

MEETING SUMMARY OF THE JULY 14, 2026, PUBLIC MEETING ON EXECUTIVE ORDER 14300 RULEMAKING – INTEGRATED LOW-LEVEL RADIOACTIVE WASTE DISPOSAL

On July 14, 2026, the U.S. Nuclear Regulatory Commission (NRC) staff from the Office of Nuclear Material Safety and Safeguards (NMSS) held a virtual public meeting to provide an overview of the proposed rulemaking associated with how the NRC is implementing Executive Order (EO) 14300, “Ordering the Reform of the Nuclear Regulatory Commission,” Section 5(d). The meeting notice and agenda are located at Agencywide Documents Access and Management System (ADAMS) Accession No. [ML26182A244](#). The slides for the staff presentation are available at [ML26196A177](#).

NMSS staff delivered a presentation on the proposed rulemaking referred to as, “The Integrated Low-Level Radioactive Waste Disposal (ILLRWD) Rulemaking,” which proposes numerous updates to regulations under Title 10 of the *Code of Federal Regulations* (10 CFR) that govern the land disposal of low-level radioactive waste. NMSS staff explained the purpose, scope, and applicability of revisions intended to enhance regulatory clarity, reduce unnecessary burden and maintain safety, while increasing flexibility for both current and future disposal facilities. The new proposed framework would allow some GTCC waste to be disposed of in the near surface and more concentrated GTCC disposal in new “specialized land disposal facilities.” The presentation highlighted changes to:

- expand regulatory coverage to include certain transuranic wastes
- introduce a new risk-informed framework for low-level waste disposal in which sites can develop waste acceptance criteria based on site-specific characteristics rather than using prescriptive limits
- allow for a graded approach: facilities that do not plan to accept significant quantities of long-lived radionuclides or GTCC waste will follow a streamlined set of requirements; those managing these waste streams must conduct technical assessments to ensure long-term safety
- provide new options for disposal of higher concentrations of waste, providing new alternatives for safe low-level waste management.

The NMSS staff also reiterated that this proposed rule does not apply to high-level waste, which must still be disposed of in a geologic repository.

Following the NMSS staff’s presentation, the meeting was opened for public discussion. Approximately 215 participants joined the meeting, including representatives from other federal agencies, Agreement States, nuclear energy industry, waste disposal industry, national laboratories, journalists, waste compacts, legal firms, independent consultants, and private citizens.

Highlights from the meeting include:

- Participants inquired if NRC planned to hold public meetings in other states, including Andrews, TX, where the community has concerns regarding existing disposal facilities and modifications to include GTCC. NMSS staff commented that the schedule for EO rulemaking does not allow for multiple public meetings; however, if a GTCC application were submitted, additional meetings would be held in affected locations.

- Participants asked clarifying questions about GTCC licensing and whether transuranic waste and future reprocessing waste could be disposed in a specialized land disposal facility (SLDF). NMSS staff confirmed that these types of waste could likely be disposed of in an SLDF and that in the proposed rule, the NRC would be the licensing authority for all GTCC waste.
- Participants also asked questions about whether existing disposal facilities could accept GTCC without a new license. NMSS staff indicated any facility seeking to dispose of GTCC would need a new NRC license.
- There were questions regarding how the ability to accept GTCC for disposal would affect the existing low-level waste compacts. NMSS staff indicated that the NRC does not have authority over the waste compacts.
- A few participants inquired about how Schedule F of 10 CFR Part 61 would be implemented to ensure that States and Tribes have an official role in NRC licensing decisions and ongoing oversight for GTCC in low-level waste disposal facilities. NMSS staff acknowledged this process would be developed in future guidance.
- One participant mentioned there could be a need to revise the NRC's Branch Technical Position on Concentration Averaging. NMSS staff requested the commenter to elaborate in response provided via the *Federal Register* Notice (FRN).
- One participant commented that the requirement for a safety case is duplicative and not necessary for a license application or renewal. NMSS staff requested the commenter to elaborate in response provided via the FRN.

No regulatory decisions were made during this meeting.

SUBJECT: PUBLIC MEETING SUMMARY EO 14300 INTEGRATED LOW-LEVEL
RADIOACTIVE WASTE DISPOSAL PROPOSED RULE DATED: August 11, 2026

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