

## **Stakeholder Discussion Topics**

NRC Public Meeting (Webinar) on EO 14300 Section 5(b)

July 16, 2025, 1300 - 1700

Section 5(b) of EO 14300 gives the NRC an opportunity to reconsider and improve its radiation protection framework. The EO specifically directs the NRC to reconsider its use of the linear no-threshold (LNT) model, the principle of keeping exposures as low as reasonably achievable (ALARA) and the potential use of determinate dose limits. To inform this effort, the NRC is holding a public meeting to obtain stakeholders perspectives regarding EO 14300 on July 16, 2025. The NRC offers the following topics to guide proposals for stakeholder presentations.

### Stakeholder Discussion Topics:

1. Overviews of scientific research (e.g., non-LNT or other models) that could inform the NRC's recommendations for changes to its radiation protection framework, including adoption of determinate dose limits and levels for acceptable lifetime occupational doses.
2. Summaries of data and experience that quantify the impact of ALARA on stakeholders, and insights on the potential impacts of removing ALARA from NRC regulations.
3. Insights on defining dose values below which ALARA efforts would not be required by regulation.
4. Insights on potential transition from annual stochastic dose limits to stochastic limits based on longer periods (e.g., public dose limit of 500 mrem over five years and occupational dose limit of 25 rem over five years) while retaining current deterministic dose limits (e.g., occupational skin dose limit).
5. Insights for modifying NRC's cost-benefit dollar per person-rem guidance at low doses considering lower risk and uncertainties of health effects and resulting economic impacts on stakeholders.
6. Recommendations for improvements to the NRC's radiation protection regulatory framework that would improve outcomes for licensees while maintaining adequate protection of exposed individuals.