

Regulatory Guide 1.247

Acceptability of PRA Results for Non-Light Water Reactor
Risk-Informed Activities

July 30, 2024

Publication of the Trial Use RG 1.247

Federal Register notice announcing public availability of the trial use RG 1.247 was published on March 24, 2022 ([87 FR 16770](#))

Staff conducted a post-promulgation comment period ending on May 23, 2022

A 2-year trial use period followed the comment period starting on May 24, 2022, and concluded on May 23, 2024

Trial Use Period for RG 1.247

The purpose of the 2-year trial use period was to help gain additional implementation experience to better inform draft and final staff positions.

Based on available information at the time, it was expected the trial use RG 1.247 might be used by prospective, near-term, non-LWR applicants.

No comments were received on the trial use RG 1.247 during the 2-year trial use period.

Path Forward for RG 1.247

Staff to finalize the staff positions in RG 1.247 following the conclusion of the trial use period and culminating in the publication of a final staff position in RG 1.247, Revision 0.

The trial use RG 1.247 to be withdrawn following publication of RG 1.247, Revision 0

Finalization will occur over an extended period to allow consideration of near-term use of the trial use RG 1.247 in non-LWR licensing activities.

Comments to be re-evaluated (post promulgation)

- The HLR-HR-E and HR-E4 are not consistent with the current PRA State of practice
 - *EOC language does not maintain consistency with the LWR PRA standard.*
- Definition of “feasible”
 - *The definition of feasible provided may be appropriate for the HRA requirements within the standard, HLR-DA-D also uses the word feasible in a manner not consistent with the proposed definition*
- Use of feasibility assessment
 - *Addition of feasibility studies Not appropriate, Redundant to existing requirements*

Finalization Schedule for RG 1.247

May 2024 – Staff start development of the proposed draft regulatory guide (DG)
Comment resolution, periodic meetings to gain more insights from RG users

March 2025 – Staff publish DG, as informed by:
Periodic public meetings to provide and discuss development status
Consideration of near-term use of trial use RG 1.247

April to May 2025 – Public comment period on DG

Mid-calendar year (CY) 2025 to mid-CY2026:
Resolution of public comments
Internal and ACRS reviews

Mid-CY2026 – Publication of RG 1.247, Revision 0