



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

June 9, 2017

ALL AGREEMENT AND NON-AGREEMENT STATES  
STATE LIAISON OFFICERS

OPPORTUNITY TO REVIEW AND COMMENT ON INTERNATIONAL ATOMIC ENERGY  
AGENCY DRAFT SAFETY GUIDE DS434, "RADIATION SAFETY OF ACCELERATOR  
RADIOISOTOPE PRODUCTION FACILITIES" (STC-17-050)

**Purpose:** To provide States with the opportunity to review and comment on the Draft Safety Guide DS434, "Radiation Safety of Accelerator Radioisotope Production Facilities,"<sup>1</sup> by August 8, 2017, to the contact listed.

**Background:** The International Atomic Energy Agency (IAEA) has made available the Draft Safety Guide DS434, "Radiation Safety of Accelerator Radioisotope Production Facilities," for Member State review and comment. Proposed changes from Member State review will be taken into account in the finalization of the safety standard. The objective of Draft Safety Guide DS434 is to provide recommendations on how to meet the requirements of IAEA Safety Standards Series No. GSR Part 3, Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards with regard to radioisotope production facilities. This Safety Guide provides specific, practical recommendations on the safe design and operation of these facilities for use by operating organizations and the designers of these facilities, and by regulatory bodies.

**Discussion:** The U.S. Nuclear Regulatory Commission (NRC) is coordinating the U.S. review of this safety guide. Consolidated comments will be submitted to the IAEA by the NRC through established official channels. Please provide your comments to Cindy Flannery ([cindy.flannery@nrc.gov](mailto:cindy.flannery@nrc.gov)) by August 8, 2017. The attached IAEA comment template is provided for your use. Any comments provided should refer to the relevant paragraph number in the draft text being reviewed and should propose alternative text, as appropriate.

The review should focus on the following:

- 1) Are there any safety issues that may be inconsistent with States' regulations or common practices?
- 2) Relevance and usefulness of this document — Are the stated objectives appropriate, and are they met by the draft text? Do you have any suggestions to include in the document?
- 3) Scope and completeness — Is the stated scope appropriate and is it adequately covered by the draft text?

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<sup>1</sup> This information request has been approved by OMB under clearance numbers 3150-0029 and 3150-0200, expiration 1/31/2019 and 10/31/2018. The estimated burden per response to comply with this voluntary collection is approximately 8 hours. Send comments regarding the burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to [infocollects.resource@nrc.gov](mailto:infocollects.resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0200), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

- 4) Quality and clarity — Do the requirements and guidance in the document represent the current consensus among specialists in the field, and are they expressed clearly and coherently?
- 5) Are the requirements and guidance expressed clearly and coherently? If you have any questions regarding this correspondence?

Comments of an editorial nature will be considered; however, it should be noted that the draft text will be comprehensively edited by the IAEA Secretariat.

Enclosed is: (1) communication from the IAEA concerning Draft Safety Guide DS434 and its review, including an “Explanatory Note” regarding this document; (2) Draft Safety Guide DS434, “Radiation Safety of Accelerator Radioisotope Production Facilities;” and (3) blank template for comment preparation.

If you have any questions regarding this communication, please contact the individual named below:

POINT OF CONTACT: Cindy Flannery  
TELEPHONE: 301-415-0223

INTERNET: [Cindy.flannery@nrc.gov](mailto:Cindy.flannery@nrc.gov)

***/RA Kevin Williams for/***

Daniel S. Collins, Director  
Division of Material Safety, State, Tribal  
and Rulemaking Programs  
Office of Nuclear Material Safety  
and Safeguards

Enclosures:

1. Explanatory Note from IAEA
2. Draft Safety Guide DS434
3. IAEA Comment Template

SUBJECT: OPPORTUNITY TO REVIEW AND COMMENT ON INTERNATIONAL ATOMIC ENERGY AGENCY DRAFT SAFETY GUIDE DS434, "RADIATION SAFETY OF ACCELERATOR RADIOISOTOPE PRODUCTION FACILITIES" (STC-17-050)

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Matt McKinley, OAS

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<b>DATE</b>	05/22/17	6/6/17	6/8/17	6/9/17

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