

Regulatory Guide Periodic Review

Regulatory Guide Number: 4.15, Revision 2

Title: Quality Assurance for Radiological Monitoring Programs (Inception Through Normal Operations to License Termination) — Effluent Streams and the Environment

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)?

This RG was issued in 2007 to provide guidance for designing and implementing programs to ensure the quality of the measurement results from radioactive materials in the outside effluents and environment of facilities that process, use, or store radioactive materials during all phases of the facility's life cycle. Specifically, the RG applies to facilities for which NRC regulations require routine monitoring of radioactive effluents to the environment. 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.

Not applicable.

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

The previous periodic review was completed in April 2012 and the staff had also determined "no issues identified."