

Standards Actions

Technical Standards Program Newsletter

September 2017



U.S. DEPARTMENT OF

ENERGY

OFFICE OF
NUCLEAR SAFETY

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TECHNICAL STANDARDS ACTIVITIES

FINALIZATION OF TECHNICAL STANDARDS PRIORITIZATION

In an effort to more efficiently and effectively manage and coordinate technical standards activities, the Office of Nuclear Safety (AU-30) has been working to update the status of all of the Standards within the Department of Energy (DOE) Technical Standards Program (TSP) and develop a prioritization for the development of new Standards and updates to existing Standards.

AU-30 sent Senior Line Manager's (SLMs) correspondence related to their initiative. Part of the role of a SLM is to approve Project Justification Statements (PJSs), mediate the dispute resolution process when non-concurrence issues are elevated, and to approve the new or revised Technical Standard once the revision process has been completed.

AU-30, consistent with DOE Order (O) 252.1A, *Technical Standards Program*, establishes the programs, requirements, and guidance necessary to effectively and efficiently manage, coordinate, and report technical standards activities conducted on behalf of DOE.

To assist with this activity, AU-30 provided a table containing the DOE Technical Standards belonging to each SLM. The table contained two parts. The first part contained Standards that are currently within the TSP change process (if any). The second part contained the remaining Standards within each SLM's purview, that are currently not in the change process, but are posted as current approved technical standards.

To verify and document the status of their Standards, each SLM was asked for the following to be completed (all to be done by marking up an attached table):

1. Verify that the attached list was a complete list of all of the Technical Standards Program Documents assigned to them as a SLM.
2. Verify that the SLM and Preparing Activity (PA) staff listed were currently accurate.
3. Confirm agreement to cancel the PJS (and the associated Project) for entries that AU-30 recommended cancelling. AU-30 has recommended cancellation for several "in process" document revisions that have not made progress in several years.

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4. For those Standards currently not under revision, complete the questionnaire to indicate if any of these documents will enter the change process within the (1) next 6 months, (2) next 6 to 12 months, or (3) beyond the next 12 months.
5. Provide a list of any *new* Technical Standards Program documents being developed and indicate if any of these documents will enter the process (1) within the next 6 months, (2) in the next 6 to 12 months, or (3) beyond the next 12 months.

By providing this information, SLMs will help improve the quality of TSP-related documentation, prioritize TSP-related activities, and better manage their Standards through process in a timely manner.

In the near future, in an effort to further improve the TSP process, AU-30 will focus on the quality and content of PJSs. AU-30 will need the support of all organizations to help ensure that PJSs are comprehensive and that they provide sufficient detail about the benefit to DOE and the impact to its stakeholders. AU will expect PJSs to include a rationale regarding the priority their organization places on the Technical Standard, and provide a more critical analysis regarding any decisions for not using Voluntary Consensus Standards (VCSs).

Per DOE O 252.1A, SLMs will have the continued responsibility to coordinate TSP efforts with their organization's Technical Standards Managers (TSMs), ensuring that they are fully engaged in the process.

Below is a list of the duties and responsibilities of the SLMs and TSMs as published in DOE O 252.1A.

Cognizant Secretarial Officers, Senior Program Officials, and Field Office Managers

- Manage their organizations' participation in the DOE TSP.
- Designate TSMs to serve as the organizations' points of contact for technical standards activities and to coordinate with the TSP by participating in the Technical Standards Management Committee (TSMC).
- Ensure, through their TSMs, that technical standards identified or developed by their elements for DOE-wide use are coordinated, to the extent appropriate, with their respective contractors, and TSMs utilize the TSP or a recognized standards development organization.
- Use appropriate VCSs in lieu of developing internal DOE Technical Standards to support DOE missions and functions, except where inconsistent with law or otherwise impractical.
- In partnership with their organization's TSM and the DOE TSP, maintain technical standards for which their organization has responsibility (e.g., responding to Sunset Review Reports in a timely manner).
- Identify contracts to which the CRD should apply and notify the cognizant contracting officers.

Technical Standards Managers

- Serve as organization points-of-contact for technical standards activities.
- Coordinate organization participation in the TSP in accordance with the TSPPs.
- Participate with the TSMC in cooperation with the DOE Technical Standards Program Manager (TSPM).
- Conduct and inform the TSPM of any technical standards activities in accordance with the requirements of this Order.
- Keep their program Secretarial Officers (PSOs) informed as to all technical standards activities that may be of concern to them.
- Support implementation of P.L. 104-113 and OMB A-119 within DOE.
- In partnership with the TSPM, screen all TSP projects to ensure that they meet the description of a technical standard, as provided in Appendix A of this Order, and are not duplicative of existing, adequate VCSs, allowing only those projects that meet that intent to proceed past the project initiation phase.
- In partnership with Cognizant Secretarial Officers, Senior Program Officials Field Office Managers, and the DOE TSP, respond to all TSP requests, including the maintenance of technical standards for which their organization has responsibility (e.g., responding to Sunset Review Reports in a timely manner).

We are anticipating that this initiative will help to improve and streamline DOE's Technical Standards process.

TECHNICAL STANDARDS ACTIVITIES

DOE TECHNICAL STANDARDS UPDATES

The following is an overview of recent Technical Standards actions. A complete list of on-going DOE Technical Standards actions can be found on the "Monthly Status Reports" posted on the Technical Standards Program website: energy.gov/ehss/monthly-status-reports.

Project Justification Statements (PJS) Posted in RevCom for 15-day Review

- **Proposed New Documents**

- DOE-STD-XXXX-YR, *Preparation and Conduct of Protective Force Performance Testing*
Contact: Carl Pocratsky, Office of Security (AU-50) Phone: 301-903-2769
- DOE-STD-XXXX-YR, *Emergency Management Program Administration; Risk-Informed and Performance-Based Indicators and Assessments*
Contact: Kyle Hanley, Office of Emergency Operations (NA-41) Phone: 202-586-9748

We continue to hold the following PJSs and will post them in RevCom when given approval from AU senior management.

- **Proposed Revisions**

- DOE-STD-3013-2012, *Stabilization, Packaging, and Storage of Plutonium-Bearing Materials*
Contact: Hitash Nigam, Nuclear Materials Office (EM 4.23) Phone: 301-903-7715
- DOE-STD-1111-2013, *Department of Energy Laboratory Accreditation Program Administration*
Contact: James Dillard, Office of Worker Safety and Health Policy (AU-11) Phone: 301-903-1165
- DOE-STD-1095-2011, *Department of Energy Laboratory Accreditation Program for Personnel Dosimetry*
Contact: James Dillard, Office of Worker Safety and Health Policy (AU-11) Phone: 301-903-1165
- DOE-STD-1171-2009, *Safeguards and Security Functional Area Standard*
Contact: Michael Greene, Office of Enterprise Assessment, National Training Center (EA-50)
Phone: 505-845-6359
- DOE-STD-1192-2010, *Security Risk Management Technical Standard*
Contact: Mark Hojnacke, Office of Security (AU-50) Phone: 301-903-3311

New Projects Registered

Nothing new to report.

Posted in RevCom for 60-day Review

- **Proposed Revision**

- DOE-STD-1146-2007, *General Technical Base Qualification Standard*
Contact: Al MacDougall, Office of Enterprise Assessment, National Training Center (EA-50)
Phone: 505-845-5549

- **Proposed Cancellation**

- DOE-STD-1180-2004, *Construction Management Functional Area Qualification Standard*
Contact: Al MacDougall, Office of Enterprise Assessment, National Training Center (EA-50)
Phone: 505-845-5549

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DOE TECHNICAL STANDARDS UPDATES

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Approved Standards

- DOE-HDBK-1220-2017, *Natural Phenomena Hazards Analysis and Design Handbook for DOE Facilities*
Contact: Sharon Jasim-Hanif, Office of Nuclear Safety Basis and Facility Design (AU-31) **Phone:** 301-903-4664
- DOE-STD-1136-2017, *Guide of Good Practices for Occupational Radiological Protection in Uranium Facilities*
Contact: James Dillard, Office of Worker Safety and Health Policy (AU-11) **Phone:** 301-903-1165
- DOE-STD-1098-2017, *Radiological Control*
Contact: James Dillard, Office of Worker Safety and Health Policy (AU-11) **Phone:** 301-903-1165
- DOE-STD-5002-2017, *Disposal Authorization Statement and Tank Closure Documentation*
Contact: David Levenstein, Office of Environmental Compliance (EM-11) **Phone:** 301-903-6500
- DOE-STD-1063-2017, *Facility Representatives*
Contact: James Heffner, Office of Quality Assurance and Nuclear Safety Management Programs (AU-32)
Phone: 202-586-3690

UPCOMING MEETINGS & CONFERENCES

The American Concrete Institute Concrete Convention & Exposition

When: October 15–19, 2017

Where: Anaheim, CA

EFCOG Worker Safety & Health Subgroup Meeting

When: October 24–26, 2017

Where: Washington, DC

2017 American Nuclear Society Winter Meeting and Nuclear Technology

When: October 29–November 2, 2017

Where: Washington, DC

EFCOG Quality Assurance & Integrated Safety Management Working Group Meeting

When: November 6–9, 2017

Where: Las Vegas, NV

2018 American Society of Mechanical Engineers Annual Meeting

When: June 17–21, 2018

Where: Philadelphia, PA

To learn more about the DOE Technical Standards Program or
to view the *Standards Actions* newsletters,
visit the website:

<http://energy.gov/ehss/services/nuclear-safety/department-energy-technical-standards-program>