013	7/22/2013	8/14/2013	9/05/2013

OFFICIAL RECORD COPY