



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

August 20, 2014

ALL AGREEMENT AND NON-AGREEMENT STATES  
STATE LIAISON OFFICERS

**OPPORTUNITY TO REVIEW AND COMMENT ON INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA) DRAFT SAFETY GUIDE DS454, "PREDISPOSAL MANAGEMENT OF RADIOACTIVE WASTE FROM THE USE OF RADIOACTIVE MATERIALS IN MEDICINE, INDUSTRY, AGRICULTURE, RESEARCH AND EDUCATION" (FSME-14-081)**

**Purpose:** To provide States with the opportunity to review and comment on the Draft Safety Guide DS454, "Predisposal Management of Radioactive Waste from the Use of Radioactive Materials in Medicine, Industry, Agriculture, Research and Education"<sup>1,2,3</sup> by October 25, 2014, to the contact listed.

**Background:** The general IAEA principles of managing radioactive waste in a safe manner have been set out in the IAEA Safety Fundamentals publication entitled Fundamental Safety Principles. This Draft Safety Guide is concerned with the application of these principles to the management of radioactive waste prior to disposal. The objective of Draft Safety Guide DS454 is to provide guidance on the safe management of radioactive waste arising from the use of radioactive materials in medicine, industry, agriculture, research and education.

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<sup>1</sup> This information request has been approved by OMB 3150-0029 expiration 04/30/2017. The estimated burden per response to comply with this voluntary collection is approximately 8 hours. Send comments regarding the burden estimate to the Records and Information Services Branch (T-5F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet 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.

<sup>2</sup> This information request has been approved by OMB 3150-0200 expiration 09/30/2015. The estimated burden per response to comply with this voluntary collection is approximately 8 hours. Send comments regarding the burden estimate to the Records and Information Services Branch (T-5F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet 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.

<sup>3</sup> This information request has been approved by OMB 3150-0163, expiration 03/31/2016. The estimated burden per response to comply with this voluntary collection is approximately 8 hours. Send comments regarding the burden estimate to the Records and Information Services Branch (T-5F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet 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.

**Discussion:** NRC has been provided the Draft Safety Guide DS454, "Predisposal Management of Radioactive Waste from the Use of Radioactive Materials in Medicine, Industry, Agriculture, Research and Education" for Member State review and comment. Enclosed is: (1) communication from the IAEA concerning this document and its review, including an "Explanatory Note" regarding this document; (2) DS454, "Predisposal Management of Radioactive Waste from the Use of Radioactive Materials in Medicine, Industry, Agriculture, Research and Education;" and (3) a blank template for comment preparation.

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) Is the stated scope appropriate and is it adequately covered by the draft text?
- 4) Do the requirements and guidance in the document represent the current consensus among specialists in the field?
- 5) Are the requirements and guidance expressed clearly and coherently? If you have any questions regarding this correspondence, please contact the individual named below.

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Enclosures:

1. Explanatory Note from IAEA
2. DS454
3. IAEA Comments Template

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