

Draft Regulatory Guide, DG-1271 in the **Federal Register** on February 14, 2012 (77 FR 8902), for a 60-day public comment period. The public comment period closed on April 16, 2012. Public comments on DG-1271 and the staff responses to the public comments are available in ADAMS under Accession No. ML13144A843.

Revision 1 of RG 1.184 describes a method that the NRC staff considers acceptable for use in complying with the NRC's regulations relating to the decommissioning process for nuclear power reactors. The revision takes advantage of the 13 years of decommissioning experience since the first issuance of RG 1.184 in July 2000, and decommissioning guidance documents released since then have been incorporated into the guide.

## II. Congressional Review Act

This regulatory guide is a rule as defined in the Congressional Review Act (5 U.S.C. 801-808). However, the Office of Management and Budget has not found it to be a major rule as defined in the Congressional Review Act.

## III. Backfitting and Issue Finality

Issuance of this final regulatory guide does not constitute backfitting as defined in 10 CFR 50.109 and is not otherwise inconsistent with the issue finality provisions in 10 CFR part 52. As discussed in the "Implementation" section of this regulatory guide, the NRC has no current intention to impose this regulatory guide on holders of current operating licenses or combined licenses.

Dated at Rockville, Maryland, this 4th day of October, 2013.

For the Nuclear Regulatory Commission.  
**Thomas H. Boyce,**

*Chief, Regulatory Guide Development Branch,  
Division of Engineering, Office of Nuclear  
Regulatory Research.*

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## NUCLEAR REGULATORY COMMISSION

[NRC-2013-0237]

### Cost-Benefit Analysis for Radwaste Systems for Light-Water-Cooled Nuclear Power Reactors

**AGENCY:** Nuclear Regulatory  
Commission.

**ACTION:** Regulatory guide; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing revision 1 to Regulatory Guide (RG) 1.110, "Cost-Benefit Analysis for Radwaste Systems

for Light-Water-Cooled Nuclear Power Reactors," in which the NRC made editorial corrections and formatting changes with no substantive changes in the staff regulatory positions. This guide describes methods and procedures that the staff of the NRC considers acceptable for performing a cost-benefit analysis for liquid and gaseous radwaste system components for light water nuclear power reactors.

**ADDRESSES:** Please refer to Docket ID NRC-2013-0237 when contacting the NRC about the availability of information regarding this document. You may access publicly-available information related to this action by the following methods:

- *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search for Docket ID NRC-2013-0237. Address questions about NRC dockets to Carol Gallagher; telephone: 301-287-3422; email: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov). For technical questions, contact the individual(s) listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *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 email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). Revision 1 of RG 1.110 is available in ADAMS under Accession No. ML13241A052.

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

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**FOR FURTHER INFORMATION CONTACT:** Stephen C. Burton, Region III, telephone: 301-415-7000; email: [Stephen.Burton@nrc.gov](mailto:Stephen.Burton@nrc.gov), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

### SUPPLEMENTARY INFORMATION:

#### I. Introduction

The NRC is issuing a revision to an existing guide in the NRC's "Regulatory Guide" series. Regulatory guides were developed to describe and make available to the public information and methods that are acceptable to the NRC staff for implementing specific parts of

the agency's regulations, techniques that the staff uses in evaluating specific problems or postulated accidents, and data that the staff needs in its review of applications for permits and licenses. The NRC typically seeks public comment on a draft version of a regulatory guide by announcing its availability for comment in the **Federal Register**. However, as explained in section III.F. of the NRC's Management Directive Handbook 6.6, "Regulatory Guides," (ADAMS Accession No. ML110330475) the NRC may directly issue a final regulatory guide without a draft version or public comment period if the changes to the regulatory guide are non-substantive.

The NRC is issuing Revision 1 of RG 1.110 directly as a final regulatory guide because the changes between Revision 0 and Revision 1 are non-substantive. Regulatory Guide 1.110 was revised to incorporate editorial changes and the NRC's current format for regulatory guides. These changes were intended to improve clarity and did not alter the staff regulatory guidance.

In the course of a periodic review of the guide, the NRC staff identified several technical issues (ADAMS Accession No. ML13238A095). Nonetheless, the current version is successfully being used by the NRC staff in their safety reviews and by applicants in preparing license applications under parts 50 and 52 of Title 10 of the *Code of Federal Regulations* (10 CFR).

The NRC staff currently is considering revising RG 1.110 as part of rulemaking efforts being planned in response to the Staff Requirements Memorandum for SECY-12-0064, "Recommendation for Policy and Technical Direction to Revise Radiation Protection Regulations and Guidance" (ADAMS Accession No. ML12306A119). The rulemaking effort for 10 CFR part 50, appendix I, "Numerical Guides for Design Objectives and Limiting Conditions for Operation to Meet the Criterion 'As Low as is Reasonably Achievable' for Radioactive Material in Light-Water-Cooled Nuclear Power Reactor Effluents," will include the development of a technical basis, public meetings and industry workshops, and revision of NRC guidance documents and computer codes. This effort should also incorporate the update of the cost-benefit ratio for person-rem, which would be a significant update.

#### II. Backfitting and Issue Finality

Issuance of this final regulatory guide does not constitute backfitting as defined in 10 CFR 50.109 (the Backfit Rule) and is not otherwise inconsistent with the issue finality provisions in 10

CFR part 52. The changes in Revision 1 of RG 1.110 are limited to editorial changes to improve clarity and formatting changes to align with the NRC's new standardized regulatory guide format. These changes do not fall within the kinds of agency actions that constitute backfitting or are subject to limitations in the issue finality provisions of part 52. Accordingly, the NRC did not address the Backfit Rule or issue finality provisions of part 52.

### III. Congressional Review Act

This regulatory guide is a rule as defined in the Congressional Review Act (5 U.S.C. §§ 801–808). However, the Office of Management and Budget has not found it to be a major rule as defined in the Congressional Review Act.

### IV. Submitting Suggestions for Improvement of Regulatory Guides

Revision 1 of RG 1.110 is being issued without public comment. However, you may at any time submit suggestions to the NRC for improvement of existing regulatory guides or for the development of new regulatory guides to address new issues. Suggestions can be submitted by the form available online at <http://www.nrc.gov/reading-rm/doc-collections/reg-guides/contactus.html>. Suggestions will be considered in future updates and enhancements of the regulatory guide.

Dated at Rockville, Maryland, this 7th day of October 2013.

For the Nuclear Regulatory Commission.

**Thomas H. Boyce,**

*Chief, Regulatory Guide Development Branch, Division of Engineering, Office of Nuclear Regulatory Research.*

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## NUCLEAR REGULATORY COMMISSION

[NRC–2013–0234]

### Monitoring Criteria and Methods To Calculate Occupational Radiation Doses

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Draft regulatory guide; request for comment.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing for public comment draft regulatory guide (DG), DG–8031, “Monitoring Criteria and Methods to Calculate Occupational Radiation Doses.” This guide describes methods that the NRC staff considers acceptable for licensees to use to

determine monitoring criteria and calculate occupational radiation doses.

**DATES:** Submit comments by December 24, 2013. Comments received after this date will be considered if it is practical to do so, but the NRC is able to ensure consideration only for comments received on or before this date.

Although a time limit is given, comments and suggestions in connection with items for inclusion in guides currently being developed or improvements in all published guides are encouraged at any time.

**ADDRESSES:** You may submit comment 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–2013–0234. Address questions about NRC dockets to Carol Gallagher; telephone: 301–287–3422; email: [Carol.Gallagher@nrc.gov](mailto: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:

Harriet Karagiannis, telephone: 301–251–7477, email: [Harriet.Karagiannis@nrc.gov](mailto:Harriet.Karagiannis@nrc.gov), or Doris Lewis, telephone: 301–251–7559, email: [Doris.Lewis@nrc.gov](mailto:Doris.Lewis@nrc.gov). Both of the Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001.

#### SUPPLEMENTARY INFORMATION:

##### I. Accessing Information and Submitting Comments

###### A. Accessing Information

Please refer to Docket ID NRC–2013–0234 when contacting the NRC about the availability of information regarding this document. You may access publicly-available information related to this action by the following methods:

- *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search for Docket ID NRC–2013–0234.

- *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 email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The draft regulatory guide is available electronically in ADAMS under Accession No. ML13168A095. The regulatory analysis may be found in ADAMS under Accession No. ML13168A096.

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- *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–2013–0234 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 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. Additional Information

The NRC is issuing for public comment a draft guide in the NRC's “Regulatory Guide” series. This series was developed to describe and make available to the public such information as methods that are acceptable to the NRC staff for implementing specific parts of the NRC's regulations, techniques that the staff uses in