A Call for A National Standards Strategy


Washington, D.C., September 24, 1998 - The U.S. economy will suffer unless American companies, standards-developing organizations and government agencies join together to realize a more coherent and effective standards strategy, participants at a U.S. "standards summit" agreed yesterday.

More than 300 representatives from U.S. companies, trade and professional associations involved with developing and implementing standards, and federal agencies took steps toward achieving that strategy in the first major U.S. conference addressing those needs. Held in Washington, D.C., as part of World Standards Day activities, the conference was co-sponsored by the Commerce Department's National Institute of Standards and Technology (NIST) and the American National Standards Institute (ANSI).

Commerce Deputy Secretary Robert L. Mallett told conference attendees, "Today, the United States is the world's most prolific exporter, strongest competitor and best innovator. Yet, we are jeopardizing our leadership position...by not paying full attention to the important details of international trade: measurements, standards and laboratory accreditation."

Mallett challenged the private sector to develop an effective approach under ANSI leadership "to level the international playing field for American businesses." He also stressed the need to strengthen technical assistance programs to advance international standards development and enhance U.S.-foreign technical cooperation. There was broad agreement about the urgency of the situation and the need to improve public-private sector cooperation on standards policy.

Dana Mead, chairman and chief executive officer of Tenneco and 1998 World Standards Day Chair, picked up on a common theme heard throughout the summit about the unfair advantage that many participants claimed were available to European standards. Mead warned participants, "If we can’t bring down (Continued on Page 13)

Fourth Integrated Safety Management Lessons Learned Workshop

On October 20-22, 1998, the Fourth Integrated Safety Management Lessons Learned Workshop was held in New Orleans, Louisiana. The workshop was sponsored by the Office of Fossil Energy; the Strategic Petroleum Reserve Management Office; the Office of Environment, Safety and Health; and the Safety Management Implementation Team (SMIT). More than 400 individuals from the various DOE headquarters, field, and contractor organizations attended the workshop.

As most of you know, Integrated Safety Management (ISM) is a Department-wide initiative to systematically integrate safety into all levels of management and work practices in order to strengthen the protection of the public, the worker, and the environment. ISM is very much a "back-to-the-basics" initiative with a focus on accomplishing work safely rather than a focus on environment, safety, and health (ES&H) requirements and programs for their own sakes.

There were over 100 presentations given (in a series of parallel technical sessions) at the workshop. As you would expect, many of the presentations touched on situations involving the identification and application of appropriate technical standards and/or standardization methods. Example situations are described below.

1. One senior DOE manager noted that, in his walk-through activities related to site/facility work in progress, he focuses his questions to the technical staff and laborers on work requirements involving electrical maintenance, construction practices, crane safety, control of temporary equipment, lockouts/tagouts, work procedures, system start-up/turover, readiness reviews, configuration management activities, work documentation, quality assurance requirements, "stop work" authority, and lessons learned use.

2. A film on enhanced work planning produced by the Idaho National Engineering and Environmental Laboratory (INEEL) noted management’s commitment to "standardization."

(Continued ON Page 14)
In response to various "Recommendations" made to DOE by the Defense Nuclear Facilities Safety Board (DNFSB) over the past several years, DOE has committed to develop a number of technical standards. We have some advice for you if it is part of your responsibility to meet such a commitment.

One of the first things you should do is contact your organizational Technical Standards Manager (TSM). Your TSM can help you register the project with the TSP and establish a realistic schedule. He/she can even help you in touch with DOE subject matter experts or an existing DOE topical committee that can help you! Don't delay—if the first time your TSM hears about a specific commitment to develop a standard is just before it is due to the DNFSB, then no matter how much the TSM helps you, it will be difficult to meet your commitment!

Remember, to process a DOE technical standard, you first develop a final draft and then notify DOE's TSMs of its availability for review. We then post it for review on the DOE TSP Home Page. The TSMs further distribute the draft to organizational subject matter experts.

A 60-day comment period is required for any directive or technical standard. Next, you consolidate and resolve comments. "Essential" comments are closed out with the interested subject matter experts or an existing DOE topical committee that can help you! Don't delay—if the first time your TSM hears about a specific commitment to develop a standard is just before it is due to the DNFSB, then no matter how much the TSM helps you, it will be difficult to meet your commitment!

Additionally, in conversations with DNFSB staff, they indicate that they have never asked anyone to work outside the DOE Directives System or TSP in developing standards. As a matter of fact, the TSP itself is, to a large degree, the result of a DOE response to a DNFSB Recommendation (91-1) to improve the Department's standards management practices! As such, in situations where the development and dissemination of needed technical standards is involved, it is up to you to get an early start with your TSM to help ensure your success in meeting DOE's commitments.

— Rick Serbu
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Technical Standards Manager Spotlight

Bernie Mlynczak
Technical Standards Manager
U.S. Department of Energy
Chicago Operations Office
Argonne, Illinois

Bernie Mlynczak is a physical scientist assigned to the Safety and Technical Services Group at DOE’s Chicago Operations Office (CH). He is part of the Projects Team in this Group. Although his tenure as Chicago’s Technical Standards Manager has been relatively short, Bernie has continued CH’s tradition of providing capable and enthusiastic support to the DOE Technical Standards Program. He has recently been assigned other duties, including reviewing the disposition of high risk / dual use property for nonproliferation concerns and resolving close-out issues on several large project contracts.

Bernie earned his Bachelor’s degree in Biology from the University of Missouri in 1978. He received his Master’s of Business Administration degree from the same institution in 1986. Prior to joining the government, Bernie worked in private industry for several years in a variety of positions. For instance, he held positions as a quality control microbiologist and safety engineer with a subsidiary of McDonnell Douglas Corporation. In addition, he served as a biosafety specialist with Monsanto Company when this corporation entered the biotechnology field and there were many federal requirements for the manipulation of genetically engineered microorganisms. Bernie obtained his introduction into the complex world of federal regulation, compliance, and standards in private industry. He believes passionately that the worker and society have benefited greatly by the codification of regulations and standards in environment, safety, and health; industrial hygiene; good laboratory practices; and good manufacturing practices, to name just a few. He believes that “the good is there for man to do” if only he will do it.

One of the major reasons for obtaining a graduate degree in management was Bernie’s desire to enter a career at the interface of science and management. His work experience convinced him that the non-technical management types don’t understand and trust their technical colleagues and vice-versa. “In reality,” Bernie told The Standards Forum, “in our increasingly complex world, both types of people need each other very much.” After obtaining his graduate degree, Bernie entered federal service as a program analyst with NASA. After holding positions at both Langley Research Center and Goddard Space Flight Center, Bernie accepted a position with the Department of Energy in 1992. He worked on a variety of project management duties at the Advanced Photon Source until its completion in 1996, after which he was transferred to his current organization.

With respect to current standards activities, Bernie said, “There are a lot of changes in the way we are doing business these days, the goal being to improve the economy and efficiency of the U.S. Government. The National Technology Transfer and Advancement Act of 1995, OMB Circular A-119, and other laws, such as the Government Performance and Results Act, make

this effort abundantly clear. As a result, DOE has recently embarked upon a course of using performance-based incentives with its prime contractors.” In this dynamic environment, Bernie believes that the need for good communication and understanding between our non-technical managers, contracting officials, and the technical staff needs to be better now than ever before.

Bernie views the Technical Standards Program as an excellent way of helping to bridge the gap between policy, requirements, guidance, and standards. “Specifically, technical standards, whether they are DOE or non-Government standards, provide specific techniques and methods for implementing DOE’s requirements. Good standards can help to assure good requirements and vice-versa. This is especially true if technical standards are the foundation upon which the DOE bases its requirements hierarchy. Technical standards, if used properly, help to produce consistent results of high quality. This is especially important in the areas of worker protection and in environmental safety. ‘Technical standards provide a way to assure that ‘the good is there for man to do’ and provide management with a framework to assure that he does it.’”

Bernie laments that there is never enough time for his extra curricular interests. He enjoys travel, especially to some of the world’s more distant and isolated locations. He’s been to such diverse locations as the Galapagos Islands, the Ecuadorian Rainforest, Australia’s Outback, and Africa’s Serengeti Plains. He is interested in the relationship of local cultures to their environment, especially how they are affected by the rapid development of the world’s economies. He has dabbled in such pastimes as scuba diving, hiking, speleology, backpacking, sailing, canoeing, and mountaineering. He is an avid reader and is drawn to works on history, philosophy, exploration, religion, and ethics. His reading habits are greatly facilitated by the length and severity of the winters in Chicago. Recently, he has developed an interest in aviculture, and has joined several organizations dedicated to the captive propagation of non-endemic avian species. He believes that fishing should be a way of life, but alas, there is never enough time to adequately pursue this belief.
Topical Committee Developments

Rick Serbu, DOE Technical Standards Program (TSP) Manager, recently made presentations on the benefits of a topical committee before the Plutonium Standards Group (DNFSB 94-1 Task Group) and the ASTM C26 Spent Fuels Subcommittee. Charles O'Dell, EM-66, 202-586-8672, has requested a charter writing kit for the Plutonium Working Group Topical Committee. This group will be undertaking a major rewrite of DOE-STD-3013-96, *Criteria for Preparing and Packaging Plutonium Metals and Oxides for Long-Term Storage.*

Other interim topical committees are completing the chartering process. This includes the Performance Based Management Special Interest Group (PBM-SIG) represented by Will Artley, Oak Ridge Institute for Science and Education (ORISE). ORISE is a TRADE SIG and has its home page hot-linked to the TSP Home Page. The other interim topical committee is the Explosive Safety Committee. Rick Serbu and Norm Schwartz made brief presentations on October 28, 1998, to this group to encourage their participation as a topical committee. Gerald E. Meyers, EH-53, 301-903-3190, has been the point of contact for this group since it received interim status as a topical committee in 1997. Robert W. Barber, Office Director for EH-53, also added his voice in support of topical committee participation.

Kenneth G. Murphy, EH-53, 301-903-6514, is the point of contact for a prospective topical committee entitled the Chemical Safety Interest Group. A draft charter has been reviewed by the TSP and is out for approval by the group's membership.

Robert M. Waters, EH-53, is working with the Behavioral Safety Committee to develop a topical committee charter. Bob is also involved in the formative stages of a second topical committee, the Human Factors Topical Committee. Contact Bob at 301-903-5755 if you are interested in either group.

The Metrology Topical Committee is holding its next meeting at DOE/ENV on March 24-25, 1999. The U.S. Department of Defense is interested in participating with the topical committee. This may be the first of what the TSP hopes will be several instances of topical committee participation from outside the DOE. In metrology, the science of measurements (primarily standards and calibration), non-DOE membership should broaden the scope of the Committee and strengthen its technical focus and relevancy.

If you are a member of a DOE working group or technical group that represents a technical or functional interest and would like your organization to be recognized across the DOE complex as a TSP topical committee, contact M. Norman Schwartz, 301-903-2996, Norm.Schwartz@eh.doe.gov, or Richard Serbu, 301-903-2856, Richard.Serbu@eh.doe.gov. You will have the opportunity to share ideas with like-minded scientists and engineers within the Department and get more involved in standards work.

Quality Assurance (QA) Topical Committee Plays an Active Role in the TSP

The Quality and Safety Management Special Interest Group (QSM SIG) was the first of three Training Resources and Data Exchange special interest groups (TRADE SIGs) to become chartered as DOE Technical Standards Program Topical Committees. The other two are the Occurrence Reporting and Industrial Hygiene/Occupational Safety (OR SIG and IH/OS SIG, respectively).

The DOE Technical Standards Program Manager, Richard Serbu, signed the QSM SIG topical committee charter in June 1997. The charter requires the QA Topical Committee “to provide a forum for, and to facilitate the interaction between, DOE and DOE contractor personnel with a common interest in identifying and resolving standards-related issues for the DOE Technical Standards Program Office.” The Committee’s mission is “to develop, improve, and provide quality management materials and implementation information for the DOE community.”

In FY97, the QA Topical Committee reviewed eleven standards or portions of standards. In FY98, they reviewed another nine, and the committee has already reviewed two this fiscal year. All of these national or international standards are important to their facilities’ responsibilities for quality assurance.

The Committee also assists Gustave (Bud) Danielson, DOE/EH-31, with his responsibilities in standards committees and networks where he represents DOE. Bud reports that "Having the Committee to consult on the impacts of changes in standards or of new standards gives me the broad perspective that no single individual could have…The Topical Committee also allows me to project a strong and authoritative voice for DOE that is essential to having an impact on the national/international standards consensus process.”

— Bud Danielson, QSM SIG

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Margy Beckmeyer (Westinghouse Savannah River Company), Chairman of the QSM SIG Steering Committee, stating from a contractor’s perspective, “the QA Topical Committee provides a mechanism for standards-related implementation issues to be identified, understood, and resolved early in the process. The broad representation of DOE and DOE contractor personnel on the Committee is a plus to understanding and possibly minimizing the impact of changes on the many businesses across the complex. The Committee is a very important tool for communicating what is happening in the standards world.”

(Continued on Page 5)
Topical Committees (Continued from Page 4)

New DOE Accreditation Committee Targets Issues & Resolutions at First Annual Meeting

By: Don Ragland, Sandia National Laboratories-Albuquerque (SNLA)

The first annual meeting of the DOE Topical Committee on Laboratory Accreditation (Committee) was held at NIST, Gaithersburg, Maryland on September 23-24, 1998. The Committee, whose general aim is to educate and enhance awareness of DOE laboratory accreditation issues, formed three working groups to address specific DOE accreditation issues that it identified at the meeting.

The "COMMUNICATIONS" Working Group (WG) has established as its immediate goal the formation of a DOE Internet site on Accreditation. The WG selected its chairperson, Rick Blanq (DOE/RL), to be Webmaster. Initially, the site will contain a Membership Roster and a matrix for Accreditation Points of Contact across the DOE complex. The WG plans to expand and refine the site over time.

The WG on "ACCREDITATION ISSUES WITHIN DOE" chose to focus the next year on developing a strategic plan for coordination of DOE accreditation issues. To that end, the WG, chaired by Ken Harrison (PNNL), plans to conduct a survey that will establish a baseline of all the accreditations that DOE facilities, laboratories, contractors, etc., must have in order to perform work within the DOE complex.

"INTERFACING WITH ACCREDITATION ACTIVITIES EXTERNAL TO DOE" is the drive of the third WG for the Committee. In its first thrust, the Group is developing a plan for interaction with the National Cooperation for Laboratory Accreditation (NACLA). Dick Pettit (SNLA) chairs the WG. Pettit is also the DOE representative to NACLA.

Sponsored by the Technical Standards Program Office, the Committee intends to institute a coordinated accreditation program for DOE by providing a network for sharing information and resources and encouraging high-quality, cost-effective accreditation services for DOE programs. Membership in this Committee is open to all DOE personnel and DOE contractors involved with accreditation.

For more information, interested persons should contact: Gary LaBruyere (INEEL), 208-526-5081, xag@ine1.gov. This article is also available for viewing on the TSP Internet site: http://apollo.osti.gov/html/techstds/genframe.html.

DOE Fire Safety Committee Meeting in New Orleans

By: Dennis Kubicki, Chair, Fire Protection Topical Committee (301-903-4794)

The Department of Energy Fire Safety Committee will convene its Fall Meeting in New Orleans on December 8 and 9, 1998. This will be a combined session with the DOE Fire Chief's Subcommittee and the "Savings Through Sharing" Working Group. The purpose of the meeting is to exchange fire safety and emergency services technical information and to ascertain the need for Committee initiatives in 1999. This follows the issuance of the Accident Investigation Report on the recent fatality at the Idaho National Engineering and Environmental Laboratory in which there was a "Judgement of Need" to "consider" new guidance relating to the design, installation, testing and maintenance of carbon dioxide fire suppression systems. Additional topics include: the need for direction regarding the replacement of potentially defective sprinkler heads, radiation training for fire fighters, maintenance of lightning protection systems, safety requirements for medical personnel who respond with the fire department to emergencies (fire), water collection/containment questions, OSHA safety requirements for fire fighters, and other issues.

Third Annual DOE Metrology Committee Meeting Coming in March 1999

By: Don Ragland, Sandia National Laboratories-Albuquerque (SNLA)

The third annual meeting of the DOE Metrology Committee (Committee) will be hosted by DOE/Nevada Operations at its new facility in Las Vegas, Nevada, on March 24-25, 1999.

During the 1998 meeting at PNNL, the Committee identified as its principal task for 1998/99 the recommendation to DOE that it adopt ISO Guide 25 and Z-540 as the minimum, common set of guidelines for DOE facilities. ISO Guide 25 forms the basis for the draft standard DIS 17025. At the request of the National Institute of Standards and Technology (NIST), the Committee reviewed DIS 17025, "General Requirements for the Competence of Testing and Calibration Laboratories," and forwarded its comments back to NIST for consideration. Jim Bowman (LMES) will report on that activity and the status of DIS 17025 at the meeting.

In May 1998, the Metrology Working Group (WG) on RESOURCES launched the Committee's Internet site, as part of the DOE Technical Standards Program Office Internet directory. The new site is a repository for DOE metrology information, including a DOE metrology committee membership database, a DOE Metrology Resources and Capabilities matrix, official minutes of Committee meetings, and more. The WG continues to update the site on a regular basis. Visitors to the site can register for the 1999 meeting at DOE/NV. [Point your browser to http://apollo.osti.gov/html/techstds/techstds.html. Then click on "Topical Committees" under the main heading of "Technical Standards Program Overview."] For further information, Email Don Ragland, dragla@sandia.gov.

The COMMUNICATIONS WG, chaired by Ken Jensen (Allied Signal/FM&T), is charged with publishing and making public current DOE metrology information. Currently in draft stages are two white papers: Outsourcing vs. In-House Calibration," and "Charge-back vs. Overhead Funding". At the 1999 meeting, the Committee plans to consider approving the final form of these two publications. For more information, Email kjensen@kcp.com.

(Continued on Page 6)
The Biota Dose Assessment Committee: Providing a Major Forum and Technical Resource for DOE

By: Steve Domotor, Chair, Biota Dose Assessment Committee (202-586-0871; Stephen.Domotor@eh.doe.gov)

The Biota Dose Assessment Committee (BDAC) is providing a major forum for exchanging information on biota dose evaluation issues and approaches and is proving to be a valuable resource in the development of a new DOE technical standard, “A Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota.” (Project Number ENVR-0011). The BDAC is one of the newest Topical Committees in the DOE Technical Standards Program and has gotten off to a quick start in 1998. The committee was organized in February and formally established in June through an approved Charter (obtainable through the BDAC Internet Page, http://tis-nt.eh.doe.gov/oepa/bdac.html). The Air, Water and Radiation Division (EH-412) of the Office of Environmental Policy and Assistance (EH-41) sponsors and chairs the BDAC. The BDAC brings together the expertise in health physics, radioecology, environmental monitoring, and risk assessment as a resource base for DOE on biota dose assessment. The committee has representation from universities, national laboratories, M&O contractors, and DOE managers from program and operations offices.

The BDAC is currently assisting DOE in the development of a cost-effective, easy-to-implement screening methodology as part of a graded approach for evaluating doses for comparison with DOE and internationally-recommended dose limits for biota and for conducting ecological assessments of radiological impact where they are needed. The BDAC is also providing a DOE focal point for obtaining technical assistance and exchanging information on biota dose assessment issues and approaches within DOE and for keeping current on related standards activities within other Federal and international agencies.

The draft DOE technical standard is planned for distribution within BDAC for review and comment in December 1998. Once finalized, the technical standard will be available in electronic format—to include user friendly screening value tables, spreadsheets, and supporting dose parameter databases.

In the Works: A Performance-Based Management Handbook

By: Will Artley, Coordinator, Performance-Based Management Special Interest Group (PBM SIG), 901-373-7493, artleyw@orau.gov

All high-performance organizations—whether public or private—are and must be interested in developing and deploying effective performance measurement and performance management systems, since it is only through such systems that they can remain high-performance organizations. When President Clinton signed the Government Performance and Results Act of 1993 (GPRA) into law, this commitment to continuous improvement was institutionalized for the executive branch of our government. Federal agencies were required to develop strategic plans for how they would deliver high-quality products and services to the American people. Under GPRA, strategic plans are the starting point for each federal agency to (1) establish top-level agency goals and objectives as well as annual program goals; (2) define how it intends to achieve those goals; and (3) demonstrate how it will measure agency and program performance in achieving those goals.

Implementing GPRA is and will be a difficult task. However, the Performance-Based Management Special Interest Group is working diligently to publish a useful resource to assist in effectively and efficiently implementing the Act. Appropriately titled, The Performance-Based Management Handbook, A Six-Volume Compilation of Techniques and Tools for Implementing the Government Performance and Results Act of 1993 borrows from the performance measurement framework devised by the National Performance Review (NPR) and offers the following topical areas:

1. Establishing and Maintaining a Performance-Based Management Program
2. Establishing and Updating Performance Objectives and Measures
3. Establishing Accountability for Performance
4. Collecting Data to Assess Performance
5. Analyzing and Reviewing Performance Data
6. Utilizing Performance Information

Drafts of these volumes can be found on the PBM SIG home page (http://www.orau.gov/pbm). Final publication is expected for early CY 1999. A limited number of hard copies will be available.
DOE Technical Standards Projects Initiated

The following DOE technical standard project was recently initiated. If you have any questions or are interested in participating in the development of this standard, please contact the persons listed below.


DOE Technical Standards Recently Sent for Coordination

The appropriate Technical Standards Managers (TSMs) will provide selected reviewers with copies for comment. The full text of this document is available on the Technical Standards Program (TSP) Home Page at the following URL: http://apollo.osti.gov/html/techstds/techstds.html. If you wish to comment on this document, please notify your TSM.


DOE Documents Recently Published

The following DOE technical standard has recently been published:


Copies of DOE technical standards (i.e., DOE Standards, Specifications, Handbooks, and Technical Standards Lists) are also available on the TSP Internet Site at the following URL: http://apollo.osti.gov/html/techstds/techstds.html. The following document was recently added:


Non-Government Standards

American National Standards Institute

The American National Standards Institute (ANSI) publishes coordination activities of non-Government standards (NGS) biweekly in ANSI Standards Action. Please note that distribution of ANSI Standards Action is normally made only to individual members of ANSI or in group mailings to site members of ANSI. For information on site membership, ask your local ANSI contact. For information on individual or group ANSI membership, call Susan Bose at 212-642-4948, Email sbose@ansi.org. For further information on distribution policies of ANSI publications, call the ANSI distribution manager at 212-642-4952.

Copies of ANSI Standards Action and ANSI-published documents may be obtained from ANSI, 11 West 42nd Street, New York, NY 10036 (212-642-4900, FAX 212-302-1286). Comments on listed draft standards may be submitted by contacting the standards developing organization for information.

The following listings are extracted from ANSI Standards Action and are representative of NGS development activities that may be relevant to DOE operations. Refer to ANSI Standards Action for a complete listing of changes and new publications, standards developing organizations, and additional information about submitting comments. Additional information on ANSI activities and available non-Government standards can be found on the ANSI Internet site (http://www.ansi.org) or through the National Standards System Network (http://www.nssn.org).

(Continued on Page 8)
The following American National Standards are currently in coordination: (comment due dates follow each entry)

- **A10.34**, Protection of the Public on and Adjacent to Construction Sites (new standard); January 19, 1999.
- **ASTM D4418**, Receipt, Storage, and Handling of Gas Turbine, Practice for (new standard); January 5, 1999.
- **ASTM D6300**, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (new standard); January 5, 1999.
- **ASTM E2784Z**, Practice for Ultrasonic Examination of Wrought Products (new standard); January 19, 1999.

The following international standards are currently in coordination: (comment due dates follow each entry):


(Continued on Page 9)
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Standards Actions (Continued from Page 8)

- prEN 12464, Lighting applications - Lighting of work places - January 5, 1999.
- prEN 13371, Cryogenic vessels - Couplings for cryogenic service - March 1, 1999.

The following newly published international standards are available from ANSI:

- ISO 9241-5:1998, Ergonomic requirements for office work with visual display terminals (VDTs) - Part 5: Workstation layout and postural requirements.

- ISO 13994:1998, Clothing for protection against liquid chemicals - Determination of the resistance of protective clothing materials to penetration by liquids under pressure.

American Society for Testing and Materials

Standards activities of the American Society for Testing and Materials (ASTM) are published monthly in ASTM Standardization News. Orders for subscriptions or single copies of ASTM Standardization News may be submitted to ASTM, Subscription Dept.-SN, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959. For information regarding ASTM membership, contact the Membership Services Department at 610-832-9691 (FAX 610-832-9677). ASTM publications may be ordered from the ASTM Customer Services Department at 610-832-9585 (FAX 610-832-9555). Comments on draft standards may be submitted to ASTM, Subscriptions Dept.-SN, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959. Questions may be addressed to the Technical Committee Operations Division at 610-832-9672 (FAX 610-832-9666). Additional information on ASTM activities is available on the ASTM Internet site (http://www.astm.org). The following listings are extracted from ASTM Standardization News and are representative of NGS development activities that may be relevant to DOE operations.

The following ASTM standards are currently in coordination: (the due date for all items is December 10, 1998).


(Continued on Page 10)
Standards Actions (Continued from Page 9)

- E 690-91, Practice for In-Situ Electromagnetic (Eddy-CURRENT) Examination of Nonmagnetic Heat Exchanger Tubes (revised standard).

The following newly published standards are available from ASTM:

- E 1184-98, Practice for Electrothermal (Graphite Furnace) Atomic Absorption Analysis (revised standard).

American National Standards Projects Initiated

The following is a list of proposed new American National Standards or revisions to existing American National Standards submitted to ANSI by accredited standards developers. DOE employees or contractors interested in participating in these activities should contact the appropriate standards developing organization. DOE-TSL-4 lists the DOE representatives on NGS committees. If no DOE representative is listed, contact the TSPO for information on participating in NGS activities.

Air-Conditioning & Refrigeration Institute
Office: 4301 North Fairfax Drive, Suite 425
Arlington, VA 22203-1627
FAX: 703-524-9011
Contact: Stephen Sanders, ssanderson@ari.org

ASTM
Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428
FAX: 610-832-9666
Contact: Stephen Mawn, smawn@astm.org

American Welding Society (AWS)
Office: 550 NW LeJeune Road
Miami, FL 33126
FAX: 305-443-5951
Contact: Charles Fassinger, chuck@aws.org
- AWS C5.9, Recommended Practices for Shielded Metal Arc Welding (new standard).

Nuclear Information and Records Management Association
Office: 210 Fifth Avenue
New York, NY 10010
FAX: 603-432-3024
Contact: Jane Hannum, jnirma@nirma.mv.com

Underwriters Laboratories, Inc.
Office: 1655 Scott Boulevard
Santa Clara, CA 95050
FAX: 408-556-6045
Contact: Linda Phinney-George, george@ul.com

Comments, Questions, and Addresses

Comments: If you have any questions or comments, please contact Rick Serbu, EH-31, Manager, DOE Technical Standards Program Office (TSPO), 301-903-2856, FAX 301-903-6172, Email richard.serbu@eh.doe.gov. If you have any questions or comments on DOE standards projects, please contact Don Spellman, Oak Ridge National Laboratory (ORNL), 423-574-7891, FAX 423-574-0382, Email spellmandj@ornl.gov.

Addresses: To update our distribution list, please contact Marty Marchbanks, ORNL, 423-241-3658, FAX 423-574-0382, Email mmf@ornl.gov.

Technical Standards Activities: The TSPO would like to be kept informed of the status of technical standards that are being prepared or coordinated for DOE. Please provide this information to the TSPO at 423-574-7886, Email jbc@ornl.gov.

Be an early bird!

The Standards Forum and Standards Actions are a part of the Technical Standards Program (TSP) Home Page, which features lists of Technical Standards, lists of personnel involved in TSP and non-Government standards activities, hot links to other technical standards organizations, and much more!

You can catch us at:
MOST DOE COMMENTS ON ISO 17025 UPHELD BY ANSI REVIEW COMMITTEE

By: Don Ragland (Sandia National Laboratories-Albuquerque)

Most of the comments submitted by DOE to the ANSI committee responsible for reviewing the proposed international standard ISO 17025 ("General Requirements for the Competence of Testing and Calibration Laboratories") were upheld by that group. Consequently, they will become part of the official U.S. position on the current draft (DIS 17025) of the standard. The DOE comments were the result of a concerted review of DIS 17025 by the DOE Metrology Committee at the request of Rick Serbu, DOE Technical Standards Program Manager.

ISO (International Organization for Standardization) is in the process of drafting DIS 17025, which will replace ISO/IEC Guide 25: 1990. ISO had requested that ANSI put together an ad hoc committee to study DIS 17025 and express an official U.S. position. Most of the changes recommended by the ad hoc committee reflect those requirements from ISO 9001 and ISO 9002 that are relevant to the scope of laboratory services covered by the quality systems at laboratories.

The makeup of the ad hoc committee reflects ANSI's attempt to garner opinions from a wide spectrum of U.S. Governmental and non-Governmental sources:

- Jim Bowman (Lockheed Martin Energy Systems), a Steering Committee member of the DOE Metrology Committee representing DOE on the ad hoc committee;
- Jim Cigler (NIST), Committee Chair and Chief of NVLAP (National Voluntary Laboratory Accreditation Program);
- Peter Unger, President of AALA (American Association of Laboratory Accreditation);
- Dan Harper, Chairman of the U.S. Technical Advisory Group for ISO Technical Committee (TC) 176;
- Keith Mowry, Underwriters Laboratories; and
- Lynne Neumann (Entela Corporation) a member of ISO TC 176 Working Group 10 and a member of the ad hoc writing group for the first draft of 17025.

Lynne Neumann and Jim Cigler will compose the final draft of the U.S. position on DIS 17025. Jim Bowman expects ISO 17025 to be issued by mid-1999. When issued, it will precipitate changes for the U.S. standard for calibration, ANSI/NCSL Z540-1, and for the laboratory accreditation systems.

For more information, you can contact Jim Bowman at 423-574-2558, jbo@ornl.gov.

One-Stop-Shopping
For Federal Agencies
Seeking
Standardization
Solutions

By: Paul Orr, Underwriter Laboratories, Inc.

To facilitate implementation of the Office of Management and Budget (OMB) Circular A-119, "Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities", Underwriters Laboratories Inc. (UL), is offering assistance to all Federal government departments and agencies seeking voluntary consensus standards solutions.

For those federal agencies who are not aware, UL is a private, not-for-profit organization which has been performing safety testing, product certification, and standards development and revision for over 104 years. We are a Nationally Recognized Test Laboratory (NRTL) offering global conformity assessment services. Our voluntary consensus standards support global trade through international harmonization and multinational harmonization (U.S., Canada, Mexico), and we are a leading U.S. registrar for registration to the ISO 9000 series of quality assurance standards. In addition to incorporating technical and practical input from industry, Federal government agencies, users, authorities having jurisdiction, and others, UL standards are written by knowledgeable UL test engineers and standards engineers who conduct the product investigations and use the Standards on a daily basis.

UL will work together with government agencies and industry to customize a process to address specific considerations for the adoption of a UL Standard. UL will also assist those seeking a service package such as standards development, product certification, and follow-up surveillance of future production.

A recent example of UL's responsiveness to considerations of government and industry is in the development of the Standard for Software in Programmable Components, UL 1998. The first edition of UL 1998, titled the Standard for Safety-Related Software and published in 1994, was written to apply to products designed to use software in place of electro-mechanical controls to address safety-related functions. There were a number of industry groups and government agencies that were significantly involved in the review process for UL 1998, including groups interested in residential and industrial controls, information technology, avionics, and medical
devices. While the first edition addressed software in general, the recently adopted second edition applies to non-networked embedded microprocessor software whose failure could result in a risk of fire, electric shock or injury to persons. As a result of comments received during the UL review process, the second edition now includes a number of modifications, including the new title.

To help your agency meet its standardization implementation goals, UL offers three options for adopting a UL Standard:

1) The direct adoption of an existing UL Standard to replace an agency specification.
2) The addition of a supplement to an existing UL Standard, to include essential government requirements not contained in the UL standard, and
3) UL to work with your agency to develop a standard based on agency-specific needs.

To browse the list of UL Standards, see UL's Catalog of Standards or Product Index at www.ul.com. For additional information please contact: Paul Orr, Project Engineer, Standards Department, Underwriters Laboratories, Inc., 1285 Walt Whitman Road, Melville, NY 11747, 516-271-6200 Ext. 22596, FAX 516-439-6021, or orrp@ul.com.

Registrar Accreditation Board (RAB) Launches Internet Site

News Release, Milwaukee, Wisconsin—The RAB has introduced an Internet site that provides visitors with wide-ranging information on accreditation and certification activities for both the ISO 9000 and ISO 14001 fields. The site address is www.rabnet.com.

RAB’s Internet site will provide a real service to business and industry. For firms just beginning their evaluation of registration and certification activities for both the ISO 9000 and ISO 14001 standards, the site includes overview perspectives. For those searching for an accredited registrar, auditor training course provider, or a certified individual auditor, the searchable databases make it easy to locate a particular registrar or training course provider or to obtain an entire list of these service providers," commented Joseph Dunbeck, RAB CEO.

For anyone who is not quite sure what the difference is between accreditation, registration, and certification, RAB’s Internet site has the complete answers. With separate areas devoted to Quality Management Systems (QMS) and Environmental Management Systems (EMS), the site contains several "Frequently Asked Questions" sections as well as a feedback mechanism for obtaining information on topics not detailed on the site.

RAB’s Internet site also provides the latest news from the International Accreditation Forum (IAF) and International Auditor and Training Certification Association (IATCA) as well as current developments from the ANSI-RAB National Accreditation Program (NAP).

While all areas of the site are available to the public, RAB-certified auditors will especially benefit from the option to download RAB audit logs. Auditors and other site visitors can also access the latest issue of RAB’s quarterly newsletter, News & Notes, as well as information on certification maintenance requirements, auditor’s code of conduct, and continuing professional development requirements.

DOE Takes Lead on International Environmental Standard

New DOE 490, General Environmental Protection Program, transforms the basic approach to ensure environmental protection by incorporating a site-wide systems approach with international environmental standard ISO 14001. DOE 490 replaces the DOE 5400 environmental protection series.

The new Order has only six requirements—one of them is to adopt an International Organization for Standardization’s (ISO) 14001 approach, the ISO Environmental Management System (EMS) Standard. This standard, which emphasizes the processes used to ensure cost-effective environmental protection,

1. identifies and implements applicable requirements,
2. monitors changes in applicable requirements,
3. analyzes the effect of new requirements, and
4. integrates change into each part of the operation.

Likewise, DOE 490 applies a systems approach to basic environmental management. It also requires development of environmental and EMS performance indicators to track progress toward DOE environmental and DOE-wide strategic goals. Under DOE EMS policy, an organization commits itself to continual improvement of its EMS. While ISO 14001 does not set specific performance goals, DOE 490 requires the establishment of and compliance with such goals. For details on DOE 490, contact Larry Stirling (EH-41) at 202-586-2147.
A Call for A National Standards Strategy (Continued from Page 1)

trade barriers between the EU and the U.S.—two areas with so much in common—we cannot expect to do so in areas where cultural and economic differences are much greater, in countries like China, Japan and India."

The animated discussion about the perceived European advantage involved the International Organization for Standardization (ISO), the International Electrotechnical Commission (IEC) and the International Telecommunications Union (ITU), the organizations widely viewed to be the "international" standards bodies.

Evangelos Vardakas, director of the Directorate General for Industry in the European Commission, told conference participants that the European standards system had served an important purpose: to unify the European market and to abolish barriers to trade among 18 European nations. Noting that the ISO and IEC could be more responsive, he said that the United States had a clear choice to make: either to work within ISO and IEC and try to improve the system, or to stay outside and compete with that system but forego the right to criticize them.

That invitation was deemed worth serious consideration by other participants who suggested that the time might be ripe for U.S. organizations to work with other countries in proposing significant changes in ISO and IEC procedures and requirements to the point of "reengineering" those organizations. According to Keith Termaat of Ford Motor Company, that could include giving two major European standards organizations (CEN/CENELEC) a single vote in ISO and IEC ballots rather than permitting individual countries to vote. The United States representative, ANSI, receives only a single vote. Changing the composition of the European membership would have a significant impact on the organizations' dues structure, an issue that would have to be addressed.

An alternative approach for dealing with concerns about ISO, IEC and ITU was suggested by George Arnold, director of standards and intellectual property at Lucent Technologies, who advocated pursuing bilateral and regional standards alliances, while remaining active in the international organizations.

It was also suggested by Henry Line, vice president of Global Product Standards for AMP Incorporated, that a national standards strategy may not be needed because of the wide diversity of industry sectors. He added that the existing U.S. voluntary standards system currently works effectively for most industries. He emphasized that standards must be market-driven; lead by the private sector with government support; voluntary; all inclusive to ensure that small- and medium-sized businesses participate in the process; and flexible to include supplier declaration of conformity assessment.

Another key issue addressed involved alternative concepts for funding the work of standards developing organizations, which typically rely on the sale of final standards and the voluntary involvement of companies to support the actual standards writing process. The concept of Federal government support for broad-based standards needs—including training and education, export promotion activities, and facilitating online access to information about standards and standard-setting activities—proved to be popular.

Providing government funding to support ANSI's participation in international standards activities and replacing income lost if its standards are offered for use received generally positive reviews. ANSI President Sergio Mazza warned, however, that even with such support, "There is no free lunch. We need to be sure that those who benefit from standardization pay their way."

NIST Director Ray Kammer told participants that if the Federal government were to provide greater support to standards developing organizations such as ANSI, congressional action and legislation would be desirable to ensure some reliability and continuity.

Among the other issues and major points addressed at the conference were:

- Organizations need to find ways to involve consumers more heavily in the standards development process.
- U.S. industry can eliminate a major competitive disadvantage and source of market confusion by increasing acceptance and use of the metric system.
- Government agency standards experts' involvement in voluntary standards activities needs to be continued, if not increased.
- The 400 standards organizations in the United States need to speak with one voice—or at least fewer voices.

The summit also included speakers who reported on successes in developing standards approaches for particular sectors. One example of success involves an emerging technology, intelligent transportation systems. The U.S. Department of Transportation and U.S. companies have collaborated to build an infrastructure of standards to support crash avoidance systems, advanced traffic control, and other applications. As a result, "The United States now has a very strong national standards program in intelligent transportation technologies," said Michael Schagrin, a standards manager with the department.

One sector that has had sustained success in its dealings with traditional international standards organizations is the U.S. construction machinery industry, according to Gerald Ritterbush, manager of standards and regulations at Caterpillar, Inc. Since 1998, industry representatives have participated actively in ISO, with administrative support from the Society of Automotive Engineers. "Essentially all of the critical standards contain U.S.A. technology," said Ritterbush.

Conference co-sponsors at ANSI and NIST agreed to promptly consider another suggestion offered at the summit: to organize a similar session to address critical issues in "conformity assessment," the testing and certification systems established for implementing standards.

For more information, contact: Daniel P. Stepanek/Ruth Zornm KCSA Worldwide, 212-896-1202/212-896-1255, or Michael Newman, NIST, 301-975-3025.
3. An initiative with the Chemical Manufacturers Association to bring chemical safety “best practices” into DOE was discussed.

4. A contributing factor to the July 1998 fatality at INEEL involved conflicting fire protection “standards” (NFPA vs. OSHA). One presentation, in noting this conflict, expressed a belief that the institution (i.e., DOE) must raise conflicting requirements of this nature to the attention of the responsible technical organizations for resolution.

5. A presentation on measuring ISM effectiveness identified the need to “promote standardization where possible” for economies-of-scale savings in Department-wide ISM implementation.

6. Another presentation touted the ability of an ISM system in helping avoid the “production-over-safety” trap because of its “disciplined, reliable standards system.”

There were also copies of “rogue” technical standards (example: a 200+ page “source book” on worker involvement in feedback/ improvement activities) and site-specific procedures on issues of Department-wide concern (enhanced work planning being the most common) available at the workshop.

What were some of the messages from this workshop that apply to the Technical Standards Program (TSP)? Some possible “lessons learned” are discussed below.

1. The TSP can only succeed when it operates as a service entity and not as a competing, stand-alone initiative. Our basic service function is to be DOE’s infrastructure to implement Public Law 104-113 and OMB Circular A-119 through the identification, development, application, and maintenance of technical standards (preferably voluntary consensus standards) relevant to Department operations. Another related service function (generally being covered by our network of topical committees) involves addressing standards and standardization needs that emerge from other Department-wide initiatives, such as ISM, enhanced work planning, lessons learned, etc. The bottom line is that the TSP must actively support ISM activities.

2. One speaker aptly noted that the existence of the “written word” (i.e., policy documents) was not sufficient to ensure ISM implementation. Another speaker commented that “(w)ithout training, you cannot communicate the intent of a program.” Certainly, this is a problem experienced by the TSP through the loss of funding for site-based training sessions and program workshops. In the absence of funding for training/workshops, the burden falls on our network of Technical Standards Managers and topical committees to convene the program’s intent to our site/facility customers and stakeholders.

3. Individuals interested in preparing new technical standards or acting to reaffirm/maintain existing technical standards need to understand and be able to communicate the “value-added” aspects of the documents. Efforts are underway within the Department to increase the scrutiny on all new DOE directives (including DOE technical standards). As such, in situations where the need for a technical standard is identified, every effort should be made to employ existing standards (voluntary consensus standards) to meet the need. Expending resources to prepare technical standards of little or no value to Department operations diminishes the credibility of all parties involved.

Recently, the Secretary of Energy, in an October 1, 1998, memorandum, affirmed his personal commitment to the principles of Integrated Safety Management. The Secretary also announced that a Safety Management Leadership Forum will be convened in the first part of 1999. ISM is aggressively moving forward, and it is time for all (the TSP community included) to get on board.

For more information on Integrated Safety Management, please consult their Internet site (http://tis-nt.eh.doe.gov/ism/).

**ISO 9000 COMPLIANCE—CHANGES IN THE FUTURE**

This article was reproduced from The Standardization Newsletter, First Quarter Edition, October 1998. The article was produced from information submitted by Ira Epstein, President, Value Management Associates, and ISO Working Group Chair. Mr. Epstein can be reached at 703-768-5212 or by Email at: iepstein@erols.com.

**WHAT:**

The content of the new ISO standards will change considerably more than was the case when the original 1987 standards were revised in 1994. The new standards will employ a process approach, be compatible with other management systems (i.e., ISO 14000), and include continuous improvement, fit stakeholders’ needs, and be user and customer friendly. The structure will change totally. The 20 elements of the 1994 ISO 9001 will be blended into major organizational processes.

Organizations registered to the 1994 version of ISO 9001 or 9002 will undoubtedly have to update their quality management systems to meet the new requirements. In 1994, most registrars gave their registered organizations 12 months to upgrade their 1987 quality management systems.

Revision of ISO 9001 will also likely have an impact on other standards based on ISO 9001. These would include standards such as QS 9000 (automotive industry), AS 9000 (aerospace industry), CP2 (Army), TL 9000 (telecommunications industry), good manufacturing practices (GMP), requirements for medical devices, etc. Organizations should consider the benefits of upgrading their quality management systems early.

The revised standards ISO 9000, ISO 9001 and ISO 9004 are expected to be published in the latter half of the year 2000. The following standards will be cancelled at that time: ISO 8402, ISO 9002, and ISO 9003. ISO 9001:2000 will allow tailoring to accommodate the needs of the organization and the fact that ISO 9002 and 9003 will no longer exist.

(Continued on Page 16)
Upcoming Meetings

January 25, 1999
Safety Analysis Working Group (SAWG) - Authorization Basis Workshop
Albuquerque, New Mexico

The workshop is sponsored by the Safety Analysis Working Group (SAWG) of the DOE Energy Facility Contractors Group (EFCOG). For more information, contact Sam Savani at 803-502-9638. The EFCOG internet home page is located at URL http://www.efcog.org/.

January 26-28, 1999
DOE Data Analysis Forum
St. Tropez Hotel - Las Vegas, Nevada

Sponsored by the DOE Office of Operating Experience Analysis and Feedback (DOE/EH-33).
The purpose of this forum is to share innovative techniques for collecting meaningful data, analyzing data to reveal useful insights, and presenting clear, concise results so that decision-makers can act and/or the public can be informed.

For more information, contact Richard Day, DOE/EH-33, 301-903-8371, richard.day@eh.doe.gov, or Leesa Arowood, ORISE, 423-576-0595, arowoodl@orau.gov, or visit the Internet site at http://tis.eh.doe.gov/web/oeaf/workshop.

May 16-20, 1999
National Fire Protection Association World Fire Safety Congress & Exposition
Baltimore Convention Center - Baltimore, Maryland

The Exposition has as its objective advancing the art and science of fire prevention and control. Mike McCurry, former press secretary and assistant to President Clinton will be the featured speaker.

For more information, call 617-984-7310 or check the NFPA Internet home page at URL http://www.nfpa.org/.

May 17-21, 1999
4th IEEE International Software Engineering Standards Symposium (ISESS)
Curitiba, Brazil

Theme: Best Software Practices for the Internet Age
ISESS '99 is sponsored by the Software Engineering Standards Committee (SESC) of the IEEE Computer Society. ISESS '99 takes a global view of the best software practices and the tools required for today's software challenges.

For more information, check the Internet at URL http://www.isess99.org/index.html or contact the Program Chair, Dr. Ray Milovanovic, Email: rajko@csc.ti.com.

June 6-10, 1999
1999 American Nuclear Society (ANS) Annual Meeting
Boston, Massachusetts
Theme: The Atom in the Next Millennium

A call for papers has been issued; the deadline for submissions is January 8, 1999. Full details for submission are available on the Internet at URL http://www.ans.org/meetings/.

October 4-7, 1999
Integrating Fire Research Into Practice
Chicago, Illinois

Co-organized by: National Institute of Standards and Technology, Building and Fire Research Laboratory (NIST/BFRL) and the Society of Fire Protection Engineers (SFPE)
The focus is to provide a forum for recent advances in fire safety engineering applications through technical presentations, workshops, and case studies. The intent is to stimulate the interaction between the fire research and fire safety engineering communities. There will be a tour of Underwriter Laboratories Fire Test Facility on Friday, October 8, 1999.

For more information, call 310-718-2910 or check the SFPE home page at URL http://www.mindspring.com/~sfpe1/.

November 14-19, 1999
1999 International Mechanical Engineering Congress and Exposition
Opryland Hotel Convention Center - Nashville, Tennessee

This is the American Society of Mechanical Engineer’s (ASME) Winter Annual Meeting. The highlight/industry topic is “Engineering Innovations for Increased Productivity”.

For more information, see the ASME home page at URL http://www.asme.org/.

1999 Technical Standards Program Workshop

As you might guess from the way the title of this article is depicted, the chances for organizing and conducting a program workshop in FY 1999 are fading fast! Unfortunately, the FY99 funding level identified by DOE management for Technical Standards Program (TSP) support is not sufficient to maintain the basic program infrastructure and hold a workshop this year.

We are all disappointed by this situation. At the same time, we are proceeding to plan for another Federal Technical Standards Workshop (most likely in the Washington, D.C. area) sometime in the spring of 2000. Stay tuned for further details. If you have any comments or suggestions on subject matter to be addressed in future workshops, please contact Rick Serbu, EH-31, 301-903-2856, richard.serbu@eh.doe.gov, or Don Williams, ORNL, 423-574-8710, dw5@ornl.gov.
ISO 9000 Compliance (Continued from Page 14)

WHEN:

During June 29 to July 3, 1998, the ISO technical committee and working group met in Stockholm, Sweden, to work on the next revisions of the ISO 9001 and ISO 9004 standards. These two standards are referred to as the consistent pair. They reviewed and considered approximately 3000 individual comments, which were received on the third working draft of these standards. (Comments on working drafts are limited to members of the U.S. Technical Advisory Group that is supporting the U.S. representative on.)

The majority of comments from all the nations indicated positive support for the structure and content of the drafts. A number of comments were on the issue of “tailoring” of the future ISO 9001 standard. Several comments were on the need to harmonize the terms and definitions in the 9001 and 9004 drafts with those in the draft of ISO 9000, Concepts and Terminology.

After considering the comments, the committee produced drafts of the ISO 9001 and ISO 9004 standards. These were sent out to member nations at the end of July 1998 for a four-month review period, ending in November 1998. U.S. Technical Advisory Group members expected to see the drafts around mid-August. The following schedule is anticipated:

2. Circulation of second drafts for a five-month review period for comment and a formal vote in the beginning of 1999.

The working group plans to meet in January 1999 to consider the comments received against the first drafts and prepare the second drafts for ballot. The ISO technical committee will next meet in September 1999, when the ballot of the second drafts has been concluded and the ballot results are known.

Please Note - We continue to receive issues of The Standards Forum that are returned to us because of unreported changes in the mailing address. Many of these were addressed to individuals or groups who desire to continue receiving this newsletter. Even minor changes such as changes in your local Mail Stop code can cause a return. Unless we have the time to follow up with a phone call or Email message, we have no way of knowing whether you really want to receive the newsletter or not, and the result will likely be that you will be deleted from our distribution database. Please notify us of any change in your mail address.