

## Regulatory Guide Periodic Review

**Regulatory Guide Number:** 8.37, Revision 0

**Title:** ALARA Levels for Effluents from Materials Facilities

**Office/division/branch:** RES/DSA/RPB

**Technical Lead:** Casper Sun

**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)?**

RG 8.37, Revision 0, was issued in July 1993 to provide an acceptable program for establishing and maintaining ALARA levels for gaseous and liquid effluents at materials facilities in order to comply with 10 CFR Part 20, "Standards for Protection Against Radiation."

No technical or regulatory issues were identified as a result of this review. The guidance remains applicable as written since the ALARA levels for effluents from materials facilities in the current guide are adequate in terms of radiation safety and protection, as required by 10 CFR Part 20.

**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?**

Since there were no issues identified, there is no impact on licensing and inspection activities.

**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.**

The staff will consider the new available references and any other technical information that may need to be updated during the next periodic review of the guide.

**NOTE: This review was conducted in December 2017 and reflects the staff's plans as of that date. These plans are tentative and are subject to change.**