



Overview of the NRC's Consolidated NMSS Decommissioning Guidance

Duane W. Schmidt, Kristina L. Banovac, Thomas L. Fredrichs, James C. Shepherd, and Theodore B. Smith: U.S. Nuclear Regulatory Commission, Decommissioning Branch

Summary:

- Goals: consolidate, update, risk-inform, and performance-base the decommissioning guidance.
- Product is 3-volume NUREG-1757.
- Each volume was published as draft for public comment.
- NUREG-1757 provides **guidance on acceptable methods and approaches**, for use by licensees, NRC staff, and others.

NUREG-1757, Consolidated NMSS Decommissioning Guidance

- Final Volumes published September 2003
- <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1757>

Volume 1, Decommissioning Process for Materials Licensees

- Applies to fuel cycle, fuel storage, and materials licensees.
- Guidance for decommissioning plans (DPs) and related compliance documents, including aspects of site description and current radiological conditions, decommissioning activities, management, quality assurance, and changes to approved DPs.
- Guidance to NRC staff on processing DPs and license amendments.

Volume 2, Characterization, Survey, and Determination of Radiological Criteria

- Fuel cycle, fuel storage, materials, and reactor licensees.
- Guidance for technical aspects of DPs (for materials licensees), License Termination Plans (LTPs) (for reactor licensees) and related documents, for demonstrating compliance with the License Termination Rule (LTR), especially final status surveys (FSS), dose assessments, and ALARA demonstrations.

Volume 3, Financial Assurance, Recordkeeping, and Timeliness

- Fuel cycle, fuel storage, and materials licensees.
- Guidance on compliance with the "Timeliness in Decommissioning of Materials Facilities" (Timeliness Rule).
- Guidance on financial assurance, including decommissioning funding plans and financial instruments.
- Guidance on recordkeeping plans and requirements.

