

**Specific questions soliciting stakeholder input on consideration of rulemaking to address prompt remediation of residual radioactivity during operations.**

To assist the NRC in developing a comprehensive technical basis document for a potential rulemaking requiring prompt remediation, the NRC is seeking stakeholder input on the following questions:

1. Should the NRC conduct rulemaking to address remediation of residual radioactivity during the operational phase? Why or why not?
2. If the NRC implements a rule that requires prompt remediation of radioactive spills and leaks, what concentration, dose limits, or other threshold limits should trigger prompt remediation? Should the thresholds differ for soil versus groundwater contamination? For example, should the NRC screening criteria be used to establish threshold levels for soil contamination? Should the EPA's maximum contaminant levels be used for drinking water?
3. Should the NRC allow licensees to justify delaying remediation under certain conditions when the contaminant level exceeds the threshold limit? If yes, then what conditions should be used to justify a delayed remediation?
4. Should factors such as safety, operational impact, and cost be considered for delaying remediation?
5. If the NRC implements a rule that allows licensees to analyze residual radioactivity to justify delaying remediation, then what should the licensee's analysis cover? For example, what kind of dose assessment, risk-assessments and/or cost-benefit analyses should be performed to justify delayed remediation? What other types of analyses are relevant?
6. If the NRC implements a rule that allows licensees to analyze residual radioactivity to justify delaying remediation, what role should the cost of prompt remediation versus remediation at the time of decommissioning play in an analysis to justify delayed remediation?

7. If the NRC implements a rule that allows licensees to analyze residual radioactivity to justify delaying remediation, what standards or criteria should a licensee use to demonstrate to the NRC that a sufficient justification to delay remediation has been met?
8. Are there any other alternatives beyond those discussed in the Draft Proposed Technical Basis document that the NRC should have considered to address prompt remediation?
9. What other issues should the NRC staff consider in developing a technical basis for a rulemaking to address prompt remediation of residual radioactivity during site operations?