

the environmental impact is that the licensed radioactive waste contractor could recycle the mercury, resulting in the same environmental impact as granting the license amendment or properly dispose of the mercury by using a Subtitle C landfill. According to the "Mercury Emissions from the Disposal of Fluorescent Lamps", report (<http://www.epa.gov/wastes/hazard/wastetypes/universal/merc-emi/merc-pgs/emmrpt.pdf>) dated March 1998, the estimated emissions from lamps being sent to a Subtitle C landfill is 100% elemental mercury and 0% for divalent mercury. The resulting mercury discharge for up to 200 lamps from the licensee would be a maximum of 20,000 milligrams elemental mercury or ten times the amount discharged in recycling the lamps. Thus environmental impacts of either method are small, denying the amendment request would result in similar environmental impacts. The environmental impacts of the proposed action as compared to the alternative action are similar and therefore, the alternative action is accordingly not further considered.

Conclusion

The NRC staff has concluded that the proposed action is consistent with NRC regulations and guidance. The NRC staff reviewed the dose modeling analysis performed in the referenced report, which considers recycling activities for much larger quantities of lamps containing Kr-85. The report, which used extremely conservative parameter values in its assessment, calculates doses to workers involved in the recycling of these lamps as well as members of the public residing near the recycling centers that are significantly less than the NRC's corresponding annual dose limits. Since the quantity of lamps and the corresponding exposure times for workers recycling lamps from the Licensee are much smaller than those considered in the report the NRC staff is confident that the resulting doses to workers and the general public would also be proportionally smaller. Approving the proposed action would allow the Licensee to ship the lamps to a recycler for proper recycling of any of the recoverable mercury ensuring that the mercury is recycled. Recycling has shown to be the best method to recover elemental mercury which is the mercury contained in the Licensee's lamps. Because the proposed action will not significantly impact the quality of the human environment and will allow mercury that is recoverable to be recycled and not disposed, the NRC staff

concludes that the proposed action is the preferred alternative.

Agencies and Persons Consulted

The NRC provided a draft of this Environmental Assessment to the State of Connecticut for review on April 25, 2012. On June 4, 2012, Connecticut Department of Energy and Environmental Protection responded by electronic mail. The State agreed with the conclusions of the EA, and otherwise had no comments.

The NRC staff has determined that the proposed action is of a procedural nature, and will not affect listed species or critical habitat. Therefore, no further consultation is required under Section 7 of the Endangered Species Act. The NRC staff has also determined that the proposed action is not the type of activity that has the potential to cause effects on historic properties. Therefore, no further consultation is required under Section 106 of the National Historic Preservation Act.

III. Finding of No Significant Impact

The NRC staff has prepared this EA in support of the proposed action. On the basis of this EA, the NRC finds that there are no significant environmental impacts from the proposed action, and that preparation of an environmental impact statement is not warranted. Accordingly, the NRC has determined that a Finding of No Significant Impact is appropriate.

IV. Further Information

Documents related to this action, including the application for license amendment and supporting documentation, are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. From this site, you can access the NRC's Agencywide Document Access and Management System (ADAMS), which provides text and image files of NRC's public documents. The documents related to this action are listed below, along with their ADAMS accession numbers.

1. Licensee's amendment request letter dated September 9, 2011 [ML112560291]
2. Licensee's additional information letter dated November 17, 2011 [ML113250060]
3. Licensee's email attachment dated August 29, 2012 [ML12243A199]
4. Licensee's additional information letter received September 14, 2012 [ML12258A264].

If you do not have access to ADAMS, or if there are problems in accessing the documents located in ADAMS, contact

the NRC Public Document Room (PDR) Reference staff at 1-800-397-4209, 301-415-4737, or by email to pdr.resource@nrc.gov. These documents may also be viewed electronically on the public computers located at the NRC's Public Document Room (PDR), O 1 F21, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852. The PDR reproduction contractor will copy documents for a fee.

Dated at Region I, 2100 Renaissance Blvd., King of Prussia, this 25th day of October 2012.

For the Nuclear Regulatory Commission.

Judith Joustra,

Chief, Commercial and R&D Branch, Division of Nuclear Materials Safety, Region I.

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NUCLEAR REGULATORY COMMISSION

[NRC-2012-0232]

Proposed Revision to Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors

AGENCY: Nuclear Regulatory Commission.

ACTION: Standard review plan-draft section revision; extension of comment period.

SUMMARY: On October 9, 2012 (77 FR 61446), the U.S. Nuclear Regulatory Commission (NRC or the Commission), issued a NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition," on a proposed Revision 3 to its Standard Review Plan (SRP), Section 19.0 "Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors." The NRC is extending the public comment period for its SRP, Section 19.0 from November 8, 2012 to December 8, 2012.

ADDRESSES: You may access information and comment submissions related to this document, which the NRC possesses and are publically available, by searching on <http://www.regulations.gov> under Docket ID NRC-2012-0232. You may submit comments by any of the following methods:

- Federal Rulemaking Web site: Go to <http://www.regulations.gov> and search for Docket ID NRC-2012-0232. Address questions about NRC dockets to Carol Gallagher; telephone: 301-492-3668; email: Carol.Gallagher@nrc.gov.
- Mail comments to: Cindy Bladey, Chief, Rules, Announcements, and Directives Branch (RADB), Office of

Administration, Mail Stop: TWB-05-B01M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

- Fax comments to: RADB at 301-492-3446.

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: Ms. Amy E. Cubbage, Office of New Reactors, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone at 301-415-2875 or email at Amy.Cubbage@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Accessing Information and Submitting Comments

A. Accessing Information

Please refer to Docket ID NRC-2012-0232 when contacting the NRC about the availability of information regarding this document. You may access 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-2012-0232.

- 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. The ADAMS accession number for each document referenced in this notice (if that document is available in ADAMS) is provided the first time that a document is referenced. The SRP, Section 19.0, is under ADAMS Accession No. ML12132A481.

- 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-2012-0232 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 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 the Office of Nuclear Reactor Regulation are revising SRP Section 19.0, which updates Revision 2 (ADAMS Accession No. ML071700652) dated June 2007, to reflect the changes as listed in the description of changes. These changes include (1) incorporation of guidance previously contained in Interim Staff Guidance (ISG), DC/COL-ISG-003 (ADAMS Accession No. ML081430087) concerning the review of probabilistic risk assessment (PRA) information and severe accident assessments for new reactors submitted to support design certification (DC) and combined license (COL) applications, (2) incorporation of guidance previously contained in ISG DC/COL-ISG-020 (ADAMS Accession No. ML100491233) concerning review of information from PRA-based seismic margin analyses submitted in support of DC and COL applications, (3) incorporation of guidance previously contained in ISG DI&C/COL-ISG-003 (ADAMS Accession No. ML080570048) concerning review of digital instrumentation and control system PRAs, including common cause failures in PRAs and uncertainty analysis associated with new reactor digital systems, and (4) incorporation of additional procedures for review of PRA information and severe accident assessments developed during NRC reviews of DC and COL applications completed after ISG DC/COL-ISG-003 was issued. A redline document comparing Revision 2 and the current proposed Revision 3 can be found under ADAMS Accession No. ML12153A008. The NRC staff issues **Federal Register** notices to facilitate timely implementation of the current staff guidance and to facilitate activities

associated with the review of amendment applications. The NRC staff intends to incorporate the final approved guidance into the next revision of NUREG-0800, SRP Section 19.0 Revision 3. Therefore, the comment submittal period is extended from the original date of November 8, 2012 to December 8, 2012.

Dated at Rockville, Maryland, this 25th day of October 2012.

For the Nuclear Regulatory Commission.

Amy E. Cubbage,

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

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NUCLEAR REGULATORY COMMISSION

[NRC-2012-0268]

Proposed Revisions to Radiation Protection

AGENCY: Nuclear Regulatory Commission.

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

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC or the Commission) is revising the following sections in Chapter 12, "Radiation Protection" and soliciting public comment on NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition," Section 12.1, "Assuring that Occupational Radiation Exposures Are As Low As Is Reasonably Achievable," Section 12.2, "Radiation Sources," 12.3-12.4, "Radiation Protection Design Features," and Section 12.5, "Operational Radiation Protection Program."

DATES: Submit comments by January 7, 2013. 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 access information and comment submissions related to this document, which the NRC possesses and are publicly available, by searching on <http://www.regulations.gov> under Docket ID NRC-2012-0268. You may submit comments by any of the following methods:

- *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search for Docket ID NRC-2012-0268. Address questions about NRC dockets to Carol Gallagher; telephone: 301-492-3668; email: Carol.Gallagher@nrc.gov.