

NUCLEAR REGULATORY COMMISSION

[NRC-2016-0045]

Steam Generator Materials and Design

AGENCY: Nuclear Regulatory Commission.

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

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is soliciting public comment on draft NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition," Section 5.4.2.1, "Steam Generator Materials and Design." The NRC seeks comments on the proposed draft section revision of the Standard Review Plan (SRP), concerning the design, fabrication, and testing of steam generators.

DATES: Comments must be filed no later than May 23, 2016. 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-2016-0045**. Address questions about NRC dockets to Carol Gallagher; telephone: 301-415-3463; e-mail: Carol.Gallagher@nrc.gov. For technical questions, contact the individuals listed in the FOR FURTHER INFORMATION CONTACT section of this document.

- **Mail comments to:** Cindy Bladey, Office of Administration, Mail Stop: OWFN-12-H08, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

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

FOR FURTHER INFORMATION CONTACT: Carolyn Lauron, telephone: 301-415-2736, e-mail: Carolyn.Lauron@nrc.gov; or Mark Notich, telephone: 301-415.3053, e-mail: Mark.Notich@nrc.gov; both are staff of the Office of New Reactors, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

SUPPLEMENTARY INFORMATION:

I. Obtaining Information and Submitting Comments

A. Obtaining Information

Please refer to Docket ID **NRC-2016-0045** when contacting the NRC about the availability of information for this action. You may obtain publicly-available information related to this action by any of the following methods:

- **Federal Rulemaking Web Site:** Go to <http://www.regulations.gov> and search for Docket ID **NRC-2016-0045**.

- **NRC’s Agencywide Documents Access and Management System (ADAMS):** You may obtain publicly-available documents online in the ADAMS Public Documents collection 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 hdr.resource@nrc.gov. The current revision of SRP Section 5.4.2.1, "Steam Generator Materials," is available in ADAMS under Accession No. ML070380192. The draft revision of SRP Section 5.4.2.1, "Steam Generator Materials and Design," is available in ADAMS under Accession No. ML16029A367. The redline strikeout version of SRP Section 5.4.2.1, "Steam Generator Materials and Design," is available in ADAMS under Accession No. ML16029A374.

- **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-2016-0045** in your comment submission.

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 posts all comment submissions at <http://www.regulations.gov> as well as entering 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 NRC seeks public comment on the proposed draft section revision SRP Section 5.4.2.1. The changes to this SRP section reflect 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 section.

Following the NRC staff's evaluation of public comments, the NRC intends to finalize SRP Section 5.4.2.1, Revision 4, in ADAMS and post it on the NRC's public Web site at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr0800/>. The SRP is guidance for the NRC staff. The SRP is not a substitute for the NRC regulations, and compliance with the SRP is not required.

III. Backfitting and Issue Finality

Issuance of these draft SRP sections, if finalized, would not constitute Backfitting as defined in § 50.109 of title 10 of the *Code of Federal Regulations* (10 CFR), (the Backfit Rule) or otherwise be inconsistent with the issue finality provisions in 10 CFR part 52. The NRC's position is based upon the following considerations.

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

The SRP provides internal guidance to the NRC 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 either nuclear power plant applicants or licensees are protected under either the Backfit Rule or the issue finality provisions of 10 CFR part 52.

2. The NRC staff has no intention to impose the SRP positions on existing licensees either now or in the future.

The NRC staff does not intend to impose or apply the positions described in the draft SRP to existing licenses and regulatory approvals. Hence, the issuance of a final SRP – even if considered guidance within the purview of the issue finality provisions in 10 CFR part 52 – would not need to be evaluated as if it were a Backfit or as being inconsistent with issue finality provisions. If, in the future, the NRC staff seeks to impose a position in the SRP on holders of already issued licenses in a manner that 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 in the applicable issue finality provision.

3. Backfitting and issue finality do not – with limited exceptions not applicable here – 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. Neither the Backfit Rule nor the issue finality provisions under 10 CFR part 52 – with certain exclusions – were intended to apply to every NRC action that 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 NRC staff does not, at this time, intend to impose the positions represented in the draft SRP 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 in a manner that 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.

Dated at Rockville, Maryland, 14th day of April, 2016.

For the Nuclear Regulatory Commission.

/RA/

Joseph Colaccino, Chief,
New Reactor Rulemaking and Guidance Branch,
Division of Engineering, Infrastructure,
and Advanced Reactors
Office of New Reactors

staff seeks to impose a position in the draft SRP in a manner that 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.

Dated at Rockville, Maryland, 14th day of April, 2016.

For the Nuclear Regulatory Commission.

/RA/

Joseph Colaccino, Chief,
New Reactor Rulemaking and Guidance Branch,
Division of Engineering, Infrastructure,
and Advanced Reactors
Office of New Reactors

Distribution:
See attached

ADAMS Accession Number: ML16043A274 (FRN) ***via e-mail** **ADM-012**

OFFICE	PM:NRO/DEIA/NRGB	PM:NRO/DEIA/NRGB	LA:NRO/DEIA/NRGB	ADM
NAME	CLauron	MNotich*	BAbeywickrama*	JBorges*
DATE	02/24/16	03/03/16	02/17/16	02/24/2016
OFFICE	BC:NRR/DE/ESGB	DD:NRR/DE/ESGB	DD: NRR/DPR	BC: NRO/DEIA/MCB
NAME	GKulesa	MBailey (MJRossLee for)	LKokajko (MGavrilas for)*	MMitchell*
DATE	02/24/16	02/26/16	03/14/16	03/04/16
OFFICE	OCIO	OGC	BC:NRO/DEIA/NRGB	
NAME	DCullison*	OMikula*	JColaccino	
DATE	03/02/16	03/31/16	04/14/16	

OFFICIAL RECORD COPY

NUCLEAR REGULATORY COMMISSION

[NRC-2016-0045]

SUBJECT: STEAM GENERATOR MATERIALS AND DESIGN

DISTRIBUTION:

PUBLIC
NRGB R/F
BAbeywickrama
JColaccino
MNotich
ELenning
AJohnson
GKulesa
GMakar
MMitchell
MBailey
LKokajko
DCullison
LFishman
RidsNrrDpr
RidsNrrDeEsgb
RidsNroDeia
RidsOgcMailCenter
RidsNroDeiaNrgb