

Regulatory Guide Periodic Review

Regulatory Guide Number: 1.197, Revision 0

Title: Demonstrating Control Room Envelope Integrity at Nuclear Power Reactors

Office/Division/Branch: NRR/DSS/SCPB

Technical Lead: David Coy

Staff Action Decided: Reviewed with issues identified for future consideration

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

No significant issues were identified, and the following minor issues were identified for future consideration:

- Reference 2 in RG 1.197
 - Replace RG 1.78, Revision 1, January 2002 to Revision 2, December 2021.
- Reference 3 in RG 1.197
 - Replace RG 1.95, Revision 1, January 1977 to RG 1.78, Revision 2.
 - RG 1.95 was previously withdrawn because its guidance was incorporated into RG 1.78 Rev 1, making it redundant.
- If reference 3 is changed, then consider removing “or Regulatory Guide 1.95 (Ref. 3)”, which is on page 2 of 15 of the PDF, because it is no longer needed.
- Reference 4 in RG 1.197
 - Replace American Society for Testing and Materials, ASTM E741-00, 2000 to ASTM E741-24, 2024.

The prior periodic review (ML15117A117) was considered and this review is an update to the issues previously identified.

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?

The impact on internal or external stakeholders resulting from not revising the RG would be minimal. RG can still be used because the staff did not identify any significant technical issue.

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?

0.1 FTE

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 issues identified for future consideration.

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

The staff will delay the revision until a more substantial update is required.

NOTE: This review was conducted in June 2025 and reflects the staff's plans as of that date. These plans are tentative and subject to change.