



The Standards Forum And Standards Actions



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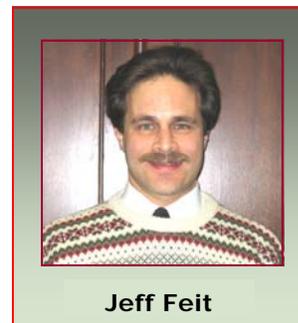
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Technical Standards Program Manager's Note

The month of September brought a geographical change for the Technical Standards Program (TSP). Program staff have moved to Department of Energy's (DOE) main Germantown building in an effort to become centrally located with the rest of the Office of Health, Safety and Security (HSS). It is important to note that TSP services and products have not changed as a result of the move. Also, you can still contact us at our established phone numbers and e-mail addresses.

In August, TSP staff made a successful presentation to key Directives Program personnel. The list of attendees also included individuals from other program offices. The main thrust of the presentation was to emphasize the role of the TSP and its working relationship with the Directives Program. Topics included the role and importance of technical standards within DOE, the reasons for using technical standards in the Federal government, and the purpose of the Department's TSP.

As mentioned in the June 2008 edition of *"The Standards Forum and Standards Actions,"* TSP RevCom has a new module intended to make the loading of complex draft standards much easier. I am happy to report that the module is living up to our expectations. The TSP makes modifications to TSP RevCom as needed. Many of these changes are the result of customer feedback. Thanks to all of you for your input.



Jeff Feit

Over the course of the past year the TSP has been investigating options for non-government standards access. Based on the results of the investigation, the Office of Nuclear Safety Policy and Assistance (HS-21) recently purchased a subscription to the Information Handling Services (IHS) online database. It is now available for use through the TSP, and it will soon become available for use by Headquarters Technical Standards Managers (TSMs). TSP staff are preparing an HSS Information Notice that addresses the application of this new standards access tool. If you have any questions regarding the IHS standards access database, please contact me at 301-903-0471.

The Articles

Our first article is entitled *"Quarterly Standards Activity Summary Report,"* by Calvin Hopper at Oak Ridge National Laboratory. This is the second installment in a series of reports highlighting domestic nuclear safety standards development activities, that may be relevant to DOE operations.

The second article is entitled *"Plain Talk for a New Generation: Money Under the Mattress,"* written by ASTM International President, James A. Thomas. Standards help corporations keep in step with customer needs and with regulatory requirements. Many corporations invest heavily in the standards development process because they understand the significance of standards to their businesses.

The third article is a listing of various American National Standards Institute (ANSI) standards panels related to the development of consensus standards in various fields such as biofuels and homeland security. Please feel free to link to any of the panels that you find interesting.

Finally, I would like to thank Carl Klee from the Office of Nuclear Energy for his contribution to the Technical Standards Manager Spotlight. Please take the time to read about one of our valued members of the TSP community.

That's it for this edition of the Standards Forum and Standards Actions. □

DOE Technical Standards Program Activities Summary

Technical Standards Activities Summary as of November 25, 2008

Document Status	Description of Status	Number of Documents
In Conversion	Conversion of a DOE technical standard to a national consensus standard is a beneficial process that provides exposure for that document to other public and private sector interests. When a DOE standard is converted, a voluntary-consensus, non-DOE standards developing organization assumes responsibility for it. DOE has no further responsibility for the maintenance of the standard when this occurs.	4
In Preparation	Includes draft DOE technical standards being developed, but not yet out for review and comment.	23
Out for Comment	Includes draft DOE technical standards that have been posted for review and comment in the Technical Standards Program (TSP) RevCom system.	29
Published in November	Includes DOE technical standards that have completed the TSP review/comment and approval process. These approved standards are posted on the TSP webpage for use.	1

Five Year Review Status

Document Status	Description of Status	Proposed/In Progress
Revision	A revision occurs when a DOE technical standard requires technical changes or editorial changes in excess of 25% of its content.	4/3
Reaffirmation	A reaffirmation occurs when making no changes to a DOE technical standard at its 5-year review.	1/19
Cancellations	Cancellation occurs when a DOE technical standard no longer serves a purpose to DOE as determined by the Office of Primary Interest (OPI) and subsequent TSP RevCom review.	6/0

Quarterly Standards Activity Summary Report

By Calvin Hopper, Oak Ridge National Laboratory, TN

This report provides a detailed listing of domestic nuclear safety standards development activities. Highlights of international standards activities are also provided. Standards that could have current or immediate potential interests to DOE regarding nuclear facility safety are provided in this report. Persons wishing to monitor standards activities on a more frequent basis should go to the "[ANSI Standards Action](#)" weekly publication. The summary below is parsed from information in the ANSI web site and the author's knowledge from direct participation in the American Nuclear Society and the U.S. ANSI Nuclear Technical Advisory Group for ISO Technical Committee 85, *Nuclear Energy*, Subcommittee 5, *Nuclear Fuel Technology*, Standards Development.

American Nuclear Society (ANS) Standards Activities

Project Initiation Notification System (PINS) for Proposed ANS Standards

Before work on a draft can begin, a Project Initiation Notification System (PINS) form must be approved and submitted to ANSI. The following projects have completed a PINS form and are in approval process:

- ANS-2.6-200x, "Guidelines for Estimating Present and Forecasting Future Population Distributions Surrounding Power Reactor Sites" (**new standard**);

- ANS-2.25-200x, "Surveys of Ecology Needed to License Nuclear Facilities" (**revision** of withdrawn standard ANSI/ANS-2.25-1982; R1989; W1999);
- ANS-8.25-200x, "Development of Nuclear Criticality Safety Related Postings" (**new standard**);
- ANS-15.21-200x, "Format and Content for Safety Analysis Reports for Research Reactors" (**revision** of ANSI/ANS-15.21-1996; R2006)
- ANS-29.1-200x, "Operational Reactivity Management and Oversight at Light Water, Pressurized Water Power Reactors" (**new standard**); and
- ANS-40.21-200x, "Siting, Construction and Operation of Commercial Low Level Radioactive Waste Burial Grounds" (**new standard**).

Draft Standards In Development

The following projects have approved PINS forms and are in development:

- ANS-2.3-200x, "Determining Tornado and Other Extreme Wind Characteristics at Nuclear Facility Sites" (**revision** of withdrawn standard ANSI/ANS-2.3-1983; W1993);
- ANS-2.9-200x, "Evaluation of Ground Water Supply for Nuclear Facilities" (**revision** of withdrawn standard ANSI/ANS-2.9-1980; R1989; W2000);
- ANS-2.15-200x, "Criteria for Modeling and Calculating Atmospheric Transport of Routine Releases from Nuclear Facilities" (**new standard**);
- ANS-2.16-200x, "Criteria for Modeling Design-Basis Accidental Releases from Nuclear Facilities" (**new standard**);
- ANS-2.17-200x, "Evaluation of Radionuclide Transport in Ground Water for Nuclear Facilities" (**revision** of withdrawn standard ANSI/ANS-2.17-1980; R1989; W2000);
- ANS-2.21-200x, "Criteria for Assessing Atmospheric Effects on the Ultimate Heat Sink" (**new standard**);
- ANS-2.22-200x, "Environmental Radiological Monitoring at Nuclear Facilities" (**new standard**);
- ANS-2.30-200x, "Assessing Capability for Surface Faulting at Nuclear Facilities" (**new standard**);
- ANS-3.8.10-200x, "Criteria for Modeling Real-Time Accidental Releases at Nuclear Facilities" (**new standard**);
- ANS-3.12.3-200x, "Decommissioning of Nuclear Production and Utilization Facilities: Operator Training" (**new standard**);
- ANS-5.1-200x, "Decay Heat Power in Light Water Reactors" (**revision** of ANSI/ANS-5.1-2005);
- ANS-5.4-200x, "Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel" (**revision** of withdrawn standard ANSI/ANS-5.4-1982; W1993);
- ANS-6.1.2-200x, "Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants" (**revision** of ANSI/ANS-6.1.2-1999);
- ANS-8.1-200x, "Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors" (**revision** of ANSI/ANS-8.1-1998; R2007);
- ANS-8.10-200x, "Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement" (**revision** of ANSI/ANS-8.10-1983; R2005);

- ANS-8.12-200x, "Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors" (**revision** of ANSI/ANS-8.12-1987; R1993; R2002);
- ANS-8.15-200x, "Nuclear Criticality Control of Special Actinide Elements" (**revision** of ANSI/ANS-8.15-1981; R2005);
- ANS-8.19-200x, "Administrative Practices for Nuclear Criticality Safety" (**revision** of ANSI/ANS-8.19-2005);
- ANS-8.21-200x, "Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors" (**revision** of ANSI/ANS-8.21-1995; R2001 and consolidation and **revision** of ANSI/ANS-8.5-1996; R2002; R2007);
- ANS-10.7-200x, "Non-Real Time, High Integrity Software for the Nuclear Industry" (**new standard**);
- ANS-15.2-200x, "Quality Control for Plate-Type Uranium-Aluminum Fuel Elements" (**revision** of ANSI/ANS-15.2-1999);
- ANS-15.8-200x, "Quality Assurance Program Requirements for Research Reactors" (**revision** of ANSI/ANS-15.8-1995; R2005);
- ANS-15.10-200x, "Decommissioning of Research Reactors" (**revision** of withdrawn standard ANSI/ANS-15.10-1994; W2004);
- ANS-15.17-200x, "Fire Protection Program Criteria for Research Reactors" (**revision** of ANSI/ANS-15.17- 1981; R2000);
- ANS-18.1-200x, "Radioactive Source Term for Normal Operation of Light Water Reactors" (**revision** of ANSI/ANS-18.1-1999);
- ANS-19.1-200x, "Nuclear Data Sets for Reactor Design Calculations" (**revision** of ANSI/ANS-19.1-2002);
- ANS-19.6.1-200x, "Reload Startup Physics Tests for Pressurized Water Reactors" (**revision** of ANSI/ANS-19.6.1-2005);
- ANS-19.9-200x, "Delayed Neutron Parameters for Light Water Reactors" (**new standard**);
- ANS-19.11-200x, "Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Water Moderated Power Reactors" (**revision** of ANSI/ANS-19.11-1997; R2002);
- ANS-19.12-200x, "Nuclear Data for Isotope Production Calculations for Medical and other Applications" (**new standard**);
- ANS-53.1-200x, "Nuclear Safety Criteria for the Design of Modular Helium-Cooled Reactor Plants" (**new standard**);
- ANS-58.14-200x, "Safety and Pressure Integrity Calculation Criteria for Light Water Reactors" (**revision** of withdrawn standard ANSI/ANS-58.14-1993; W2003);
- ANS-58.16-200x, "Safety and Pressure Integrity Classification for Non-Reactor Nuclear Facilities" (**new standard**);
- ANS-58.24-200x, "Severe Accident Progression and Radiological Release (Level 2) PRA Methodology to support Nuclear Installation Applications" (**new standard**); and
- ANS-58.25-200x, "Standard for Radiological Accident Offsite Consequence Analysis (Level 3 PRA) to support Nuclear Installation Applications" (**new standard**).

The ANS and the American Society of Mechanical Engineers (ASME) jointly sponsor a Nuclear Risk Management Coordinating Committee for the purpose of continuing the development of standards that will be attained by consensus among the ANS Risk Informed Standards Committee and the ASME Committee on Nuclear Risk Management. Consensus was recently developed and will likely be published in October 2008. It will be issued as ANSI/ASME/ANS-RA-S-2008,

“Standard for Level 1/Large Early Release Frequency Probabilistic Risk Assessment for Nuclear Power Plant Applications.” Agreement has been attained for future ASME/ANS and ANS/ASME standards development on the topic of risk management issues.

There is one unanswered request for an “Interpretation” and/or “Clarification” before the ANS Standards Board (ASB). It is a request for an “Interpretation” and/or “Clarification” of ANSI/ANS-8.1-1998; R2007, “Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors” regarding the definition/meaning of the so-called “Double Contingency Principle.”

Contact Information

The ANSI/ANS standards designators (e.g., ANS-8.XX) denotes which ANSI/ANS Consensus Committee has purview for the proposal and development of a specific standard. General information about the development or purchase of standards may be obtained by contacting Ms. Patricia Schroeder, ANS Standards Administrator. Her contact information is:

Patricia Schroeder, Standards Administrator,
 American Nuclear Society, 555 North Kensington Avenue, LaGrange Park, Illinois 60526 USA.
 Tel: 708-579-8269, Fax: 708-352-6464 & E-mail: pschroeder@ans.org.

One may contact the Chair of the appropriate Consensus Committee having purview for how to propose or to participate in standards of interest (see table).

Consensus Committee	Name	Standards Designators	Chair	Phone No.	E-mail
N16	Criticality Safety	ANS-8	Calvin M. Hopper	865-576-8617	hoppercm@ornl.gov
N17	Research Reactors, Reactor Physics, Radiation Shielding, and Computational Methods	ANS-1, -5, -6, -10, -15, -19	Tawfik M. Raby	301-975-6258	raby@nist.gov
NFSC	Nuclear Facilities Standards Committee	ANS-2, -3, -5, -16, -18, -29, -40, -41, -51, -53, -56, -57, -58	Carl A. Mazzola	706-955-8804	carl.mazzola@shawgrp.com
RISC	Risk Informed Standards Committee	ANS-58	Allen Camp	505-844-5960	alcamp@sandia.gov

Other Domestic Standards Activities

- American Society of Mechanical Engineers (ASME) – Mayra Santiago, Standards Administrator (ansibox@asme.org)
 -Aside from the ASME/ANS joint standards development, none are noted.
- American Society of Safety Engineers (ASSE) – Timothy Fisher, Standards Administrator (TFisher@ASSE.Org)
 -BSR/ASSE A10.49-200x, “Control of Health Hazards in Construction and Demolition Operations” (**new standard**) establishes the minimum requirements for protecting the health of employees involved in construction and demolition operations. This standard does not cover health hazards that are due to non-work-related activities or addressed by other American National Standards. The purpose of this standard is to protect construction and demolition workers from health impairments due to exposures at work. This new standard could have relevance to decontamination and demolition of DOE nuclear facilities.

- ASTM International – Jeff Richardson, Standards Administrator (jrichard@astm.org)

-[WK19965 - Standard Test Method for Accelerated Leach Test for Diffusive Releases from Solidified Waste and a Computer Program to Model Diffusive, Fractional Leaching from Cylindrical Waste Forms](#) is a work item **revision** to the existing standard C1308-95(2001) under re-ballot. This test method measures mass transport from a cylindrical solidified waste form into water under conditions that accelerate leaching. Test parameters, such as the volume of leachant and the frequency at which the leachant is changed, have been optimized to eliminate experimental effects (for example, saturation effects that can complicate modeling of the net forward diffusion rate).

-[WK19731 - Standard Guide for General Design Considerations for Hot Cell Equipment](#) is a work item **revision** to existing standard C1533-02 under re-ballot. The purpose of this guide is to provide general guidelines for the design and operation of hot cell equipment to ensure longevity and reliability throughout the period of service.

-[WK81- New Guide for Evaluation of Materials Used in Extended Service of Interim Spent Nuclear Fuel Dry Storage Systems](#) is a new guide. It provides information on materials behavior under conditions that may be important to safety evaluations for the extended service of the renewal period. This guide is written for dry cask storage sites (DCSS) containing light water reactor (LWR) fuel that is clad in zirconium alloy material and stored in accordance with the Code of Federal Regulations (CFR), at an independent spent fuel storage installation (ISFSI). The components of an ISFSI, addressed in this document, include the commercial SNF, canister, cask, and all parts of the storage installation including the ISFSI pad. The language of this guide is based, in part, on the requirements for a dry SNF storage license that is granted by the U.S. Nuclear Regulatory Commission (NRC) for up to 20 years. Although government regulations may differ for various nations, the guidance on materials properties and behavior given here is expected to have broad applicability.

International Standards

ANSI, in conjunction with the U.S. Nuclear Technical Advisory Group (NTAG), hosted the biennial meeting of the International Organization for Standardization (ISO) Technical Committee 85, *Nuclear Energy*. ISO TC 85 subcommittees and working groups include:

Subcommittee/Working Group	Title
TC 85/WG 1	Terminology, definitions, units and symbols
TC 85/WG 3	Dosimetry for radiation processing
TC 85/SC 2	Radiation protection
TC 85/SC 5	Nuclear fuel technology
TC 85/SC 6	Reactor technology

The meeting was held June 15–20, 2008, in Orlando, Florida. Members of the U.S. NTAG (see table below) may be contacted regarding the meeting.

Position	Name	Phone	E-mail
Chair for ISO TC85	George Campbell	707-882-1640	cglen@mcn.org
Vice-Chair for ISO TC85	R. Michael Westfall	865-574-5269	westfallrm@ornl.gov
Vice-Chair for ISO TC85	Gary L. Smith	509-372-1957	Gary.L.smith@pnl.gov
Vice-Chair for ISO TC85	A. (Al) N. Tschaeché	760-632-7111	xat@alum.mit.edu
Overall Advisor for ISO TC85/WG1	Burton Rothleder	301-903-3726	burton.rothleder@hq.doe.gov
Overall Advisor for ISO TC85/WG3	John Logar	856-241-8880 x118	jlogar@sterigenics.com
Overall Advisor for ISO TC85/SC2	Ken L. Swinth	509-375-1681	swinthkl@aol.com
Overall Advisor for ISO TC85/SC5	Calvin M. Hopper	865-576-8617	hoppercm@ornl.gov
Overall Advisor for ISO TC85/SC6	Wade Richards	301-975-6260	wade.richards@nist.gov

Some of the outcomes of the meetings were:

- ISO TC85/SC2 concerns regarding the U.S. cessation of californium and cesium production; thereby, impacting international medical, industrial, and radiation calibration uses;
- The reorganization of ISO TC85/SC5 to align work products with current decontamination, demolition, and nuclear waste operations; and
- The significant expansion of the new work item proposals for working groups with ISO TC85/SC6.

For any questions in this regard, Calvin Hopper can be reached by phone: 865-576-8617 and e-mail:

hoppercm@ornl.gov. □

Plain Talk for a New Generation: Money Under the Mattress

By James A. Thomas, President, ASTM International

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Money under the mattress. That's what standards are that are not called into action. Marvels of technical achievement, standards are still no more than keepsakes until they are put into use. Standards are not supposed to be keepsakes. They are investments. Instruments of competition and movement.

Around the world, ASTM International standards are perceived and used as investments and instruments. Developing countries – 54 of them at this writing – are making ASTM standards part of their regulatory requirements and commercial policies through the ASTM memorandum of understanding program. Their governments are making ASTM standards the criteria on which they will admit products into the market, build infrastructures, and further economies. To corporations who use ASTM standards strategically, these economies represent suppliers and assemblers, labor forces and customers — they are a perfect match.



So our approach has been to introduce ASTM International standards into these markets, train experts in their use, and stimulate development, connections and trade. All of this is happening.

These countries are not the only places where ASTM standards refocus economies. People and organizations everywhere in the world use ASTM International standards: manufacturers, laboratories, governments, importers, exporters, inspection agencies, hospitals, and utilities. ASTM standards are moving forces everywhere. Why, then — if they are legally permitted — would anybody not use them, and instead put them under the mattress?

It's hard to believe, but true, that in this day of technological enchantment, in an age where so many use electronic devices routinely, where people travel in the air and in space, where medical devices can literally make hearts beat, standards — which make all of this possible — are not part of the collective consciousness. Ask the man or woman on the street how standards affect their lives. Chances are they don't know. They don't have to, because standards are doing their job.

But corporations do have to know. It is their business to know what makes their products tick, what their customers want, what their regulators require, what their competitors are doing, how to surmount market barriers. It is their business to know what is under the surface of success. In fact, corporations worldwide send their best people to ASTM International to develop the world's best standards. They invest in the ASTM process and in standardization, and that's a great business decision.

But, incredibly, some companies stop at that point, content to use the standards they've invested in only locally or in a limited way. While no corporate officer would consciously put a company's financial assets under a mattress, some corporations seem unaware of the commercial power of the very standards they helped develop. They stop at the brink of the great breakthrough.

As standards developers, our challenge is to change the consciousness of corporations that still do not see standardization as an investment in expansion, as part of a broad global corporate strategy. Perhaps all they really need to do is to take a good look at the corporations that get it, that have broken through the barriers and are already successful in new markets as well as at home. Take a good look at the competition — and take that money out from under the mattress. □

American National Standards Institute (ANSI) Standards Panels

The ANSI Standards Panels website

(http://ansi.org/standards_activities/standards_boards_panels/overview.aspx?menuid=3)

provides updates on various panels related to development of consensus standards in various fields such as energy, personal security, homeland security, nanotechnology and chemical safety.

The capsule information presented below regarding each standards panel is hyperlinked to more details:

ANSI Biofuels Standards Coordination Panel (BSP)

The BSP is a cross-sector coordinating body established to promote the development and compatibility of voluntary consensus standards and conformity assessment programs necessary to support the large-scale commoditization of biofuels.

ID Theft Prevention and ID Management Standards Panel (IDSP)

The IDSP is a cross-sector coordinating body whose objective is to facilitate the timely development, promulgation and use of voluntary consensus standards and guidelines that will equip and assist the private sector, government, and consumers in minimizing the scope and scale of identity theft and fraud.

Healthcare Information Technology Standards Panel (HITSP)

The HITSP will assist in achieving widely accepted and readily-implemented consensus-based standards that will enable and support widespread interoperability among healthcare information technology, especially as they would interact in a Nationwide Health Information Network (NHIN) for the United States.

ANSI Homeland Security Standards Panel (HSSP)

The mission of the HSSP is to identify existing consensus standards, or, if none exists, assist the Department of Homeland Security (DHS) and those sectors requesting assistance to accelerate development and adoption of consensus standards critical to homeland security.

ANSI Nanotechnology Standards Panel (NSP)

The NSP serves as the cross-sector coordinating body for the purposes of developing standards in the area of nanotechnology including, but not limited to: nomenclature/terminology; materials properties; and testing, measurement and characterization procedures.

ANSI-NAM Network on Chemical Regulation

The ANSI-NAM Network on Chemical Regulation (Network) is an issue-driven forum established to enable U.S. manufacturers and other stakeholders to speak with one voice when addressing domestic, regional, foreign, and global chemical regulations. □

Technical Standards Manager Spotlight

Carl R. Klee, Nuclear Engineer, Office of Nuclear Energy, DOE Germantown, MD

Carl R. Klee is a nuclear engineer in the Office of Nuclear Energy. He is the Headquarters program manager responsible for safeguards and security at Idaho National Laboratory.

Carl joined DOE in 1989, working in the Office of Energy Research (now Office of Science) as a program manager for DOE's research reactors. When he first arrived, the two major facilities - the High Flux Beam Reactor at Brookhaven and High Flux Isotope Reactor at Oak Ridge - were in prolonged safety shutdowns. Carl worked to support the restart of both reactors, as well as managing the operation of other Category B reactors. During this time, he also served on the Quality Assurance (10 CFR 830, Subpart A) implementation task force. In the late 1990's, he served three years in the Office of Independent Oversight within the predecessor organization to HSS.

Before joining DOE, Carl worked for Bechtel Power Corporation for nine years where he was responsible for nuclear engineering and licensing aspects of commercial nuclear power plant design. Prior to working at Bechtel, he served as a naval officer in the U.S. Navy's nuclear power program and was on the commissioning crew of the USS Dwight D. Eisenhower (CVN 69). Carl continued serving in the Navy Reserve and retired as a Captain in 2005.

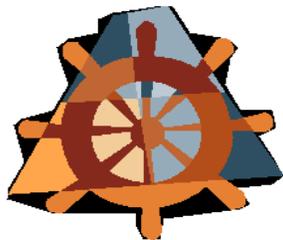
Carl graduated from the U.S. Naval Academy in 1975 and received a Master of Science degree in Nuclear Engineering from the University of Maryland in 1986.

He is a registered Professional Engineer and a member of the American Nuclear Society.

Carl can be contacted at 301-903-2964 or at carl.klee@nuclear.energy.gov. □



Carl R. Klee



Welcome Aboard the TSMC!

By M. Norman Schwartz, Office of Nuclear Safety Policy & Assistance (HS-21)

The Technical Standards Managers (TSMs) are the backbone of the DOE Technical Standards Program! These knowledgeable individuals serve as their organization's standards point of contact and contribute to the coordination of Department-wide TSP activities. A great deal of their work time is spent in assuring that standards activities take place in a manner that will promote safe, economical, and efficient operations locally and across the DOE complex. TSMs share their ideas for TSP improvements and discuss lessons learned through monthly Technical Standards Managers Committee (TSMC) conference calls. With nearly 90 active and mobile people involved in TSM activities, it can be a daunting task just to keep up with the retirements and reassignments affecting the TSM roster. This Welcome Aboard feature is designed to introduce you to the new TSMs and help you keep abreast of the rapidly changing make-up of the TSMC. A complete list of TSMs can be found at <http://www.hss.energy.gov/nuclearsafety/techstds/contact/stdmgrs.html>.

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STANDARDS ACTIONS

1.0 DOE STANDARDS ACTIONS

The Department of Energy (DOE) Technical Standards Program (TSP) publishes Standards Actions information on a monthly basis to provide DOE Headquarters and field elements with current information on DOE and select non-government standards activities.

The complete list of all DOE Technical Standards projects and their status is available on the Technical Standards Program (TSP) web page at <http://www.hss.energy.gov/nuclearsafety/techstds/>. To access these standards, go to our web page, click on "DOE Technical Standards," then choose Projects, Approved Standards, Recently Approved Standards, or Drafts for Review, as appropriate, on the left frame of the page.

1.1 New Projects and DOE Technical Standards in Revision

The following entries were received in November 2008:

- "Department of Energy Safety System Oversight Program," SAFT-0126, August 1, 2008; Point of Contact: Earl C. Hughes, Phone: 202-586-0065;
- "Criticality Safety Functional Area Qualification Standard," DOE-STD-1173-YR (2003), TRNG-0066, September 16, 2008; Point of Contact: Jerry Hicks, Phone: 505-845-6287; and
- "Department of Energy Laboratory Accreditation for Personnel Dosimetry," SAFT-0127, DOE-STD-1095-95, October 31, 2008, Point of Contact: Steve Zobel, Phone: 301-903-2615.

1.2 DOE Technical Standards Posted in RevCom for TSP

Your Technical Standards Manager (TSM) will initiate requests for specific reviewers to comment on these drafts. The list of TSMs can be found at <http://www.hss.energy.gov/nuclearsafety/techstds/contact/stdmgrs.html>. The full text of these documents are available for comment at RevCom for TSP (<http://standards.doe.gov/login.jsp>) accessed from the TSP website.

The following entries were received in November 2008:

- "Guide of Good Practices for Occupational Radiological Protection in Plutonium Facilities," DOE-STD-1128-98, (Ch2, December 2006), SAFT-0120, August 26, 2008; Point of Contact: Peter O'Connell, Phone: 301-903-5641 (Previously to be made inactive);
- "NNSA Package Certification Engineer Functional Area Qualification Standard," TRNG-0065, September 16, 2008; Point of Contact: Glen C. Ellenwood, Phone: 505-845-5986; and

- "Requesting and Granting Exemptions to Nuclear Safety Rules," SAFT-0079, DOE-STD-1083-YR, (superseding DOE-STD-1083-95), November 18, 2008, Point of Contact: Mary F. Haughey, Phone: 301-903-2867.

1.3 DOE Technical Standards in Reaffirmation

No entries were received in November 2008.

1.4 DOE Technical Standards Change Notices

No entries were received in November 2008.

1.5 DOE Technical Standards Published

The following entries were received in November 2008:

- "Temporary Emergency Exposure Limits: Methods and Practice," DOE-HDBK-1046-2008, August 25, 2008;
- "Radiological Assessor Training," DOE-HDBK-1141-2008, August 25, 2008;
- "Safety Devices and Other Features of Remotely-Operated Weapons Systems (ROWS)," DOE-STD-1047-2008, September 4, 2008; and
- "Radiological Control" (Including Change Notice 2; April 2005), DOE-HDBK-1098-99, November 19, 2008.

2.0 NON-GOVERNMENT STANDARDS ACTIONS

2.1 American National Standards Institute

American National Standards Institute (ANSI) publishes coordination activities of non-Government standards (NGS) weekly in ANSI Standards Action. Recent electronic copies are available on the ANSI Web Site at http://www.ansi.org/news_publications/periodicals/standards_action/standards_action.aspx?menuid=7. Refer to ANSI Standards Action for the complete list of changes and new publications, standards developing organizations, and information about submitting comments. Electronic delivery of selected documents is available through ANSI at <http://webstore.ansi.org/default.aspx>.

ANSI also lists standards actions on new and revised American National Standards and International Standards Organization (ISO) Standards.

2.2 American Society of Mechanical Engineers (ASME)

ASME lists recently published standards on the ASME web site at <http://catalog.asme.org/home.cfm?Category=CS>. Refer to the ASME web site for the complete list of changes and new publications, standards developing organizations, and information about submitting comments.

ASME maintains monthly updates of drafted new standards as well as revised drafts of current standards to meet new requirements at <http://cstools.asme.org/cconnect/PublicReviewpage.cfm>. A respective "Comment Period End Date" follows each listed document.

2.3 ASTM International

The listing of approved ASTM Standards Actions during August through October 2008 is made available through a new "RSS News Feed" feature started by ASTM in January 2008. You can access this feature by clicking on the "RSS" button on the ASTM web site <http://www.astm.org/>.

2.4 American Nuclear Society (ANS)

The ANS "What's New" web page at <http://www.ans.org/standards/new/> lists recently initiated projects, as well as ANS standards approved in recent years.

2.5 National Fire Protection Association (NFPA)

The August 2008, September/October 2008, and November 2008 NFPA News list NFPA standards available for comment, newly proposed standards, newly issued standards, and the call for members on committees. View these editions at http://www.nfpa.org/assets/files/PDF/NFPA%20News/nfp_aNews0808.pdf, http://www.nfpa.org/assets/files/PDF/NFPA%20News/NFPA_NewsSeptOct2008.pdf, and http://www.nfpa.org/assets/files/PDF/NFPA%20News/nfp_aNews1108.pdf. □



THE STANDARDS FORUM & STANDARDS ACTIONS

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Standards Actions and *The Standards Forum and Standards Actions* are electronic newsletters available on the TSP web site

(<http://www.hss.energy.gov/nuclearsafety/techstds/>). To update your mailing list and/or e-mail addresses, please e-mail us at

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