

Regulatory Guide Periodic Review

Regulatory Guide Number: 8.24, Revision 2

Title: Health Physics Surveys During Enriched Uranium-235 Processing and Fuel Fabrication

Office/Division/Branch: NMSS/DFM/NARAB

Technical Lead: Eli Goldfeiz

Staff Action Decided: Reviewed with no issues identified

1. What are the known technical or regulatory issues with the current version of the Regulatory Guide (RG)?

This RG was issued in 2012 to provide guidance for type and frequencies of surveys that process enriched uranium and fabricate uranium fuel. Specifically, the RG applies to facilities for which NRC regulations require routine protection of workers in enriched uranium processing and fuel fabrication licensed by NRC. The current version of this regulatory guide has no known technical or regulatory issues. The technical basis and the references cited are appropriate and current.

2. What is the impact on internal and external stakeholders of not updating the RG for the known issues, in terms of anticipated numbers of licensing and inspection activities over the next several years?

Not applicable.

3. What is an estimate of the level of effort needed to address identified issues in terms of full-time equivalent (FTE) and contractor resources?

Not applicable.

4. Based on the answers to the questions above, what is the staff action for this guide (Reviewed with no issues identified, Reviewed with issues identified for future consideration, Revise, or Withdraw)?

Reviewed with no issues identified.

5. Provide a conceptual plan and timeframe to address the issues identified during the review.

N/A

NOTE: This review was conducted in July 2022 and reflects the staff's plans as of that date. These plans are tentative and subject to change.