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DOE-TSL-4-99

May 1999

Superseding

DOE-TSL-4-98

May 1998

DOE TECHNICAL STANDARDS LIST

DIRECTORY OF DOE AND CONTRACTOR PERSONNEL INVOLVED IN NON- GOVERNMENT STANDARDS ACTIVITIES



**U.S. Department of Energy
Washington, D.C. 20585**

AREA SDMP

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1. GENERAL GUIDANCE

1.1 Purpose. Public Law (PL) 104-113 [15 USC 272(b), March 7, 1996], The National Technology Transfer and Advancement Act of 1995, and Office of Management and Budget (OMB) Circular A-119 (OMB A-119), *Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities*, describe the policy of the Federal Government regarding (a) adoption and use of voluntary (i.e., non-Government) standards in lieu of developing Government (i.e., DOE) standards, and (b) participation of Government employees in the activities of non-Government standards bodies. The policy outlined in PL 104-113 and OMB A-119 is reflected in DOE Order 1300.2A, *Department of Energy Technical Standards Program* (Note: Order 1300.2A is being replaced by Order 252.1, *Technical Standards Program*). As discussed in Order 1300.2A/252.1, participation by Department employees and contractors in the activities on non-Government standards bodies is encouraged. DOE participation in the standards-related activities of non-Government standards bodies provides incentives and opportunities to establish standards that serve national needs. Adoption and use of non-Government standards, where appropriate, eliminates the costs associated with developing DOE standards.

PL 104-113 and OMB A-119 require DOE and other Federal agencies to provide periodic reports on agency participation in non-Government standards activities. This technical standards list (TSL) is intended to assist DOE management and other personnel involved in the DOE Technical Standards Program by identifying those participating individuals.

1.2 Information included in this TSL. The body of this document contains a listing of DOE employees and DOE contractors who have submitted form DOE F 1300.2, Record of Non-Government Standards Activity, which is attached to the end of this document. Additional names were added from rosters supplied by non-Government standards bodies. The committees or governing bodies in which the person participates is listed after each name. An asterisk (*) preceding the committee notation indicates that the person has identified himself or herself as the DOE representative on that committee. Appendices to this document are also provided to sort the information by the parent employment organization, by non-Government standards activity, and by the proper names of the non-Government standards organizations and committees. DOE employees and contractors listed in this TSL are those recorded as of May 1, 1999.

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Additions or corrections to the information provided in this TSL may be submitted to the Technical Standards Program Office by completing form DOE F 1300.2. Suggestions for improvements to the format and contents of this TSL may be submitted to the Technical Standards Program Office (c/o Oak Ridge National Laboratory, Performance Assurance Project Office, P.O. Box 2009, Oak Ridge, TN 37831-8065) by completing form DOE F 1300.3, Document Improvement Proposal, which is also provided at the end of this document.

2. KEY WORD LISTING

The following listing of key words is provided to assist with locating this document by electronic retrieval searches:

- non-Government standards body
- DOE representative
- point of contact
- committee
- participation

3. ANALYSIS

As of May 1, 1999, the participation of 673 DOE and contractor personnel in 59 voluntary (i.e., non-Government) standards developing organizations has been recorded. Table 1 shows a comparison of the number of participants among DOE organizations. This involvement in non-Government standards activities encompasses 852 committees with 1311 participations on these committees. Table 2 shows the overall level of participations declining from 1540 in 1997 to 1311 in 1999. A breakdown of the number of participations by voluntary standards developing organization is reflected in Table 3. The 11 organizations listed in the table account for 83 percent of the total number of DOE participations. More specifically, 55 percent of participations recorded as of May 1, 1999, involve the American Society for Testing and Materials (ASTM), the American Society of Mechanical Engineers (ASME), and the Institute of Electrical and Electronics Engineers (IEEE).

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Table 1. Participants by DOE Organization

DOE Organization	Number of Participants (1998)	Number of Participants (1999)
Westinghouse Savannah River Company	110	63
Oak Ridge National Laboratory	70	79
Sandia National Laboratories	69	80
U.S. Department of Energy (HQ)	55	54
Lockheed Martin Energy Systems	46	26
Lockheed Martin Idaho Technologies	40	41
Pacific Northwest National Laboratory	30	34
Lawrence Livermore National Laboratory	29	30
Argonne National Laboratory	27	27
Los Alamos National Laboratory	23	23
Bonneville Power Administration	20	20
Western Area Power Administration	16	16
AlliedSignal FM&T	13	13
Lawrence Berkeley National Laboratory	13	13
Brookhaven National Laboratory	11	11
National Renewable Energy Laboratory	10	10
Other	134	133
TOTAL	716	673

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**Table 2. DOE and Contractor Personnel Involvement in
Non-Government Standards Activities**

	1997	1998	1999
Number of personnel involved in NGS activities	871	716	673
Number of NGS organizations represented	75	65	59
Number of NGS committees on which memberships were held	948	884	852
Number of NGS committee participations	1540	1406	1311

Table 3. Participations by NGS Organization

NGS Organization	Number of Participations (1998)	Number of Participations (1999)
American Society for Testing and Materials (ASTM)	389	355
American Society of Mechanical Engineers (ASME)	259	241
Institute of Electrical and Electronics Engineers (IEEE)	136	127
National Council on Radiation Protection and Measurements (NCRP)	72	71
American Nuclear Society (ANS)	64	62
National Fire Protection Association (NFPA)	64	59
American Concrete Institute (ACI)	44	34
American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE)	39	42
Institute of Nuclear Materials Management (INMM)	38	34
International Organization for Standardization (ISO)	32	34
Health Physics Society (HPS)	29	29
Other	240	223
TOTAL	1406	1311

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ANS-8.25

Gerard F. Couture

ANS-8.3

Jeffrey S. Philbin

* Valerie L. Putman

ANS-8.7

Calvin M. Hopper

Jeffrey S. Philbin

ANS-N16

* Samuel Rosenbloom

R. M. Westfall

ANS-N17

* Steven S. Payne

Theodore R. Schmidt

ANS-N48

* Douglas R. Wenzel

ANS-NUPPSO

Joseph D. Cohen

* J. K. Dickens

Donald J. Spellman

ANSI-AC-IC

* Gustave E. (Bud) Danielson

ANSI-BD

* Neal Goldenberg

ANSI-CA

* Neal Goldenberg

ANSI-E&T

* Neal Goldenberg

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APPENDIX B
NGS Activity and Participating Personnel

ANSI-ESC

* Charles R. Arnold

ANSI-GMC

* Charles R. Arnold

ANSI-N13

Norris D. Johnson
Timothy P. Lynch

ANSI-N13.1

Brent C. Blunt
John A. Glissmeyer

ANSI-N13.35

Timothy P. Lynch

ANSI-N13.49

Eric W. Abelquist
Timothy J. Vitkus

ANSI-N14

L. Paul Crawford
* Ashok K. Kapoor

ANSI-N14.2

Robert E. Glass

ANSI-N14.32

* Ashok K. Kapoor

ANSI-N323C

Brent C. Blunt

ANSI-N43.4

Norman D. Rohrig

ANSI-N45

Kathryn M. Tominey

ANSI-NSB

* Neal Goldenberg
* Frank C. Hawkins

ANSI-NSB-OC

* Jeffrey D. Feit

ANSI-NSB-PLANCO

* Charles R. Arnold

ANSI-NTAG

R. M. Westfall

ANSI-SDSC-DC

* Charles R. Arnold
Donald J. Spellman

ANSI-Z1

Richard M. Baehr

ANSI-Z88.2

Mark W. Haskew

ASA-S1.WG22

Douglas Miller

ASCE-1020

Greg E. Mertz

ASCE-EY-NE

* Evert D. Uldrich

ASCE-SS-CA&RB-SRB

* V. Gopinath
* R. J. Hunt

ASCE-SS-DSTPS

* Bobby G. Hagler
* Leon Kempner

ASCE-SS-DSTPS-OL

* Bobby G. Hagler

ASCE-SS-DSTT

* Charles Garcia
* Leon Kempner

ASCE-ST-DE-DANS

Hans J. Dahlke
Dennis D. Niehoff
Michael E. Nitzel
Chittoor V. Subramanian

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APPENDIX B
NGS Activity and Participating Personnel

ASCE-ST-DE-DANS-SC486

Barendra K. Talukdar

ASCE-ST-SDI-ETS-SCDSS

* Terry G. Burley

ASHRAE-EHC

* John M. Talbott

ASHRAE-SC

Max H. Sherman

ASHRAE-SPC090.2P

* Carl E. Adams
Jeffrey E. Christian
* Esher R. Kweller
John M. Talbott

ASHRAE-SPC100P

* J. M. MacDonald
* Patricia H. Rose

ASHRAE-SPC116-83R

* Douglass S. Abramson

ASHRAE-SPC129P

William J. Fisk

ASHRAE-SPC139P

Ahmad A. Pesaran

ASHRAE-SPC140P

Ronald D. Judkoff

ASHRAE-SPC142P

Dariush K. Arasteh

ASHRAE-SPC145P

Alfred T. Hodgson

ASHRAE-SPC146P

James D. Lutz
* Cyrus H. Nasseri

ASHRAE-SPC147P

Van D. Baxter

ASHRAE-SPC152P

Mark P. Modera

ASHRAE-SSPC62

Max H. Sherman

ASHRAE-SSPC90.1

Ronald E. Jarnagin
Dale Sartor
* David W. Winiarski

ASHRAE-TC1.2

William A. Miller

ASHRAE-TC4.3

Max H. Sherman

ASHRAE-TC4.7

Ronald D. Judkoff

ASHRAE-TC5.8

* Wayne M. Lawton

ASHRAE-TC6.3

* Cyrus H. Nasseri

ASHRAE-TC6.3-JTC103

* Cyrus H. Nasseri

ASHRAE-TC6.3-JTC107

* Syed H. A. Zaidi

ASHRAE-TC6.4

* Cyrus H. Nasseri

ASHRAE-TC6.5-JTC146P

* Cyrus H. Nasseri

ASHRAE-TC6.6

James D. Lutz

ASHRAE-TC6.7

David F. Menicucci
Earl E. Rush
Byron Stafford

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APPENDIX B
NGS Activity and Participating Personnel

ASHRAE-TC7.6

* Douglass S. Abramson

ASHRAE-TC9.10

* Wayne M. Lawton

ASHRAE-TC9.2

* Douglass S. Abramson

Jan K. Fretthold

* Wayne M. Lawton

Kevin R. Scaggs

Ashok B. Shah

ASME-C12065400

J. Bryan

Steven R. Patterson

ASME-C36000000

Kenneth L. Blaedel

Ronald Hanshaw

ASME-C36062300

W. T. McKeethan

ASME-C36080200

Sam Thompson

ASME-C36080800

Kenneth L. Blaedel

ASME-C36100000

Kenneth L. Blaedel

ASME-C36101000

Jon M. Baldwin

William H. Rasnick

ASME-C36101300

Ronald Hanshaw

ASME-C36101700

Kenneth L. Blaedel

ASME-C36102000

Ronald Hanshaw

ASME-C36120000

Kenneth L. Blaedel

ASME-C36120300

Kenneth L. Blaedel

ASME-C36120400

Kenneth L. Blaedel

ASME-C38060800

Leonard A. Abbatiello

ASME-C46020400

Floyd W. Crouse

Curtis V. Nakaishi

ASME-C64000000

Bruce L. Nielsen

Karl E. Wiegandt

ASME-C64000200

Karl E. Wiegandt

ASME-C64020000

Bruce L. Nielsen

ASME-C64020500

* John E. Winconek

ASME-C64041000

Michael A. Casey

Ted C. Miller

* John E. Winconek

ASME-C64041100

Sam Thompson

ASME-C64046000

Bruce L. Nielsen

ASME-HEC

Ki C. Kwon

ASME-IOC

Ki C. Kwon

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APPENDIX B
NGS Activity and Participating Personnel

ASME-L01040000

David M. Engel

ASME-L01090000

* Jerry L. Hebb

ASME-L01201100

Ray Pope

ASME-L02600000

C. S. Jackson

William B. Snyder

ASME-N10010000

C. David Cowfer

ASME-N10010200

C. David Cowfer

ASME-N10020000

George A. Antaki

ASME-N10020400

Anthony P. Rangus

ASME-N10021500

George A. Antaki

ASME-N10106000

Christian A. Kot

Dennis P. Roach

Robert P. Wurstner

ASME-N20000000

George A. Antaki

* C. David Cowfer

Paul E. McConnell

George B. Rawls

ASME-N20060000

Randy K. Nanstad

Robert W. Swindeman

ASME-N20060600

Charles V. Robino

ASME-N20060700

Randy K. Nanstad

ASME-N20070000

Ralph S. Hill

Robert M. Jessee

Robert I. Jetter

ASME-N20070100

Marc J. Meyer

ASME-N20070200

Robert M. Jessee

ASME-N20070300

Ralph S. Hill

ASME-N20070310

Thomas M. Mulcahy

ASME-N20070317

Ralph S. Hill

ASME-N20070320

Gregory K. Miller

ASME-N20070325

George A. Antaki

Ralph S. Hill

ASME-N20070360

Ralph S. Hill

ASME-N20070600

Charles R. Brinkman

Robert I. Jetter

ASME-N20070700

Howard H. Chung

* William H. Lake

* Donald J. Nolan

David T. Raske

* Ken B. Sorenson

Peter Turula

ASME-N20070720

Paul E. McConnell

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APPENDIX B
NGS Activity and Participating Personnel

ASME-N20070730

Robert E. Glass
Charles A. Miller
Peter Turula
Howard H. Woo

ASME-N20070740

Robert M. Jessee
David T. Raske

ASME-N20080000

Joe Gutierrez
* Michael F. Hessheimer
M. B. Parks
Joseph P. Strizak

ASME-N20080100

Joe Gutierrez

ASME-N20080200

M. B. Parks

ASME-N20100300

Kenneth W. Cook
Robert W. McClung

ASME-N20100600

Robert M. Jessee

ASME-N20110004

Joaquim L. Heck

ASME-N20120100

Robert M. Jessee

ASME-N20120200

Robert M. Jessee

ASME-N20120500

Charles V. Robino

ASME-N20140000

Spencer H. Bush
C. David Cowfer
Tony F. Lentz
William J. Shack
Philip R. Vormelker

ASME-N20140010

Vikram N. Shah

ASME-N20140200

Chris E. Jensen
Tony F. Lentz

ASME-N20140235

C. David Cowfer
Philip R. Vormelker
* Paul Wu
* Syed H. A. Zaidi

ASME-N20140240

Chris E. Jensen

ASME-N20140250

Fredric A. Simonen

ASME-N20140260

Dan Naus

ASME-N20140400

L. R. Monson

ASME-N20140605

Fredric A. Simonen

ASME-N20140625

Fredric A. Simonen

ASME-N20140700

C. David Cowfer

ASME-N20140701

C. David Cowfer
Steven Doctor

ASME-N20160000

Harvey D. Michael

ASME-N20190000

Robert I. Jetter

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APPENDIX B
NGS Activity and Participating Personnel

ASME-N20190400

Charles R. Brinkman
* James M. Corum
Robert I. Jetter
Saurindran Majumdar

ASME-N20190500

Charles R. Brinkman
Hassan H. Ziada

ASME-O10000000

Howard H. Chung
Frank C. Hood
Joseph D. Paul

ASME-O10200000

Dennis E. Grove
Lawrnel Harrison
Joseph D. Paul

ASME-O10230100

William J. McAndrew
* James W. Slawski

ASME-O10230120

Jan K. Fretthold
William J. McAndrew
* James W. Slawski

ASME-O10230130

William J. McAndrew
* James W. Slawski

ASME-O10240000

James R. Kriskovich

ASME-O10250000

Joseph D. Paul
Jerome B. Roberts

ASME-O10252000

Joseph D. Paul

ASME-O10252500

Joseph D. Paul
Jerome B. Roberts

ASME-O10254000

Dennis E. Grove

ASME-O10271000

Robert T. Swift

ASME-O10272000

Clark R. Hammond

ASME-O10280000

Jan K. Fretthold

ASME-O10280120

Jan K. Fretthold

ASME-O10292000

James R. Kriskovich

ASME-O10300000

Robert S. Hartley

ASME-O10322000

Martin W. Wambsganss
Richard T. Wood

ASME-O10331000

Jwalit J. Purohit

ASME-O10331110

Donald W. Casada
Robert S. Hartley
Jwalit J. Purohit

ASME-O10332050

Clair B. Ransom
Sham K. Shete

ASME-O10332200

Sham K. Shete

ASME-O10332400

Kevin G. Dewall

ASME-O10332500

Daryl F. Cox

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APPENDIX B
NGS Activity and Participating Personnel

ASME-O10332700

Karen L. McElhaney
Clair B. Ransom

ASME-O10500000

Peter L. Bussolini
John J. Connelly
* Gustave E. (Bud) Danielson
Frank C. Hood
Carl M. Schaumann
Ron C. Schrotke
William K. Sowder

ASME-O10520000

Susan Y. Pickering

ASME-O10530000

* Gustave E. (Bud) Danielson
* Frank C. Hawkins
Marc J. Meyer
* William K. Sowder

ASME-O10532000

* Gustave E. (Bud) Danielson
Joe Gutierrez
* Frank C. Hawkins
* William K. Sowder

ASME-O10540000

Joseph R. Yanek

ASME-O10541000

N. R. Glover

ASME-O10543000

Joseph R. Yanek

ASME-O10545000

* Ronald J. Claverie
Hans Ebner

ASME-O10546000

John K. Adachi
Donald R. Beach
Peter L. Bussolini
Allen N. Goland
Joe Gutierrez
* Frank C. Hawkins
Glenmore R. Hayes
Frank C. Hood
David O. Lee
Ronald Michels
Ron C. Schrotke
J. R. Wayland

ASME-O10552000

John J. Connelly

ASME-O10555000

John J. Connelly
Frank C. Hood
David O. Lee
J. R. Wayland

ASME-O10560000

Stephen D. Harris
Donald L. Hofmann
John R. Matras
Ron C. Schrotke

ASME-O10561000

Joe Gutierrez
Mark L. Hermanson
Donald L. Hofmann

ASME-O10562000

Stephen D. Harris
Mark L. Hermanson
* Camille L. Kerrigan
John R. Matras
* Burton Rothleder
Ron C. Schrotke

ASME-O10580000

Robert K. Dann
Roy A. Jacobus

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APPENDIX B
NGS Activity and Participating Personnel

ASME-O10581000

William Reinhart

ASME-O10586000

Spencer H. Bush
Robert K. Dann
Richard L. Schlosser

ASME-O10590000

Peter L. Bussolini
Robert W. Clark
* Mark L. Matthews
Susan Y. Pickering
Frank J. Schelling

ASME-O10592000

Peter L. Bussolini
* Robert W. Clark
Frank J. Schelling

ASME-O10600000

Ray Pope

ASME-O10670000

Rupert O. Osborn
Ray Pope

ASME-O10680000

Ray Pope

ASME-O10800000

* Brent J. Gutierrez
Robert C. Hill

ASME-O10820000

Robert C. Hill
Baidya N. Roy

ASME-O10830000

Baidya N. Roy
John C. Watkins

ASME-O10830100

John C. Watkins

ASME-P01140000

* Larry W. Boyd
Jwalit J. Purohit

ASME-P01180000

Jack L. Stellern

ASME-P01240115

D. Allen Coutts

ASME-P01610000

* Patrick H. Le

ASNT-NCB

Marvin W. Trimm

ASQ-E&E

John Dew
R. R. Geoffrion
Thomas M. Koepp
Charles H. Moseley

ASQ-E&E-EWM-ER

Thomas M. Koepp

ASQ-E&E-EWM-WO

* William K. Sowder

ASQ-E&E-S&A

Thomas M. Koepp

ASQ-QA

Quitman White

ASQ-TC176

* Gustave E. (Bud) Danielson

ASSE-Z117.1

Randall B. Ogle

ASTM-A01

* Ronald R. Borisch

ASTM-A01.02

* Wayne A. Gabel

DOE-TSL-4- 99
APPENDIX B
NGS Activity and Participating Personnel

ASTM-A01.08

* Ronald R. Borisch

ASTM-A01.10

* Ronald R. Borisch

ASTM-A01.11

* Ronald R. Borisch

ASTM-A01.14

* Ronald R. Borisch

ASTM-A01.17

* Ronald R. Borisch

ASTM-A01.22

* Ronald R. Borisch

ASTM-A01.95

* Wayne A. Gabel

ASTM-B01

* HelenAnn W. Volpe

ASTM-B01.01

* HelenAnn W. Volpe

ASTM-B01.02

* David M. Caines

* HelenAnn W. Volpe

ASTM-B01.04

* David M. Caines

ASTM-B01.06

* David M. Caines

ASTM-B01.07

* David M. Caines

* HelenAnn W. Volpe

ASTM-C05

Timothy D. Burchell

Ralph B. Dinwiddie

ASTM-C05.02

Timothy D. Burchell

ASTM-C05.05

Joseph P. Strizak

ASTM-C09.20

* Mario R. Diaz

ASTM-C09.41

* Mario R. Diaz

ASTM-C09.60

* Mario R. Diaz

ASTM-C09.92

* Mario R. Diaz

ASTM-C14

James F. Sproull

ASTM-C14.01

James F. Sproull

ASTM-C15.02

W. D. Jones

ASTM-C15.04

W. D. Jones

ASTM-C15.05

W. D. Jones

ASTM-C15.06

W. D. Jones

ASTM-C16.21

Andre' O. Desjarlais

Ronald S. Graves

Kenneth E. Wilkes

David W. Yarbrough

ASTM-C16.22

Andre' O. Desjarlais

Ronald S. Graves

ASTM-C16.23

Ronald S. Graves

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APPENDIX B
NGS Activity and Participating Personnel

ASTM-C16.30

George E. Courville
Andre' O. Desjarlais
Ronald S. Graves
David L. McElroy
Kenneth E. Wilkes
David W. Yarbrough

ASTM-C16.32

Ronald S. Graves

ASTM-C16.90

Ronald S. Graves

ASTM-C16.92

Ronald S. Graves

ASTM-C16.95

Ronald S. Graves

ASTM-C16.96

George E. Courville

ASTM-C16.97

Andre' O. Desjarlais

ASTM-C26

C. L. Bendixsen
* Barry J. Carlson
Paul F. Cloessner
Ann Gibbs
* Richard A. Hane
* Carol M. Jantzen
Robert S. Lee
Wanda G. Mitchell
Donald E. Sandberg
Gary L. Smith
* Anthony J. Trennel

ASTM-C26.01

Rodney L. Hand
S. K. Pillay

ASTM-C26.02

John D. McGaugh
Ray B. Stout
Orlando A. Vita

ASTM-C26.05

Glenn E. Bentley
Delbert L. Bowers
Lawrence A. Bruckner
Joel W. Dahlby
Reed B. Durham
Martin C. Edelson
Norbert W. Golchert
Ronald L. Goss
Rodney L. Hand
Mark H. Hollenbach
Edmund A. Huff
Christopher Kinard
John H. Marlow
* Wanda G. Mitchell
Roy W. Morrow
Ronald A. Palmer
Donivan R. Porterfield
David A. Rakel
Patricia M. Santoliquido
Frederick J. Schultz
Michael D. Soriano
M. I. Spaletto
Donald J. Temer
Orlando A. Vita
* Jon R. Weiss
Michael R. Williams

ASTM-C26.05.01

* Isabel M. Fisenne

ASTM-C26.05.02

Wanda G. Mitchell

ASTM-C26.05.03

Mark H. Hollenbach
* Jeff W. Wade

ASTM-C26.05.04

Wanda G. Mitchell

ASTM-C26.06

Lawrence A. Bruckner
Michael D. Soriano

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APPENDIX B
NGS Activity and Participating Personnel

ASTM-C26.07

James C. Cunnane
Norbert W. Golchert
* Carol M. Jantzen
Steven C. Marschman
Wanda G. Mitchell
John B. Pickett
S. K. Pillay
* Anthony J. Trennel

ASTM-C26.08

Rodney L. Hand
Pamela L. Howell-Vasquez
Steven C. Marschman
Michael D. Soriano
Orlando A. Vita

ASTM-C26.09

Rodney L. Hand
* Darrell A. Huff
Jerry N. McKamy
S. K. Pillay
* Kenneth E. Plummer

ASTM-C26.10

Lawrence A. Bruckner
Jeff A. Chapman
Paul F. Cloessner
Kenneth L. Coop
Joel W. Dahlby
Larry V. East
Martin C. Edelson
Richard C. Hagenauer
* Richard A. Hane
Robert S. Lee
Robert S. Marshall
Jerry N. McKamy
S. K. Pillay
David A. Rakel
Frederick J. Schultz
James K. Sprinkle
Richard S. Thomason
George A. Westsik

ASTM-C26.11

Lawrence A. Bruckner
Joel W. Dahlby
Rodney L. Hand
Pamela L. Howell-Vasquez
Christopher Kinard
S. K. Pillay
Patricia M. Santoliquido

ASTM-C26.12

Lawrence A. Bruckner
Martin C. Edelson
Ann Gibbs
Rodney L. Hand
Robert S. Marshall
Robert L. Pearson
S. K. Pillay

ASTM-C26.13

John K. Bates
C. L. Bendixsen
Lawrence H. Cadoff
James C. Cunnane
William L. Ebert
Robert E. Einziger
Vijay Jain
* Carol M. Jantzen
Steven C. Marschman
Ronald A. Palmer
John B. Pickett
S. K. Pillay
Gary L. Smith
Ray B. Stout
* Anthony J. Trennel
Michael R. Williams

ASTM-C26.91

Lawrence A. Bruckner
Kenneth E. Plummer

ASTM-C28.01

Charles R. Brinkman
Kenneth C. Liu
Robert W. McClung

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APPENDIX B
NGS Activity and Participating Personnel

ASTM-C28.02

Michael G. Jenkins
Kenneth C. Liu
Robert W. McClung

ASTM-C28.05

Robert W. McClung

ASTM-C28.07

Michael G. Jenkins
Robert W. McClung

ASTM-C28.93

Charles R. Brinkman

ASTM-D02.02

* Harry N. Giles

ASTM-D02.04

* Harry N. Giles

ASTM-D02.08

* Harry N. Giles

ASTM-D05.07

* Richard P. Killmeyer

ASTM-D05.07.01

* Richard P. Killmeyer

ASTM-D18.01.01

Lynne M. Christel

ASTM-D18.01.03

Lynne M. Christel

ASTM-D18.01.05

Lynne M. Christel

ASTM-D18.12

Ronald H. Price

ASTM-D18.12.03

Ronald H. Price

ASTM-D18.12.06

Ronald H. Price

ASTM-D19.04

* John S. Morton
Donivan R. Porterfield
* Colin G. Sanderson

ASTM-D19.05

* Carmela Torquato

ASTM-D22.03

* Carmela Torquato

ASTM-D22.06

* Carmela Torquato

ASTM-D33.02

Pamela L. Howell-Vasquez

ASTM-D33.03

* Mario R. Diaz
Alfred C. Von Nyvenheim

ASTM-D33.10

* Mario R. Diaz

ASTM-D33.11

* Mario R. Diaz
Pamela L. Howell-Vasquez

ASTM-D34

L. V. Asplund
Jonathan S. Kuhns

ASTM-D34.01

* Alan B. Crockett
Jonathan S. Kuhns

ASTM-D34.01.01

* Alan B. Crockett

ASTM-D34.02

* Alan B. Crockett
Jonathan S. Kuhns
Roy W. Morrow

ASTM-D34.02.07

Jonathan S. Kuhns

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APPENDIX B
NGS Activity and Participating Personnel

ASTM-D34.02.10

Charles K. Bayne

ASTM-D34.02.11

* Alan B. Crockett

ASTM-D34.07

Richard D. Dayvault

Pamela L. Howell-Vasquez

* John S. Morton

Kenneth E. Plummer

ASTM-D34.07.02

* Theodore J. Bowling

ASTM-D34.07.04

* Theodore J. Bowling

ASTM-D34.10

Baidya N. Roy

ASTM-D34.11

* Alan B. Crockett

Baidya N. Roy

ASTM-E01.22

* Roland F. Hirsch

ASTM-E01.91

* Roland F. Hirsch

ASTM-E05

Larry V. East

ASTM-E06

Lloyd M. English

ASTM-E06.81

Kenneth K. Humphreys

ASTM-E07.01

Robert W. McClung

ASTM-E07.01.03

Cary L. Pratt

ASTM-E07.05

Cary L. Pratt

ASTM-E07.06

Kenneth W. Cook

Robert W. McClung

ASTM-E07.07

Robert W. McClung

ASTM-E07.08

Robert W. McClung

ASTM-E07.09

Robert W. McClung

ASTM-E07.10

Robert W. McClung

ASTM-E07.91

Jerry J. Haskins

ASTM-E08

David J. Alexander

Shafik K. Iskander

Randy K. Nanstad

Walter G. Reuter

Robert W. Swindeman

ASTM-E08-EX

William R. Corwin

ASTM-E08.07

Donald E. McCabe

Walter G. Reuter

ASTM-E08.07.03

Walter G. Reuter

ASTM-E08.07.03.xx

* Walter G. Reuter

ASTM-E08.07.05

William R. Corwin

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APPENDIX B
NGS Activity and Participating Personnel

ASTM-E08.08

Wilson R. Lloyd
Donald E. McCabe
Richard J. Salzbrenner

ASTM-E10

James S. Durham
Shafik K. Iskander
Randy K. Nanstad
Roger E. Stoller
Robert W. Swindeman
George J. Vargo
David W. Vehar

ASTM-E10-EX

William R. Corwin

ASTM-E10.01

David W. Vehar

ASTM-E10.02

William R. Corwin

ASTM-E10.02.05

William R. Corwin

ASTM-E10.03

* Alan B. Crockett
Richard H. Meservey
* J. W. Rogers
Donald E. Sandberg
* William W. Weaver
Michael R. Williams

ASTM-E10.03.08

Richard H. Meservey

ASTM-E10.03.09

Richard H. Meservey

ASTM-E10.03.10

Richard H. Meservey

ASTM-E10.03.11

Richard H. Meservey

ASTM-E10.04

George J. Vargo

ASTM-E10.05

* Patrick J. Griffin
James A. Horak
John G. Kelly

ASTM-E10.05.01

* J. W. Rogers

ASTM-E10.05.02

* J. W. Rogers

ASTM-E10.05.03

* J. W. Rogers

ASTM-E10.05.04

* J. W. Rogers

ASTM-E10.05.05

* J. W. Rogers

ASTM-E10.05.07

* J. W. Rogers

ASTM-E10.05.08

* J. W. Rogers

ASTM-E10.05.09

* J. W. Rogers

ASTM-E10.07

David E. Beutler
* Patrick J. Griffin
John G. Kelly
* Theodore F. Luera
David W. Vehar

ASTM-E10.08

Roger E. Stoller

ASTM-E11

Michael D. Soriano

ASTM-E12.09

Timothy J. McIntyre

DOE-TSL-4- 99
APPENDIX B
NGS Activity and Participating Personnel

ASTM-E13

Gary L. Troyer

ASTM-E13.04

John W. Haas, III

ASTM-E13.06

John W. Haas, III

ASTM-E13.08

John W. Haas, III

Gary L. Troyer

ASTM-E13.09

John W. Haas, III

Gary L. Troyer

ASTM-E21

Robert W. Swindeman

ASTM-E28

Shafik K. Iskander

ASTM-E34.70

Randall B. Ogle

ASTM-E34.85

* Robert M. Waters

ASTM-E37

William F. Hammetter

ASTM-E37.01

William F. Hammetter

ASTM-E37.02

William F. Hammetter

ASTM-E37.03

William F. Hammetter

ASTM-E37.04

William F. Hammetter

ASTM-E37.06

William F. Hammetter

ASTM-E37.07

William F. Hammetter

ASTM-E42

Donald R. Baer

* Jason M. Cook

ASTM-E42.02

* Jason M. Cook

ASTM-E42.03

* Jason M. Cook

ASTM-E42.04

* Jason M. Cook

ASTM-E42.11

* Jason M. Cook

ASTM-E43

* Uri Gat

ASTM-E43.10

* Uri Gat

ASTM-E43.20

* Uri Gat

ASTM-E43.40

* Uri Gat

ASTM-E43.50

* Uri Gat

ASTM-E43.90

* Uri Gat

ASTM-E44.09

* Keith A. Emery

* Carl R. Osterwald

ASTM-E47.01

Glenn Suter

ASTM-E47.02

Glenn Suter

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APPENDIX B
NGS Activity and Participating Personnel

ASTM-E47.04

Glenn Suter

ASTM-E47.07

Glenn Suter

ASTM-E47.08

Glenn Suter

ASTM-E47.13

David M. Peterson

Glenn Suter

ASTM-E49

Camden R. Hubbard

ASTM-F01

Theodore F. Wrobel

ASTM-F01.03

John J. Stephens

ASTM-F01.11

* Theodore F. Luera

Theodore F. Wrobel

ASTM-F18

* Lazaro M. Romero

ASTM-F18.10

* Lazaro M. Romero

ASTM-F18.10.15

* Kenneth J. Brown

ASTM-F18.20

* Lazaro M. Romero

ASTM-F18.30

* Lazaro M. Romero

ASTM-F18.40

* Lazaro M. Romero

ASTM-F18.50

* Kenneth J. Brown

* Lazaro M. Romero

ASTM-F23

Allen Lilly

ASTM-G01.05

Baidya N. Roy

ASTM-G01.06

Baidya N. Roy

ASTM-G01.12

Baidya N. Roy

ASTM-G02.30

Peter J. Blau

ASTM-G02.40

Peter J. Blau

ASTM-G02.50

Peter J. Blau

ASTM-G02.91

Peter J. Blau

ASTM-G02.93

Charles S. Yust

ASTM-G03

Baidya N. Roy

ASTM-G03.01

Baidya N. Roy

ASTM-G03.03

Baidya N. Roy

ASTM-G03.08

Baidya N. Roy

AWEA-ICS-A

* H. E. McKenna

AWS-A01

Eldon Brandon

AWS-B02

* Jeff J. Fluckiger

DOE-TSL-4- 99
APPENDIX B
NGS Activity and Participating Personnel

AWS-C03

Paul T. Vianco

AWS-C03B

F. M. Hosking

AWS-C03E

F. M. Hosking

AWS-C05

G. Ken Hicken

AWS-C06

Gerald A. Knorovsky

AWS-C07

Eldon Brandon

* Gary R. Cannell

AWS-C07B

Eldon Brandon

* Gary R. Cannell

AWS-C07C

Phillip W. Fuerschbach

AWS-D01L

Marvin J. Harker

AWS-D09

* William S. Harker

AWS-D09.06

* William S. Harker

AWS-D14B

Luke Y. Sunwoo

AWS-D14E

Luke Y. Sunwoo

AWS-SH

* Ronald J. Simonton

AWS-SH1

Denis E. Clark

* Richard M. Tuggle

CAM-I

Jon M. Baldwin

Curtis W. Brown

Samuel L. Chapman

CAM-I-DMSC

Jon M. Baldwin

Curtis W. Brown

* Samuel L. Chapman

CAM-I-QAP

Jon M. Baldwin

CIRMS

* R. T. Bell

CSI

Nolan E. Brown

CSI-SS

Alfred E. Harris

EIA-EDIF-IE31

Ronald V. Miskell

EIA-GEIA-G12

Joe H. Borrego

EIA-JC14.2

David K. Monroe

HFS-100

* Robert M. Waters

HPS-N13

* Robert M. Loesch

* Peter C. Olsen

HPS-N13.1

* Mark D. Hoover

* George J. Newton

HPS-N13.11

* Charles S. Sims

HPS-N13.22

James S. Bogard

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APPENDIX B
NGS Activity and Participating Personnel

HPS-N13.25

Eugene H. Carbaugh

HPS-N13.27

James S. Bogard

HPS-N13.29

C. R. Jones

* Gladys A. Klemic

HPS-N13.3

Ellen Hochheiser

* Robert M. Loesch

* Charles S. Sims

HPS-N13.30

* Gary E. Grothaus

HPS-N13.37

C. R. Jones

* Gladys A. Klemic

HPS-N13.39

Donald E. Bihl

HPS-N13.40

* Peter C. Olsen

HPS-N13.xx

Vince A. King

HPS-N43

Camden R. Hubbard

Jerry B. Hunt

* Peter V. O'Connell

* Joel L. Rabovsky

HPS-SSC

Michael G. Knight

David C. Kocher

HPS-SSC-ED

Eric W. Abelquist

Timothy J. Vitkus

HPS-SSC-NORM

Philip V. Egidi

* Nirmala Rao

IAEA-DNE-IRMP

* Isabel M. Fisenne

IAEA-RADWASS

* Gary W. Roles

IAEA-TRANSSAC

* Ashok K. Kapoor

ICDD-TC

Raymond P. Goehner

Mark A. Rodriguez

IEA-PVPS

Ward I. Bower

IEA-PVPS-Task 1

Ward I. Bower

IEA-PVPS-Task 5

Ward I. Bower

IEC-JWG

Jay L. Chamberlin

IEC-TC104

Peter J. Chiaro

IEC-TC11

* Jerry L. Reding

IEC-TC15-SC15B-WG2

* Kenneth T. Gillen

IEC-TC37

Gerald E. Lee

IEC-TC37-HVAG

* Gerald E. Lee

IEC-TC45-SC45A-880

John R. Matras

DOE-TSL-4- 99
APPENDIX B
NGS Activity and Participating Personnel

IEC-TC45-SC45B

Peter J. Chiaro

IEC-TC57

* Rolf E. Carlson

IEC-TC57-WG06

* Rolf E. Carlson

IEC-TC69-WG03

Gary L. Hunt

IEC-TC77-SC77C

Paul R. Barnes

IEC-TC82

Jay L. Chamberlin

IEC-TC82.2

Ward I. Bower

* Keith A. Emery

IEC-TC88.2

* Robert W. Thresher

IEC-TC88.4

* H. J. Green

IEC-TC88.6

* Brian Smith

IEEE-C/SE

Steven L. Humphreys

Dwayne L. Knirk

IEEE-C/SE-1012

Stephen D. Harris

IEEE-C/SE-1175

Dwayne L. Knirk

IEEE-C/SE-SSPG

Lorraine S. Baca

Patricia A. Trellue

IEEE-C2

* Ross M. Clark

IEEE-C63

* Richard A. Hess

IEEE-IA/C&S

Thomas D. Mills

IEEE-IA/IC

Steven A. Larson

IEEE-IA/PSE-GS

Eugene C. Strycula

IEEE-IA/PSE-PQS

Eugene C. Strycula

IEEE-IA/PSE-PSDS

Steven A. Larson

Thomas D. Mills

IEEE-IA/PSE-PSGS

Donald H. McCullough, II

Thomas D. Mills

IEEE-IA/PSP-P1015

James W. Brosnahan

IEEE-IM/WM&A

William B. Boyer

Philip J. Green

Richard P. Kromer

Otis M. Solomon

IEEE-IM/WM&A-A/DC

Philip J. Green

IEEE-IM/WM&A-SCPT

Otis M. Solomon

IEEE-N42

Edward J. Lampo

IEEE-N42.2

Robert J. Gehrke

IEEE-PE/ED&PG

Lewis T. Gordon

Mark E. Ralph

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APPENDIX B
NGS Activity and Participating Personnel

IEEE-PE/ED&PG-SDS-TFICEG

Joseph A. Amari

IEEE-PE/ED&PG-SO

Lewis T. Gordon

IEEE-PE/ED&PG-WGU

Lewis T. Gordon

IEEE-PE/IC

John D. Kueck

IEEE-PE/NPE

Donald J. Spellman
Terence J. Voss

IEEE-PE/NPE-SC2

* Victor Loczi

IEEE-PE/NPE-SC3.4

* Jerald L. Edson

IEEE-PE/NPE-SC4

* Pranab K. Guha

IEEE-PE/NPE-SC4.4

John D. Kueck

IEEE-PE/NPE-SC4.7

John D. Kueck

IEEE-PE/NPE-SC4.8

* Pranab K. Guha

IEEE-PE/NPE-SC5

Robert E. Hall

IEEE-PE/NPE-SC6

* Frederick J. Volpe

IEEE-PE/NPE-SC6.1

Alan C. Udy

IEEE-PE/NPE-SC6.4

Kofi Korsah
John R. Matras

IEEE-PE/NPE-SC7

Robert E. Hall
Terence J. Voss

IEEE-PE/NPE-SC7.1

Terence J. Voss
* Robert M. Waters

IEEE-PE/NPE-SC7.4

Terence J. Voss

IEEE-PE/PSE

Charles D. Hughes

IEEE-PE/PSE-APM-WGPDM

Brian Silverstein

IEEE-PE/PSIM-HVTT

* Danny A. Bradley

IEEE-PE/PSIM-WGDFT

* Pamela C. Odam

IEEE-PE/SPD-3.1

Gerald E. Lee

IEEE-PE/SPD-3.2

Gerald E. Lee

IEEE-PE/SPD-3.3

* Gerald E. Lee

IEEE-PE/SPD-3.3.10

* Gerald E. Lee

IEEE-PE/SPD-3.3.12

* Gerald E. Lee

IEEE-PE/SPD-3.3.8

* Gerald E. Lee

IEEE-PE/SPD-3.4

* Gerald E. Lee

IEEE-PE/SPD-3.4.10

* Gerald E. Lee

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APPENDIX B
NGS Activity and Participating Personnel

IEEE-PE/SPD-3.4.14

* Gerald E. Lee

IEEE-PE/SPD-3.4.15

* Gerald E. Lee

IEEE-PE/SPD-3.4.17

* Gerald E. Lee

IEEE-PE/SPD-3.4.6

* Gerald E. Lee

IEEE-PE/SPD-3.5

* Gerald E. Lee

IEEE-PE/SPD-3.5.5

* Gerald E. Lee

IEEE-PE/SUB

* Leon Kempner

IEEE-PE/SUB-AO

* Duane R. Torgerson

IEEE-PE/SUB-C1

* Dennis L. Carr

IEEE-PE/SUB-C2

* John DiMatteo

IEEE-PE/SUB-C3

* Robert W. Corlew

* Floyd W. Greenway

IEEE-PE/SUB-D2

* Gary M. Ihle

IEEE-PE/SUB-D3

* Gary M. Ihle

IEEE-PE/SUB-E7

* Ruth A. Johnson

IEEE-PE/SUB-I5

* Duane R. Torgerson

IEEE-PE/SUB-K8

Edward V. Olavarria

IEEE-PE/SUB-K9

J. F. Quinata

IEEE-PE/SWG-HVCB

John H. Brunke

IEEE-PE/SWG-HVCB-WGQR

John H. Brunke

* Roger A. Sarkinen

IEEE-PE/SWG-HVCB-WGRS

John H. Brunke

* Roger A. Sarkinen

IEEE-PE/SWG-HVCB-WGSFT

* Roger A. Sarkinen

IEEE-PE/T&D-DCT

* Duane R. Torgerson

IEEE-PE/T&D-DCT-WGC

Duane R. Torgerson

IEEE-PE/T&D-DCT-WGC&P

* Wayne H. Litzenberger

IEEE-PE/T&D-DCT-WGDC&F

Duane R. Torgerson

IEEE-PE/T&D-DCT-WGS

* Duane R. Torgerson

IEEE-PE/T&D-ESMOL

* Henry J. Kientz

IEEE-PE/T&D-ESMOL-WGCNESC

* Henry J. Kientz

IEEE-PE/T&D-ESMOL-WGDSBT

* Henry J. Kientz

IEEE-PE/T&D-ESMOL-WGET

* Henry J. Kientz

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APPENDIX B
NGS Activity and Participating Personnel

IEEE-PE/T&D-ESMOL-WGETTF

* Henry J. Kientz

IEEE-PE/T&D-ESMOL-WGGLLM

* Henry J. Kientz

IEEE-PE/T&D-ESMOL-WGS&R

* Henry J. Kientz

IEEE-PE/T&D-ESMOL-WGWM

* Henry J. Kientz

IEEE-PE/T&D-GS-TFFDE

* Daniel Hamai

IEEE-PE/T&D-GS-WGCAT

* Henry J. Kientz

IEEE-PE/T&D-GS-WGISR

* Jerry L. Reding

IEEE-PE/T&D-GS-WGMAST

* Daniel Hamai

IEEE-PE/T&D-GS-WGTANI

* Oliver Perkins

* Jerry L. Reding

IEEE-PE/T&D-TPC-WGOCT

* Jerry L. Reding

IEEE-PE/T&D-TPC-WGWS

* Karen K. Rowe

IEEE-PE/TR-BU

* Fred E. Elliott

IEEE-PE/TR-BU-WGBAG

* Fred E. Elliott

IEEE-PE/TR-BU-WGDCA

* Fred E. Elliott

IEEE-PE/TR-DT-WGRDT

* Fred E. Elliott

IEEE-PE/TR-HVDC

* Fred E. Elliott

IEEE-PE/TR-IF

* Abel J. Pereira

IEEE-PE/TR-IL

* Fred E. Elliott

IEEE-PE/TR-IL-WGGL

* Fred E. Elliott

IEEE-PE/TR-PC

* Fred E. Elliott

IEEE-SCC21

Ward I. Bower

Jay L. Chamberlin

* Garth P. Corey

* Richard DeBlasio

Thomas D. Hund

David L. King

Alexander B. Maish

Mark E. Ralph

IEEE-SCC28

Thomas F. Budinger

IEEE-SCC29

Jay L. Chamberlin

IEEE-UFFC-FE

J. Thomas Cutchen

Thomas J. Cutchen

IIE-Z94.2

Kenneth K. Humphreys

DOE-TSL-4- 99
APPENDIX B
NGS Activity and Participating Personnel

INMM-N14

* Carl A. Caves
James R. Clark
* Al Colburn
Larry E. Fischer
* Thomas A. Kerr
* William H. Lake
* Robert E. Luna
* Gerald W. May
John J. Oras
Ronald B. Pope
Peter Turula

INMM-N14.1

Joseph H. Alderson
Randall I. Reynolds
* Dana M. Willaford

INMM-N14.2

* Gerald W. May
* Donald J. Nolan

INMM-N14.23

Alan Zimmer

INMM-N14.24

* Edwin L. Wilmot

INMM-N14.26

Ray E. Hahn

INMM-N14.29

* Dana M. Willaford

INMM-N14.30

* Gerald W. May
* Randy M. Walker

INMM-N14.5

Larry E. Fischer
John J. Oras

INMM-N15

* Michele R. Smith

INMM-N15.1

* James C. Crabtree

INMM-N15.5.1

* James C. Crabtree
* Leroy C. Lewis
* Kenneth Lewis

INMM-N15.5.2

* Leroy C. Lewis
* Robert D. Oldham
Ivan R. Thomas

INMM-N15.5.5

* Robert D. Oldham

INMM-N15.8.2

Ivan R. Thomas

IPC

Mike McHenry
Joseph T. Slanina

IPC-9701

Edward G. DiBello

IPC-A-600

* Floyd L. Gentry

IPC-D35X

William F. Spurny

IPC-SC07.31

Arnold D. Andrade

ISA-SP20

* Larry L. Davis

ISA-SP37

Sana Ullah

ISA-SP37.16

Sana Ullah

ISA-SP67.01

* Robert W. Stevens

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APPENDIX B
NGS Activity and Participating Personnel

ISA-SP67.04

William D. Croft
Douglas A. Gantt
Carl L. Sossman

ISA-SP67.06

* Robert W. Stevens

ISA-SP67.15

* Robert W. Stevens

ISA-SP67.16

Carl L. Sossman

ISA-SP77.60

* Robert M. Waters

ISA-SP84

Carl L. Sossman
* Robert W. Stevens
Lawrence T. Suttinger

ISA-SP84.01

Lawrence T. Suttinger

ISA-SP91

Carl L. Sossman

ISA/ISO 10303-AP 221

Charles R. Mastromonico

ISO-SC27-WG3

* Robert A. Tannert

ISO-TC12

Uri Gat

ISO-TC159-SC4

* Robert M. Waters

ISO-TC176

* Gustave E. (Bud) Danielson

ISO-TC184-SC4-WG3

* Jeffrey A. Bradley
Steve L. Brooks
* Noel C. Christensen
Maurice L. Smith

ISO-TC184-SC4-WG5

* John J. Zimmerman

ISO-TC201

Donald R. Baer

ISO-TC201-SC5

Donald R. Baer

ISO-TC205

Jeffrey A. Johnson

ISO-TC207-SC1

George D. Greenly

ISO-TC207-SC2

George D. Greenly

ISO-TC207-SC4

George D. Greenly

ISO-TC85-SC2-WG13

Richard J. Brake
Darrell R. Fisher

ISO-TC85-SC2-WG14

George Campbell
John A. Glissmeyer

ISO-TC85-SC2-WG15

Robert M. Loesch

ISO-TC85-SC2-WG2

Joseph C. McDonald

ISO-TC85-SC2-WG5

Hsiao-Hua Hsu
Robert A. Wynveen

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APPENDIX B
NGS Activity and Participating Personnel

ISO-TC85-SC2-WG7

George Campbell
Ron Stafford

ISO-TC85-SC5

R. M. Westfall

ISO-TC85-SC5-WG10

Larry E. Fischer

ISO-TC85-SC5-WG3

Jere T. Bracey
Michael K. Holland

ISO-TC85-SC5-WG4

* Randall I. Reynolds

ISO-TC85-SC5-WG5

* Jeffrey P. Zebrowski

ISO-TC85-SC5-WG8

Calvin M. Hopper

ISO-TC85-SC5-WG9

Lawrence B. Shappert

ISO/IEC-JTC.1-SC18-WG8

* James D. Mason

ITI-X3

* Lawrence A. Wasson

ITI-X3H2

* Barry D. Vickers

ITI-X3T2

* John K. Sharp

ITI-X3T4-WG3

* Robert A. Tannert

ITI-X3T9

Robert L. Fink
John K. Sharp

ITI-X3V1.8

James D. Mason

NACE T-10

Charles F. Jenkins

NACE T-10A

Charles F. Jenkins

NACE T-2

Narayan J. Thakur

NACE T-2A

Charles F. Jenkins

NACE T-2A-2

Charles F. Jenkins

NACE T-2F-1/T-5-1

Charles F. Jenkins
Narayan J. Thakur

NACE T-3J-7

Charles F. Jenkins

NACE T-3J-8

Charles F. Jenkins

NACE T-5A-30

Charles F. Jenkins

NACE T-5B

Charles F. Jenkins

NACE T-5B-12

Charles F. Jenkins

NACE T-5B-13

Charles F. Jenkins

NACE T-7

Philip R. Vormelker

NACE T-7G

Charles F. Jenkins

NACE T-7H

Philip R. Vormelker

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APPENDIX B
NGS Activity and Participating Personnel

NACE T-7M

Charles F. Jenkins

NACLA-IB

* Richard B. Pettit

NCRP

John W. Baum

Jack D. Cossairt

Norris D. Johnson

NCRP-SC1

Kenneth R. Kase

Thomas S. Tenforde

NCRP-SC1-3

John R. Johnsen

NCRP-SC1-4

Bruce A. Carnes

NCRP-SC24

Eugene P. Cronkite

NCRP-SC30

Robert G. Thomas

NCRP-SC31

Robert G. Thomas

NCRP-SC37

George L. Voelz

NCRP-SC4

R. G. Alsmiller

NCRP-SC43

Ned A. Wogman

NCRP-SC45

Robert A. Wynveen

NCRP-SC46

Kenneth R. Kase

David S. Myers

Ralph H. Thomas

NCRP-SC46-1

Kenneth R. Kase

David S. Myers

Gary T. Warren

NCRP-SC46-10

David S. Myers

NCRP-SC46-4

Curtis L. Graham

Kenneth R. Kase

NCRP-SC46-8

Jack D. Cossairt

Norman D. Rohrig

Ralph H. Thomas

NCRP-SC46-9

Bruce Dionne

NCRP-SC52

R. G. Alsmiller

NCRP-SC53

Harvey A. Ragan

NCRP-SC56

Keith F. Eckerman

NCRP-SC57

John R. Johnsen

Richard W. Leggett

NCRP-SC57-12

Harvey A. Ragan

NCRP-SC57-13

Maryka H. Bhattacharyya

NCRP-SC57-15

James S. Bogard

John R. Johnsen

NCRP-SC57-16

Keith F. Eckerman

Richard W. Leggett

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APPENDIX B
NGS Activity and Participating Personnel

NCRP-SC61

Anthony V. Nero

NCRP-SC63-3

Kathy S. Gant
George L. Voelz

NCRP-SC64

Richard Jaquish

NCRP-SC64-17

Richard O. Gilbert
Ron Whitfield

NCRP-SC64-18

William Inkret
William L. Robison
George L. Voelz

NCRP-SC64-2

William L. Robison

NCRP-SC64-22

John A. Glissmeyer

NCRP-SC64-3

J. G. Droppo

NCRP-SC64-5

Keith F. Eckerman

NCRP-SC71

George L. Voelz

NCRP-SC75

Eleanor A. Blakely

NCRP-SC83

Amy Kronenberg
Robert A. Schlenker

NCRP-SC84

Lynn R. Anspaugh
Keith F. Eckerman

NCRP-SC84-1

Harold T. Peterson
Joseph H. Shinn

NCRP-SC86

John W. Baum

NCRP-SC87-2

David C. Kocher

NCRP-SC87-3

David C. Kocher
Terrence Sullivan

NCRP-SC87-4

Charles D. Massey

NCRP-SC89

Thomas S. Tenforde

NCRP-SC89-1

Thomas S. Tenforde

NCRP-SC89-3

Larry E. Anderson
* Marvin E. Frazier
Kenneth Groh
James E. Morris
Richard G. Stevens

NCSL-140

* Richard B. Pettit

NCSL-ID

Thomas F. Wunsch

NCSL-PC-O

Stuart L. Kupferman

NCSL-Z540

Leon M. Barnes
Jim Bowman
* Dale Dunsworth
* Jackie T. Hill
* James M. Simons

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APPENDIX B
NGS Activity and Participating Personnel

NEMA-C29

* Oliver Perkins
* Jerry L. Reding

NEMA-C57

* Duane R. Torgerson

NEMA-C62

* Gerald E. Lee

NEMA-C93

Stan Friskney
* Charles S. Miller

NFPA-AIC-AAA

James W. Naylor

NFPA-AUT-HBS

Janak B. Patel

NFPA-CHE-AAA

Stephen G. Leeds
Andrew G. Minister

NFPA-CLR-AAA

* Carl A. Caves

NFPA-CMD-AAA

Tom Christman

NFPA-COD-AAA

Stephen G. Leeds

NFPA-EAC

James Priest

NFPA-EEW-AAA

C. B. Drennan

NFPA-ELT-AAA

* Carl A. Caves
Stephen G. Leeds

NFPA-EME-AAA

Ford W. Burgess
Charles D. Hughes

NFPA-ESR-AAA

John A. Sharry

NFPA-FAE-AAC

James S. Johnson

NFPA-FAE-RPA

Don Beason
James S. Johnson

NFPA-FAE-SSF

Don Beason
James S. Johnson

NFPA-FDW-AAA

Robert D. Lichfield

NFPA-FIP-AAA

Charles L. Girard
Raymond N. Tell
William B. Till
Michael J. Vitacco

NFPA-FIQ-AAA

John R. Bell
Jeffrey L. Robinson

NFPA-FIU-AAA

Don N. Whittaker

NFPA-FIW-AAA

James N. Jones

NFPA-FIX-AAA

John A. Sharry

NFPA-FRU-AAA

Randall K. Bradley

NFPA-HAL-AAA

Ken C. Phillips

NFPA-HAO-AAA

* William A. Froh

NFPA-HAP-AAA

Charles L. Girard

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NGS Activity and Participating Personnel

NFPA-IMG-AAA

* Carl A. Caves

NFPA-INM-AAA

John F. Saidi

NFPA-LFP-AAA

Jesse D. Lum

NFPA-LPI-AAA

Richard F. Krajewski

NFPA-NEC-P01

Donald H. McCullough, II

NFPA-NEC-P03

Ward I. Bower

NFPA-NEC-P09

Charles D. Hughes

NFPA-NEC-P18

Steven A. Larson

NFPA-NFA-AAC

Robert T. McGinnis

NFPA-NFA-FUN

* James G. Bisker
Mark Dumais

NFPA-NFA-PRO

* James G. Bisker
Mark Dumais

NFPA-NFA-TMS

Jeffrey L. Robinson

NFPA-PIP-AAA

Don N. Whittaker

NFPA-PQU-PST

Anna M. Carter

NFPA-PUF-AAA

Lawrence M. Stoddard

NFPA-SAF-AAC

John A. Sharry

NFPA-SAF-AXM

John A. Sharry

NFPA-SAF-IND

Howard M. Bucci
Robert L. Smith

NFPA-SC

John A. Sharry

NFPA-TAN-AAA

James W. Naylor

NFPA-WAM-AAA

* James G. Bisker
* William A. Froh
Stephen G. Leeds

NHA

D. Allen Coutts

NIRMA-BD

* R. S. Scott

NIRMA-DC

* R. S. Scott

NIRMA-FPC

* R. S. Scott

NSC-A10.9

* Patrick F. Finn
* Roy Gibbs

RIA-R15

* William D. Drotning

RIA-R15.06

* William D. Drotning

SAE-EV-BS

* James E. Francfort
* Gary L. Hunt

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APPENDIX B
NGS Activity and Participating Personnel

SAE-EV-CC

* Gary L. Hunt

SAE-G11-SC

David E. Peercy

SAE-G8

John A. Emerson

SAE-G9

John A. Emerson

SES

Donald J. Spellman

SFPE

* Dennis J. Kubicki

SIA-C/CS

Basil J. Steele

SIA-GS

Basil J. Steele

SIA-PIR

Basil J. Steele

SIA-PIS

Basil J. Steele

SPRI-TC-INSUL

Andre' O. Desjarlais

UL-BP

* Charles E. Meyers

WRC-PVRC

C. David Cowfer

WRC-PVRC-DSC

George A. Antaki

WRC-PVRC-P&N

George A. Antaki

WRC-WP

* Jeff J. Fluckiger

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NGS Activity and Participating Personnel

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APPENDIX C
NGS Activity

ACI	American Concrete Institute
ACI-121	Quality Assurance Systems for Concrete
ACI-123	Research
ACI-126	Concrete Materials Property Database
ACI-214	Evaluation of Results of Tests Used to Determine the Strength of Concrete
ACI-227	Radioactive and Hazardous Waste Management
ACI-301	Specifications for Concrete
ACI-307	Concrete Chimneys
ACI-311	Inspection of Concrete
ACI-336	Combined Footings and Pier Foundations
ACI-349	Concrete Nuclear Structures
ACI-349-2	Design
ACI-349-4	Waste Repository Structures
ACI-355	Anchorage to Concrete
ACI-359	Concrete Components for Nuclear Reactors - Joint ACI/ASME
ACI-359-SGMCE	Subgroup on Materials, Construction, and Examination
ACI-365	Service Life Prediction
ACI-370	Short Duration Dynamic and Vibratory Load Effects
ACI-421	Design of Reinforced Concrete Slabs - Joint ACI/ASCE
ACI-446	Fracture Mechanics
ACI-506	Shotcreting
ACI-544	Fiber Reinforced Concrete
ACI-548	Polymers in Concrete
ACI-548B	Polymer Concrete Overlays
ACI-548E	Structural Design & Analysis of Polymer Concrete
ACI-552	Geotechnical Cement Grouting
ACI-TAC-Const.	Construction Review Committee
AGS	American Glovebox Society
AGS-S&G	Standards and Guidelines
AGS-S&G-FAB	Fabrication
AIAA	American Institute of Aeronautics and Astronautics

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NGS Activity

AIAA-ASG	Aerospace Sciences Group
AIAA-ASG-CFD	Computational Fluid Dynamics Subcommittee
AIAA-STC	Standards Technical Council
AICHE	American Institute of Chemical Engineers
AICHE-CCPS-TMS	Technical Management Subcommittee
AIHA	American Industrial Hygiene Association
AIHA-C&TMC	Communications and Training Methods Committee
AIHA-IRP	Ionizing Radiation Committee
AIHA-RPC	Respiratory Protection Committee
AIIM	Association for Information and Image Management
AIIM-C9	Image Encoding Techniques
AIIM-C23	Micrographics Technologies
AISC	American Institute of Steel Construction
AISC-TC14	Nuclear Power Plant Design
ANS	American Nuclear Society
ANS TJC	Technical Journals Committee
ANS-1	Performance of Critical Experiments
ANS-2	Site Evaluation
ANS-3.2	Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants
ANS-5	Energy and Fission Product Release
ANS-6	Radiation Protection and Shielding
ANS-6.1.2	Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants
ANS-6.4	Guidelines on the Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants
ANS-8	Fissionable Material Outside Reactors
ANS-8.1	Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors
ANS-8.3	Criticality Accident Alarm Systems
ANS-8.7	Guide for Nuclear Criticality Safety in the Storage of Fissile Materials
ANS-8.14	Use of Solutions of Neutron Absorbers for Criticality Control
ANS-8.20	Nuclear Criticality Safety Training

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ANS-8.21	Use of Fixed Neutron Absorbers in the Design of Nuclear Facilities Outside Reactors
ANS-8.22	Nuclear Criticality Safety Based on Limited and Controlled Moderation
ANS-8.23	Criticality Accident Emergency Planning & Response
ANS-8.25	Posting Standard
ANS-10	Mathematics and Computation
ANS-10.4	Guidelines for the Verification and Validation of Scientific and Engineering Computer Programs for the Nuclear Industry
ANS-15.1	Technical Specifications
ANS-15.4	Selection/Training of Personnel
ANS-15.8	Quality Assurance Program Requirements for Research Reactors
ANS-15.10	Decommissioning
ANS-15.11	Radiological Control at Research Reactor Facilities
ANS-15.16	Emergency Planning for Research Reactors
ANS-15.19	Shipment and Receipt of Special Nuclear Material (SNM) by Research Reactors
ANS-16.1	Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure
ANS-19	Physics of Reactor Design
ANS-19.1	Nuclear Data Sets for Reactor Design Calculations
ANS-41	Environmental Remediation of Radioactively Contaminated Sites
ANS-41.2	Criteria for Remote Sensing Techniques for Site Characterization in Environmental Remediation
ANS-41.4	Analytical Methods for In Situ Gamma Ray Emitter in Soil
ANS-56.11	Criteria for Protection Against the Effects of Compartment Flooding in Light Water Reactors
ANS-58.8	Time Response Design Criteria for Nuclear Safety Related Operator Actions
ANS-N16	Nuclear Criticality Safety
ANS-N17	Research Reactors, Reactor Physics, Radiation Shielding and Computational Methods
ANS-N48	Radioactive Waste Management
ANS-NUPPSCO	Nuclear Power Plant Standards Committee

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NGS Activity

ANSI	American National Standards Institute [note: unlike other NGS activities in this appendix, a broad spectrum of ANSI-approved standards development activities (including those with no recorded DOE participation) is listed below.]
ANSI-A10	Safety Requirements for Construction and Demolition Operations (NSC)
ANSI-A14	Safety in the Design, Construction, Testing, Selection, Care & Use of Ladders (ASSE)
ANSI-A40	Safety Requirements for Plumbing (MCAA/NAPHCC)
ANSI-A92	Mobile Scaffolds, Towers and Platforms (SIA)
ANSI-A108	Installation of Ceramic Tile (TCA)
ANSI-A115	Installation Standards for Builders' Hardware for Architectural Doors and Frames (D&HI)
ANSI-A117	Architectural Features and Site Design of Public Buildings and Residential Structures for Persons with Handicaps (CABO)
ANSI-A119	Standards for Mobile Homes and Travel Trailers (RVIA)
ANSI-A120	Safety Requirements for Powered Platforms for Buildings Maintenance (BOMA)
ANSI-A250	Standard Steel Doors and Frames (SDI)
ANSI-A300	Standard Practices for Shade Tree Maintenance (NAA)
ANSI-A1264	Safety Standards for Floor and Wall Openings, Railings, and Toeboards and Fixed General Industrial Stairs (ASSE)
ANSI-AC	Accreditation Committee
ANSI-AC-IC	International Certification
ANSI-B3	Ball and Roller Bearings (AFBMA)
ANSI-B6	Standardization of Tooth Gearing, Industrial Gear Transmission and Flexible Couplings (AGMA)
ANSI-B7	Safety Requirements for the Use and Protection of Grinding Wheels (GWI)
ANSI-B11	Safety Requirements for Machine Tools (AMT)
ANSI-B24	Safety Standards for Forging and Hot Metal Forming (FIA)
ANSI-B65	Safety Specifications for Controls and Signaling Devices for Printing Presses (ASPP)
ANSI-B74	Abrasives (GWI)
ANSI-B77	Aerial Passenger Tramways (USIA)
ANSI-B87	Decimalized Measure (SME)

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ANSI-B93	Fluid Power Systems and Products (NFPA)
ANSI-B109	Gas Displacement Meters (AGA)
ANSI-B175	Safety of Portable Gasoline-Powered Chainsaws and Leaf Blowers (PPEMA)
ANSI-B211	Surface Integrity (SME)
ANSI-B212	Cemented Carbides (CCPA)
ANSI-B215	Pumps (HI)
ANSI-BD	Board of Directors
ANSI-C2	National Electrical Safety Code (IEEE)
ANSI-C8	Insulated Wires and Cables (NEMA)
ANSI-C9	Magnet Wire (NEMA)
ANSI-C12	Electricity Metering (IEEE)
ANSI-C18	Specifications for Dry Cells and Batteries (NEMA)
ANSI-C19	Industrial Control Apparatus (NEMA)
ANSI-C29	Insulations for Electric Power Lines Apparatus (NEMA)
ANSI-C34	Static Power Converting Equipment (NEMA)
ANSI-C37	Power Switchgear (NEMA)
ANSI-C50	Rotating Electrical Machinery (NEMA)
ANSI-C55	Standards for Capacitors (NEMA)
ANSI-C57	Transformers, Regulators and Reactors (NEMA)
ANSI-C62	Surge Arresters (NEMA)
ANSI-C63	Electromagnetic Compatibility (IEEE)
ANSI-C64	Brushes for Electrical Machines (NEMA)
ANSI-C73	Attachment Plugs and Receptacles (NEMA)
ANSI-C78	Electric Lamps (NEMA)
ANSI-C79	Nomenclature for Glass Bulbs and Molded Glass Flares for Electric Lamps (NEMA)
ANSI-C80	Raceways for Electrical Wiring Systems (NEMA)
ANSI-C81	Electric Lamp Bases and Holders (NEMA)
ANSI-C82	Lamp Ballasts (NEMA)
ANSI-C84	Preferred Voltage Rating for AC Systems (NEMA)
ANSI-C87	Arc Welding Machines (NEMA)

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ANSI-C89	Specialty Transformers (NEMA)
ANSI-C92	Insulation Coordination (IEEE)
ANSI-C93	Pole Line Carrier Equipment and Coupling Capacitor Voltage Transformers (NEMA)
ANSI-C97	Low Voltage Fuses, 600 Volts or Less (NEMA)
ANSI-C101	Leakage Current for Electrical Appliances (UL)
ANSI-C119	Connectors for Electric Utility Applications (NEMA)
ANSI-C136	Roadway Lighting Equipment (NEMA)
ANSI-CA	Committee for Conformity Assessment
ANSI-CGATS	Committee for Graphic Arts Technologies Standards (ASPPT)
ANSI-D15	Method of Recording and Measuring Motor Vehicle Fleet and Passenger Accident Experience (NSC)
ANSI-D18	Training of Automotive Mechanics (NSC)
ANSI-E&T	Committee on Education and Training
ANSI-ESC	Executive Standards Council
ANSI-GMC	Government Member Council
ANSI-H35	Aluminum and Aluminum Alloys (AA)
ANSI-IT8	Specifications for the Exchange of Digital Data Between Electronic Pre-press Systems and their Respective Components (ASPPT)
ANSI-K61	Storage and Handling of Anhydrous Ammonia (CGA)
ANSI-K62	Common Names for Pest Control Chemicals (ARC)
ANSI-L1	Textile Safety Standards (NSC)
ANSI-M11	Wire Rope for Mines (WRTB)
ANSI-MD156	Dental Materials, Instruments and Equipment (ADA)
ANSI-MH2	Metal Drums and Pails (SSCI)
ANSI-N13	External Dosimetry
ANSI-N13.1	Health Physics Society Standards Committee
ANSI-N13.35	Bottle-Manikin Absorption Phantom
ANSI-N13.49	Performance and Documentation of Ionizing Radiation Surveys
ANSI-N14	Packaging and Transport of Radioactive and Non-Nuclear Hazardous Materials (INMM)
ANSI-N14.2	Truck Tiedowns

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NGS Activity**

ANSI-N14.32	Gas Generation in Packaging Used for the Storage and Transport of Radioactive Materials
ANSI-N15	Methods of Nuclear Material Control (INMM)
ANSI-N42	Nuclear Instruments (IEEE)
ANSI-N43	Equipment for Non-Medical Radiation Applications (HPS)
ANSI-N43.4	Accelerator Writing Group
ANSI-N44	Equipment and Material for Medical Radiation Application
ANSI-N45	Steering Committee for ANSI Standards
ANSI-N323C	Radiation Protection Instrumentation Test and Calibration – Air Monitoring Instruments
ANSI-NSB	Nuclear Standards Board
ANSI-NSB-OC	Operations Committee
ANSI-NSB-PLANCO	Planning Committee
ANSI-NTAG	Nuclear Technical Advisory Board
ANSI-O1	Safety Requirements for Woodworking Machinery (WMMA)
ANSI-O5	Wood Poles and Other Wood Products (ECSA)
ANSI-P100	Warning Labels and Performance Standards for Paddlesports Equipment (NAPA)
ANSI-S1	Acoustics (ASA)
ANSI-S2	Mechanical Vibration and Shock (ASA)
ANSI-S3	Bioacoustics (ASA)
ANSI-S4	Audio Engineering (AES)
ANSI-S12	Noise (ASA)
ANSI-SDSC	Standards and Data Services Committee
ANSI-SDSC-DC	Development Committee
ANSI-T1	Telecommunications (ECSA)
ANSI-USNC-IEC	US National Committee of IEC
ANSI-USNC-IEC-TC25	U.S. TAG for International Electro-Technical Vocabulary
ANSI-USNC-IEC-TC85	Electrical & Electronic Measuring Instruments
ANSI-USNC-ISO-TAG4-WG3	Uncertainty
ANSI-X3	Information Systems (ITI)
ANSI-X9	Financial Services (ABA)
ANSI-X12	Electronic Business Interchange (DISA)

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ANSI-Z1	Quality Assurance (ASQ)
ANSI-Z9	Safety Standard for Exhaust Systems (AIHA)
ANSI-Z16	Standardization of Methods of Recording and Compiling Accident Statistics (NSC)
ANSI-Z21	Performance and Installation of Gas-Burning Appliances and Related Accessories (AGA)
ANSI-Z34	Principles Underlying Valid Certification and Labeling of Products and Services (ACIL)
ANSI-Z41	Performance Requirements for Protective Occupational Footwear (NSC)
ANSI-Z49	Safety Welding and Cutting (AWS)
ANSI-Z50	Safety Requirements for Bakery Equipment
ANSI-Z61	Home Kitchen Utensils (AHEA)
ANSI-Z80	Ophthalmic Standards (OLA)
ANSI-Z83	Industrial Gas Equipment Installation and Utilization (AGA)
ANSI-Z86	Underwater Safety (DEMA)
ANSI-Z87	Safety Standards for Eye Protection (ASSE)
ANSI-Z88	Safety Standards for Respiratory Protection (LLNL)
ANSI-Z88.2	Respiratory Protection
ANSI-Z89	Safety Standard for Industrial Head Protection (DU)
ANSI-Z90	Vehicular Head Protection (SMF)
ANSI-Z94	Industrial Engineering Technology (IIE)
ANSI-Z97	Safety Requirements for Architectural Glazing Material (SGCC)
ANSI-Z117	Confined Space (ASSE)
ANSI-Z124	Synthetic Organic Materials in Plumbing Fixtures (IAPMO)
ANSI-Z133	Safety in Tree Trimming Operations (ISAr)
ANSI-Z136	Safe Use of Lasers (LIA)
ANSI-Z223	National Fuel Gas Code (AGA)
ANSI-Z244	Lockout Protection (NSC)
ANSI-Z245	Refuse Collection, Processing and Disposal (NSWMA)
ANSI-Z359	Fall Protection (ASSE)
ANSI-Z365	Committee for the Control of Cumulative Trauma Disorders (NSC)
ANSI-Z375	Diving Instructional Standards and Safety (RSTC)

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ANSI-Z380	Gas Piping Technology (AGA)
ANSI-Z390	Hydrogen Sulfide Safety Training (ASSE)
ANSI-Z535	Safety Signs and Colors (NEMA)
ASA	Acoustical Society of America
ASA-S1.WG22	Cavitation Detection and Monitoring
ASCE	American Society of Civil Engineers
ASCE-1020	Nuclear Standards Committee of the Lifelines Standards Council
ASCE-EY-NE	Nuclear Energy
ASCE-SS-CA&RB-SRB	Seismic Rehabilitation of Buildings Subcommittee
ASCE-SS-DSTPS	Design of Steel Transmission Pole Structures Standards Committee
ASCE-SS-DSTPS-OL	Overhead Lines—Clearances
ASCE-SS-DSTT	Design of Steel Transmission Towers Standards Committee
ASCE-ST-DE-DANS	Dynamic Analysis of Nuclear Structures Committee
ASCE-ST-DE-DANS-SC486	Subcommittee on Standard 4-86 (Base Isolation)
ASCE-ST-SDI-ETS-SCDSS	Subcommittee on Design of Substation Structures
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
ASHRAE-EHC	Environmental Health Committee
ASHRAE-SC	Standards Committee
ASHRAE-SPC090.2P	Energy Efficient Design of New Low-Rise Residential Buildings
ASHRAE-SPC100P	Energy Conservation in Existing Buildings
ASHRAE-SPC116-83R	Methods of Testing for Seasonal Efficiency of Unitary A/C and Heat Pumps
ASHRAE-SPC129P	Standard Method of Measuring Air Change Effectiveness
ASHRAE-SPC139P	MOT for Rating Dehumidifiers Utilizing Desiccants and a Regenerative Process
ASHRAE-SPC140P	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs
ASHRAE-SPC142P	Standard Method for Determining and Expressing Fenestration Heat Transfer
ASHRAE-SPC145P	Test Method for Assessing the Performance of Gas Phase Air Cleaning Equipment
ASHRAE-SPC146P	Methods of Testing for Rating Pool and Spa Heaters

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ASHRAE-SPC147P	Reducing Emission of Halogenated Refrigerants in Refrigeration and Air-Conditioning Equipment and Systems
ASHRAE-SPC152P	A Standard MOT for Determining Steady-State and Seasonal Efficiency of Residential Thermal Distribution Systems
ASHRAE-SSPC62	Ventilation for Acceptable Indoor Air Quality
ASHRAE-SSPC90.1	Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings
ASHRAE-TC1.2	Instruments and Measurements
ASHRAE-TC4.3	Ventilation Requirements and Infiltration
ASHRAE-TC4.7	Energy Calculations
ASHRAE-TC5.8	Industrial Ventilation
ASHRAE-TC6.3	Central Forced Air Heating and Cooling Systems
ASHRAE-TC6.3-JTC103	Methods of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers
ASHRAE-TC6.3-JTC107	Industrial Standard for HVAC-HEPA Filter
ASHRAE-TC6.4	In-Space Convective Heating
ASHRAE-TC6.5-JTC146P	Methods for Testing for Rating Pool and Spa Heaters
ASHRAE-TC6.6	Service Water Heating
ASHRAE-TC6.7	Solar Energy Utilization
ASHRAE-TC7.6	Unitary Air Conditioners and Heat Pumps
ASHRAE-TC9.2	Industrial Air Conditioning
ASHRAE-TC9.10	Laboratory Systems
ASME	American Society of Mechanical Engineers
ASME-C12065400	Technical Committee 52 - Machining Centers (B5)
ASME-C36000000	B89 Dimensional Metrology
ASME-C36062300	Working Group 2.2 - Small Angle Measurement
ASME-C36080200	Working Group 3.1 - Roundness
ASME-C36080800	Working Group 3.4 - Axes of Rotation (SC3/B89)
ASME-C36100000	Subcommittee 4 - Coordinate Measuring Technology (B89)
ASME-C36101000	Working Group 4.10 - Software Evaluation (SC4/B89)
ASME-C36101300	Working Group 4.13 - Interim Testing of CMMS (SC4/B89)
ASME-C36101700	Working Group 4.17 - Vibration Analysis of CMM Sites (SC4/B89)
ASME-C36102000	Working Group 4.20 - Artifacts Traceability (SC4/B89)

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ASME-C36120000	Subcommittee 6 - Environment (B89)
ASME-C36120300	Working Group 6.1 - Vibration
ASME-C36120400	Working Group 6.2 - Temperature and Humidity (SC6/B89)
ASME-C38060800	Technical Committee 4 - Tool Life Testing with Single Point Tools (B94)
ASME-C46020400	Subcommittee 2 - Fuels and Emissions (B133)
ASME-C64000000	Y14 Engineering Drawing and Related Documentation Practices
ASME-C64000200	Y14 Executive Advisory Planning Team (Y14)
ASME-C64020000	Drawing Practices - TAG/ISO/TC10 (Y14)
ASME-C64020500	TAG/ISO/TC10/SC5 - Dimensioning and Tolerancing (Y14)
ASME-C64041000	Subcommittee 5 - Dimensioning and Tolerancing (Y14)
ASME-C64041100	Subcommittee 5.1 - Mathematical Definition of Y14.5 Dimensioning and Tolerancing Principles (Y14)
ASME-C64046000	Subcommittee 100 - Government/Industry Drawing Practices (Y14)
ASME-HEC	Heat Exchanger Committee
ASME-IOC	Industrial Operations Committee
ASME-L01040000	A39 Safety Requirements for Window Cleaning
ASME-L01090000	B19 Safety Standards for Compressor Systems
ASME-L01201100	Subcommittee B30.11 - Monorails and Underhung Cranes
ASME-L02600000	Advisory Committee on Environmental Management
ASME-N10010000	Pressure Technology Post Construction
ASME-N10010200	Inspection Planning
ASME-N10020000	B31 Code for Pressure Piping Main Committee
ASME-N10020400	B31.3 Chemical Plant and Petroleum Refinery Piping Section Committee
ASME-N10021500	B31 Mechanical Design Technical Committee
ASME-N10106000	Subcommittee on Hazardous Release Protection - Section 6000 (HPS)
ASME-N20000000	The Boiler and Pressure Vessel Main Committee
ASME-N20060000	Subcommittee on Materials (SC II)
ASME-N20060600	Subgroup on Strength of Weldments (SC II) (SC IX)
ASME-N20060700	Subgroup on Toughness (SC II)
ASME-N20070000	Subcommittee on Nuclear Power (SC III)

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ASME-N20070100	Subgroup on General Requirements (SC III & 3C)
ASME-N20070200	Subgroup on Materials, Fabrication and Examination (SC III)
ASME-N20070300	Subgroup on Design (SC III)
ASME-N20070310	Special Working Group on Dynamic Analysis (SG-D) (SC III)
ASME-N20070317	Special Working Group on Environmental Effects
ASME-N20070320	Working Group on Vessels (SG-D) (SC III)
ASME-N20070325	Working Group on Piping (SG-D) (SC III)
ASME-N20070360	Working Group on Administration (SG-D) (SC-III)
ASME-N20070600	Subgroup on Elevated Temperature Construction (SC III)
ASME-N20070700	Subgroup on Containment Systems for Spent Fuel and High Level Waste Transport Packagings (SC III)
ASME-N20070720	Working Group on Material (SG-NUPACK) (SC III)
ASME-N20070730	Working Group on Design (SG-NUPACK) (SC III)
ASME-N20070740	Working Group on Fabrication and Examination (SG NUPACK) (SC III)
ASME-N20080000	Joint ACI-ASME Committee on Concrete Components for Nuclear Service (SC-3C)
ASME-N20080100	Subgroup on Materials, Construction, and Examination (SC-3C)
ASME-N20080200	Subgroup on Design (SC-3C)
ASME-N20100300	Subgroup on Ultrasonics (SC V)
ASME-N20100600	Subgroup on General Requirements & Surface Examination (SC V)
ASME-N20110004	Special Working Group on High Pressure Vessels (SC VIII)
ASME-N20120100	Subgroup on Materials (SC IX)
ASME-N20120200	Subgroup on General Requirements (SC IX)
ASME-N20120500	Subgroup on Brazing (SC IX)
ASME-N20140000	Subcommittee on Nuclear Inservice Inspection (SC XI)
ASME-N20140010	Special Working Group on Plant Life Extension (SC XI)
ASME-N20140200	Subgroup on Water-Cooled Systems (SC XI)
ASME-N20140235	Special Working Group on Low Temperature Heavy Water Reactors (SC WCS) (SC XI)
ASME-N20140240	Working Group on Pressure Testing (SG-WCS) (SC XI)
ASME-N20140250	Working Group on Implementation of Risk Based Examination (SG-WCS) (SC XI)

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NGS Activity**

ASME-N20140260	Working Group on Concrete Containment
ASME-N20140400	Subgroup on Liquid-Metal Cooled Systems (SC XI)
ASME-N20140605	Working Group on Operating Plant Criteria (SG-ES) (SC XI)
ASME-N20140625	Working Group on Flaw Evaluation (SG-ES) (SC XI)
ASME-N20140700	Subgroup on Nondestructive Examination (SC XI)
ASME-N20140701	Working Group on Procedure Qualification and Volumetric Examination (SG-NDE) (SC XI)
ASME-N20160000	Subcommittee on Safety Valve Requirements (SC-SVR)
ASME-N20190000	Subcommittee on Design (SC-D)
ASME-N20190400	Subgroup on Elevated Temperature Design (SC-D)
ASME-N20190500	Subgroup on Fatigue Strength (SC-D)
ASME-O10000000	Board on Nuclear Codes and Standards
ASME-O10200000	Main Committee of Committee on Nuclear Air and Gas Treatment Equipment
ASME-O10230100	Subcommittee on Ventilation Air Cleaning Equipment
ASME-O10230120	Subgroup on HEPA Filters
ASME-O10230130	Subgroup on Medium Efficiency Filters
ASME-O10240000	Subcommittee on Gas Process Treatment Equipment
ASME-O10250000	Subcommittee on Common Equipment
ASME-O10252000	Subgroup on Ductwork
ASME-O10252500	Subgroup on Housing
ASME-O10254000	Subgroup on Instrumentation and Control
ASME-O10271000	Subgroup on General Requirements
ASME-O10272000	Subgroup on Structural Design
ASME-O10280000	Subcommittee on Field Testing Procedure
ASME-O10280120	Subgroup on Field Testing Procedure of Nuclear Air Treatment Systems
ASME-O10292000	Subgroup on Technology
ASME-O10300000	Main Committee of Committee on Operation and Maintenance of Nuclear Power Plants
ASME-O10322000	Subgroup on Reactor Internals and Heat Exchangers
ASME-O10331000	Subgroup on Mechanical Equipment
ASME-O10331110	Working Group on Pumps

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ASME-O10332050	Working Group on Emergency Core Cooling System
ASME-O10332200	Working Group on Pumps and Valves
ASME-O10332400	Working Group on Motor Operated Valves
ASME-O10332500	Working Group on Hydraulically Operated Valves
ASME-O10332700	Working Group on Check Valves
ASME-O10500000	Main Committee of Committee on Nuclear Quality Assurance
ASME-O10520000	Executive Committee on Nuclear Quality Assurance
ASME-O10530000	Subcommittee on Standards Coordinating
ASME-O10532000	Working Group on Standards Interface
ASME-O10540000	Subcommittee on Programmatic Activities
ASME-O10541000	Working Group on General Requirements
ASME-O10543000	Working Group on Design and Procurement
ASME-O10545000	Working Group on Document Control and Records Management
ASME-O10546000	Working Group on Quality Assurance Requirements for Research and Development
ASME-O10552000	Subcommittee on Work Processes
ASME-O10555000	Subcommittee on Applications
ASME-O10560000	Subcommittee on Work Practices
ASME-O10561000	Working Group on Work Practices
ASME-O10562000	Working Group on Computer Software
ASME-O10580000	Subcommittee on Operations
ASME-O10581000	Working Group on Operations
ASME-O10586000	Working Group on Decommissioning
ASME-O10590000	Subcommittee on Nuclear Waste Management
ASME-O10592000	Working Group on High Level Waste
ASME-O10600000	Main Committee of Committee on Cranes for Nuclear Facilities
ASME-O10670000	Subcommittee on Nuclear Underhung and Monorail Cranes
ASME-O10680000	Subcommittee on Nuclear Overhead and Gantry Cranes
ASME-O10800000	Committee on Qualification of Mechanical Equipment Used in Nuclear Power Plants
ASME-O10820000	Subcommittee on Qualification of Pump Assemblies
ASME-O10830000	Subcommittee on Qualification of Valve Assemblies

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ASME-O10830100	Working Group on Valve Qualification Methodology
ASME-P01140000	PTC 8.2 Centrifugal Pumps
ASME-P01180000	PTC 12.1 Feedwater Heaters
ASME-P01240115	PTC 19.1 Test Uncertainty
ASME-P01610000	PTC 47
ASNT	The American Society for Nondestructive Testing
ASNT-NCB	National Certification Board
ASQ	American Society for Quality
ASQ-E&E	Energy and Environmental Division
ASQ-E&E-EWM-ER	Environmental Restoration
ASQ-E&E-EWM-WO	Waste Operations
ASQ-E&E-S&A	Sampling and Analysis Committee
ASQ-QA	Quality Audit Division
ASQ-TC176	Technical Advisory Group on Quality Management and Quality Assurance
ASSE	American Society of Safety Engineers
ASSE-Z117.1	Confined Spaces
ASTM	American Society for Testing and Materials
ASTM-A01	Committee on Steel, Stainless Steel, and Related Alloys
ASTM-A01.02	Structural Steel for Bridges, Buildings, Rolling Stock, and Ships
ASTM-A01.08	Wrought Stainless Steel Products
ASTM-A01.10	Steel Tubing
ASTM-A01.11	Steel Plates for Boilers and Pressure Vessels
ASTM-A01.14	Methods of Corrosion Testing
ASTM-A01.17	Flat Stainless Steel Products
ASTM-A01.22	Valves, Fittings, Bolting, and Flanges for High Subatmospheric Temperatures
ASTM-A01.95	USA Committee for International Standardization for Steel
ASTM-B01	Committee on Electrical Conductors
ASTM-B01.01	Editorial and Records
ASTM-B01.02	Methods of Testing and Sampling Procedure
ASTM-B01.04	Conductors of Copper and Copper Alloys

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ASTM-B01.06	Composite Conductors
ASTM-B01.07	Conductors of Light Metals
ASTM-C05	Committee on Manufactured Carbon and Graphite Products
ASTM-C05.02	Nomenclature
ASTM-C05.05	Nuclear Applications
ASTM-C09.20	Normal Weight Aggregates
ASTM-C09.41	Concrete for Radiation Shielding
ASTM-C09.60	Fresh Concrete Testing
ASTM-C09.92	International Activities
ASTM-C14	Committee on Glass and Glass Products
ASTM-C14.01	Nomenclature and Definitions
ASTM-C15.02	Clay Brick and Structural Clay Tile
ASTM-C15.04	Research
ASTM-C15.05	Masonry Assemblies
ASTM-C15.06	Roofing Tile
ASTM-C16.21	Reflective Insulation
ASTM-C16.22	Organic and Nonhomogeneous Inorganic Thermal Insulations
ASTM-C16.23	Blanket and Loose Fill Insulation
ASTM-C16.30	Thermal Measurement
ASTM-C16.32	Mechanical Properties
ASTM-C16.90	Executive Board
ASTM-C16.92	Planning
ASTM-C16.95	Editorial
ASTM-C16.96	Technology Transfer-Technical Meeting
ASTM-C16.97	Research
ASTM-C26	Committee on Nuclear Fuel Cycle
ASTM-C26.01	Editorial and Terminology
ASTM-C26.02	Fuel and Fertile Material Specifications
ASTM-C26.05	Methods of Test
ASTM-C26.05.01	Environmental Methods
ASTM-C26.05.02	Plutonium Working Group
ASTM-C26.05.03	Plasma Spectroscopy

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ASTM-C26.05.04	Uranium Working Group
ASTM-C26.06	Statistical Applications
ASTM-C26.07	Waste Materials
ASTM-C26.08	Quality Assurance Applications
ASTM-C26.09	Nuclear Processing
ASTM-C26.10	Non-Destructive Assay
ASTM-C26.11	Reference Materials and Calibration Methodologies
ASTM-C26.12	Safeguard Applications
ASTM-C26.13	Repository Waste Package Materials Testing
ASTM-C26.91	Long Range Planning
ASTM-C28.01	Properties and Performance
ASTM-C28.02	Design and Evaluation
ASTM-C28.05	Processing and Characterization
ASTM-C28.07	Ceramic Matrix Composites
ASTM-C28.93	Awards
ASTM-D02.02	Joint ASTM-API Committee on Static Petroleum Measurement
ASTM-D02.04	Hydrocarbon Analysis
ASTM-D02.08	Volatility
ASTM-D05.07	Physical Characteristics of Coal
ASTM-D05.07.01	Beneficiation and Size Analysis
ASTM-D18.01.01	Site Characterization for Environmental Purposes
ASTM-D18.01.03	Remote Sensing
ASTM-D18.01.05	Mapping and GIS
ASTM-D18.12	Rock Mechanics
ASTM-D18.12.03	Laboratory Deformation/Strength
ASTM-D18.12.06	Hydrologic Properties
ASTM-D19.04	Methods of Radiochemical Analysis
ASTM-D19.05	Inorganic Constituents in Water
ASTM-D22.03	Ambient Atmospheres and Source Emissions
ASTM-D22.06	Atmospheric Deposition
ASTM-D33.02	Service and Material Parameters
ASTM-D33.03	Quality Systems

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ASTM-D33.10	Protective Coatings Maintenance Work for Power Generation Facilities
ASTM-D33.11	Decontamination of Coated Surfaces
ASTM-D34	Committee on Waste Management
ASTM-D34.01	Sampling and Monitoring
ASTM-D34.01.01	Environmental Monitoring and Sampling
ASTM-D34.02	Physical and Chemical Characterization
ASTM-D34.02.07	Physical Analytical Methods
ASTM-D34.02.10	Data Quality Objectives
ASTM-D34.02.11	Environmental Monitoring
ASTM-D34.07	Mixed Radioactive Hazardous Waste
ASTM-D34.07.02	Characterization
ASTM-D34.07.04	Disposal
ASTM-D34.10	Waste Minimization
ASTM-D34.11	Site Remediation
ASTM-E01.22	Statistics and Quality Control
ASTM-E01.91	Long Range Planning and Liaison
ASTM-E05	Committee on Fire Standards
ASTM-E06	Committee on Performance of Building Constructions
ASTM-E06.81	Building Economics
ASTM-E07.01	Radiology (X and Gamma) Method
ASTM-E07.01.03	Computed Tomography
ASTM-E07.05	Radiology (Neutron) Method
ASTM-E07.06	Ultrasonics Method
ASTM-E07.07	Electromagnetic Method
ASTM-E07.08	Leak Testing Method
ASTM-E07.09	Nondestructive Testing Laboratories
ASTM-E07.10	Emerging NDT Methods
ASTM-E07.91	USA Participation in ISO/TC135
ASTM-E08	Committee on Fatigue and Fracture
ASTM-E08-EX	Executive Committee
ASTM-E08.07	Linear Elastic Fracture

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ASTM-E08.07.03	Surface Cracks
ASTM-E08.07.03.xx	Fracture of Weldments
ASTM-E08.07.05	Dynamic Fracture
ASTM-E08.08	Elastic-Plastic Fracture Mechanics Technology
ASTM-E10	Committee on Nuclear Technology and Applications
ASTM-E10-EX	Executive Committee
ASTM-E10.01	Dosimetry for Radiation Processing
ASTM-E10.02	Behavior and Use of Nuclear Structural Materials
ASTM-E10.02.05	Subsize Specimens
ASTM-E10.03	Radiological Protection for Decontamination & Decommissioning of Nuclear Facilities & Components
ASTM-E10.03.08	Characterization
ASTM-E10.03.09	Unrestricted Release
ASTM-E10.03.10	Security, Surveillance and Maintenance
ASTM-E10.03.11	Radiation Surveys
ASTM-E10.04	Radiation Protection Methodology
ASTM-E10.05	Nuclear Radiation Metrology
ASTM-E10.05.01	Predictive Metrology
ASTM-E10.05.02	Radionuclide Metrology
ASTM-E10.05.03	Adjustment Methods and Data Fields
ASTM-E10.05.04	LWR Pressure Vessel Surveillance Standards
ASTM-E10.05.05	Activation Reactions
ASTM-E10.05.07	Standard Terminology Related to Radiation Measurements and Dosimetry
ASTM-E10.05.08	Nuclear Environmental Metrology
ASTM-E10.05.09	Stable Product Neutron Metrology
ASTM-E10.07	Radiation Dosimetry for Radiation Effects on Materials and Devices
ASTM-E10.08	Procedures for Neutron Radiation Damage Simulation
ASTM-E11	Committee on Quality and Statistics
ASTM-E12.09	Optical Techniques
ASTM-E13	Committee on Molecular Spectroscopy
ASTM-E13.04	Nomenclature

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ASTM-E13.06	Molecular Luminescence
ASTM-E13.08	Raman Spectroscopy
ASTM-E13.09	Fiber Optics in Molecular Spectroscopy
ASTM-E21	Committee on Space Simulation and Applications of Space Technology
ASTM-E28	Committee on Mechanical Testing
ASTM-E34.70	Single Crystal Ceramic Whiskers
ASTM-E34.85	Ergonomics
ASTM-E37	Committee on Thermal Measurements
ASTM-E37.01	Test Methods and Recommended Practices
ASTM-E37.02	Standard Reference Materials
ASTM-E37.03	Nomenclature and Definitions
ASTM-E37.04	Technical Programs
ASTM-E37.06	Editorial
ASTM-E37.07	Liaison
ASTM-E42	Committee on Surface Analysis
ASTM-E42.02	Terminology
ASTM-E42.03	Auger Electron Spectroscopy
ASTM-E42.04	XPS
ASTM-E42.11	Standard Reference Data
ASTM-E43	Committee on SI Practice
ASTM-E43.10	Standards
ASTM-E43.20	Long Range Planning
ASTM-E43.40	Internal Liaison
ASTM-E43.50	External Liaison
ASTM-E43.90	Executive
ASTM-E44.09	Photovoltaic Electric Power Systems
ASTM-E47.01	Aquatic Toxicology
ASTM-E47.02	Terminology
ASTM-E47.04	Wildlife Toxicology
ASTM-E47.07	Biostatistics
ASTM-E47.08	Biological Field Testing

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ASTM-E47.13	Assessment of Risk to Human Health and the Environment from Hazardous Waste Sites
ASTM-E49	Committee on Computerization of Material and Chemical Property Data
ASTM-F01	Committee on Electronics
ASTM-F01.03	Metallic Materials (Inactive)
ASTM-F01.11	Quality and Hardness Assurance
ASTM-F18	Committee on Electrical Protective Equipment for Workers
ASTM-F18.10	Test Methods
ASTM-F18.10.15	Test Methods - In-Service Grounds
ASTM-F18.20	Tools
ASTM-F18.30	Equipment
ASTM-F18.40	Personal Equipment
ASTM-F18.50	In-Service Integrity
ASTM-F23	Committee on Protective Clothing
ASTM-G01.05	Laboratory Corrosion Tests
ASTM-G01.06	Stress Corrosion Cracking and Corrosion Fatigue
ASTM-G01.12	In-Plant Corrosion Tests
ASTM-G02.30	Abrasive Wear
ASTM-G02.40	Non-Abrasive Wear
ASTM-G02.50	Friction
ASTM-G02.91	Terminology
ASTM-G02.93	Editorial
ASTM-G03	Committee on Durability of Nonmetallic Materials
ASTM-G03.01	Editorial and Definitions
ASTM-G03.03	Simulated and Controlled Environmental Tests
ASTM-G03.08	Service Life Prediction
AWEA	American Wind Energy Association
AWEA-ICS-A	Acoustics
AWS	American Welding Society
AWS-A01	Committee on Metric Practice
AWS-B02	Committee on Welding Qualification

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AWS-C03	Committee on Brazing and Soldering
AWS-C03B	Soldering Subcommittee
AWS-C03E	Materials Subcommittee
AWS-C05	Committee on Arc Welding and Cutting
AWS-C06	Committee on Friction Welding
AWS-C07	Committee on High Energy Beam Welding and Cutting
AWS-C07B	Subcommittee on Electron Beam Welding and Cutting
AWS-C07C	Subcommittee on Laser Beam Welding and Cutting
AWS-D01L	Subcommittee 12 on Stainless Steel
AWS-D09	Welding, Brazing, and Soldering of Sheet Metal
AWS-D09.06	Inspection of Arc Welding Work
AWS-D14B	Subcommittee on General Design and Practices
AWS-D14E	Subcommittee on Welding of Presses
AWS-SH	Safety and Health Committee
AWS-SH1	Subcommittee on Fumes and Gases
AWWA	American Water Works Association
CAM-I	Consortium for Advanced Manufacturing - International
CAM-I-DMSC	Dimensional Measurement Interface Standard - National Standards Committee
CAM-I-QAP	Quality Assurance Program
CIRMS	Council on Ionizing Radiation Measurements and Standards
CSI	Construction Specifications Institute
CSI-SS	Specification Standards
CTI	Cooling Tower Institute
EIA	Electronic Industries Association
EIA-EDIF-IE31	Numerical Control Systems and Equipment
EIA-GEIA-G12	Solid State Devices
EIA-JC14.2	Wafer Level Reliability Assessment
HFS	Human Factors Society
HFS-100	Visual Display Terminals
HPS	Health Physics Society
HPS-N13	Radiation Protection (HPS)

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HPS-N13.1	Guide to Sampling Airborne Radioactive Materials in Nuclear Facilities
HPS-N13.3	Dosimetry for Criticality Accidents
HPS-N13.11	Criteria for Testing Personnel Dosimetry Performance
HPS-N13.22	Internal Dosimetry Program for Uranium (N341)
HPS-N13.25	Plutonium Internal Dosimetry
HPS-N13.27	Dosimeters and Alarm Ratemeters, Performance Requirements for Pocket Sized Alarms
HPS-N13.29	Criteria for Testing Environmental Dosimeter Performance
HPS-N13.30	Performance Criteria for Bioassay
HPS-N13.37	Performance Testing and Procedural Specifications for Thermoluminescence Dosimetry: Environmental Application
HPS-N13.39	Working Group on Internal Dosimetry
HPS-N13.40	Standard for Thorax Phantoms used for Radiological Monitoring of Internally Deposited Radionuclides
HPS-N13.xx	Fetal Radiation Dose Calculations
HPS-N43	Equipment for Non-Medical Radiation Applications
HPS-SSC	Standards Committee
HPS-SSC-ED	External Dosimetry
HPS-SSC-NORM	Naturally Occurring Radioactive Material (NORM) Working Group
IAEA	International Atomic Energy Agency
IAEA-DNE-IRMP	International Radon Metrology Programme Reference Library
IAEA-RADWASS	Radioactive Waste Management
IAEA-TRANSSAC	Transportation Safety Series Advisory Committee
ICBO	International Conference of Building Officials
ICDD	International Center for Diffraction Data
ICDD-TC	Technical Committee
ICRP	International Commission on Radiological Protection
IEA	International Energy Agency
IEA-PVPS	Photovoltaic Power Systems
IEA-PVPS-Task 1	Exchange and Dissemination of Information on Photovoltaic Systems

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IEA-PVPS-Task 5	Grid Interconnection of Building Integrated and Other Dispersed PV Power Systems
IEC	International Electrotechnical Commission
IEC-JWG	Batteries
IEC-TC11	Recommendations for Overhead Lines
IEC-TC15-SC15B-WG2	Radiation
IEC-TC37	Surge Arresters
IEC-TC37-HVAG	High Voltage Advisory Group
IEC-TC45-SC45A-880	Software for Computers
IEC-TC45-SC45B	Radiation Protection Instrumentation
IEC-TC57	Technical Committee
IEC-TC57-WG06	Ad Hoc Working Group
IEC-TC69-WG03	Electric Vehicle Batteries
IEC-TC77-SC77C	Electromagnetic Compatibility/Immunity to High Altitude Nuclear Electromagnetic Pulse (HA-NEMP)
IEC-TC82	Technical Committee on PV Energy Systems
IEC-TC82.2	U.S. Technical Advisory Group
IEC-TC88.2	Wind Turbine Design Loads
IEC-TC88.4	Safety of Small Wind Turbines
IEC-TC88.6	Wind Turbine Performance Standards
IEC-TC104	Environmental Conditions, Classification and Methods of Test
IEEE	Institute of Electrical and Electronics Engineers
IEEE-C/SE	Software Engineering
IEEE-C/SE-1012	Software Verification and Validation
IEEE-C/SE-1175	Reference Model for Computing System Tool Interconnections
IEEE-C/SE-SSPG	Software Safety Planning Group
IEEE-C2	National Electrical Safety Code
IEEE-C63	Electromagnetic Compatibility
IEEE-IA/C&S	Codes and Standards
IEEE-IA/IC	Industrial Control
IEEE-IA/PSE-GS	Grounding Subcommittee
IEEE-IA/PSE-PQS	Power Quality Subcommittee

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IEEE-IA/PSE-PSDS	Power Systems Design Subcommittee
IEEE-IA/PSE-PSGS	Power System Grounding Subcommittee
IEEE-IA/PSP-P1015	P1015 (Blue Book) Working Group
IEEE-IM/WM&A	TC10 - Waveform Measurement and Analysis
IEEE-IM/WM&A-A/DC	Subcommittee on A/D Converters
IEEE-IM/WM&A-SCPT	Subcommittee on Pulse Techniques
IEEE-N42	Nuclear Instruments
IEEE-N42.2	Measurement Quality Assurance for Radioassay Laboratory
IEEE-PE/ED&PG	Energy Development and Power Generation
IEEE-PE/ED&PG-SDS-TFICEG	Task Force on Instrumentation and Control Equipment Grounding
IEEE-PE/ED&PG-SO	Station Operations Subcommittee
IEEE-PE/ED&PG-WGU	Unique Identification Working Group
IEEE-PE/IC	Insulated Conductors Committee
IEEE-PE/NPE	Nuclear Power Engineering Committee
IEEE-PE/NPE-SC2	Qualifications Subcommittee
IEEE-PE/NPE-SC3.4	Aging Assessment Guidelines
IEEE-PE/NPE-SC4	Auxiliary Power Subcommittee
IEEE-PE/NPE-SC4.4	Working Group on Value Motor Selection, Application, and Testing
IEEE-PE/NPE-SC4.7	Working Group on Protection of Class IE Power Systems
IEEE-PE/NPE-SC4.8	Working Group on Protection of Safety Systems from Hazards of Water
IEEE-PE/NPE-SC5	Reliability Subcommittee
IEEE-PE/NPE-SC6	Safety Related Systems Subcommittee
IEEE-PE/NPE-SC6.1	Working Group on Accident Monitoring Instrumentation
IEEE-PE/NPE-SC6.4	Working Group on Application of Programmable Digital Computers in Safety Related Systems
IEEE-PE/NPE-SC7	Human Factors and Control Facilities Subcommittee
IEEE-PE/NPE-SC7.1	Working Group on Human Factors Applications
IEEE-PE/NPE-SC7.4	Working Group on Human Reliability Analysis
IEEE-PE/PSE	Power System Engineering Committee
IEEE-PE/PSE-APM-WGPDM	Working Group on Probabilistic Decision-Making

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IEEE-PE/PSIM-HVTT	High Voltage Testing Techniques Subcommittee
IEEE-PE/PSIM-WGDFT	Working Group on Diagnostic Field Testing of Power Apparatus
IEEE-PE/SPD-3.1	Administrative and Standards Subcommittee
IEEE-PE/SPD-3.2	Bibliography Subcommittee
IEEE-PE/SPD-3.3	Overvoltage Protective Devices Subcommittee
IEEE-PE/SPD-3.3.8	Working Group on Review of Intermediate and Station Arrester Durability and Protective Characteristics
IEEE-PE/SPD-3.3.10	Working Group on Review of Distribution Arrester Durability and Protective Characteristics
IEEE-PE/SPD-3.3.12	Working Group on Continuous Revision of C62.1
IEEE-PE/SPD-3.4	Application of Surge Protective Devices Subcommittee
IEEE-PE/SPD-3.4.6	Working Group on Overvoltage Protection of High Voltage Direct Current Installations
IEEE-PE/SPD-3.4.10	High Voltage AC Surge Arrester Application Working Group
IEEE-PE/SPD-3.4.14	Continuous Revision of C62.2 and Compilation of a Metal Oxide Arrester Application Guide
IEEE-PE/SPD-3.4.15	Surge Protection for Dispersed Storage and Generating Systems Working Group
IEEE-PE/SPD-3.4.17	Surge Arrester Protection of Capacitor Working Group on Banks, Cable Connected Equipment and Gas Insulated Substations
IEEE-PE/SPD-3.5	Neutral Grounding Devices Subcommittee
IEEE-PE/SPD-3.5.5	Working Group on Section 5 Application Guide for Neutral Grounding of Transmission and Sub-Transmission Systems
IEEE-PE/SUB	Substations Committee
IEEE-PE/SUB-AO	Substations Committee
IEEE-PE/SUB-C1	Working Group C1 on Application of Computer-Aided Systems to Substations
IEEE-PE/SUB-C2	Working Group C2 on Application of New Technologies in Substation Monitoring and Control
IEEE-PE/SUB-C3	Working Group on Electric Network Control Systems Standards
IEEE-PE/SUB-D2	Working Group on Substation Fire Protection Practices
IEEE-PE/SUB-D3	Working Group on Rigid Bus Design Criteria for Outdoor Substations
IEEE-PE/SUB-E7	Working Group on Substation Life Extension
IEEE-PE/SUB-I5	Working Group on Commissioning

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IEEE-PE/SUB-K8	Working Group on GIS Application to DC
IEEE-PE/SUB-K9	Working Group on GIS Bibliography
IEEE-PE/SWG-HVCB	High Voltage Circuit Breakers
IEEE-PE/SWG-HVCB-WGQR	Working Group on Quality and Reliability
IEEE-PE/SWG-HVCB-WGRS	Working Group on Revisions to Standards
IEEE-PE/SWG-HVCB-WGSFT	Working Group on Synthetic Fault Testing
IEEE-PE/T&D-DCT	Direct Current and Flexible AC Transmission Subcommittee
IEEE-PE/T&D-DCT-WGC	Working Group on Commissioning
IEEE-PE/T&D-DCT-WGC&P	Working Group on Control and Protection of DC Systems
IEEE-PE/T&D-DCT-WGDC&F	Working Group on DC & Flexible AC Transmission
IEEE-PE/T&D-DCT-WGS	Working Group on Steering
IEEE-PE/T&D-ESMOL	Engineering in the Safety Maintenance Operation of Lines Subcommittee
IEEE-PE/T&D-ESMOL-WGCNESC	Working Group on Coordination of ESMOL with NESC
IEEE-PE/T&D-ESMOL-WGDSBT	Working Group on Definitions, Standards, Bibliography and Terms
IEEE-PE/T&D-ESMOL-WGET	Working Group on Equipment and Tools
IEEE-PE/T&D-ESMOL-WGETTF	Working Group Task Force on Conductive Clothing
IEEE-PE/T&D-ESMOL-WGGLLM	Working Group on Guide for Live Line Maintenance
IEEE-PE/T&D-ESMOL-WGS&R	Working Group on Safety and Regulations
IEEE-PE/T&D-ESMOL-WGWM	Working Group on Work Method (AC and DC)
IEEE-PE/T&D-GS-TFFDE	Frequency Dependent Equivalent Task Force
IEEE-PE/T&D-GS-WGCAT	Correlating Advances in Technology in the T&D Field with NESC
IEEE-PE/T&D-GS-WGISR	Working Group on Insulator Strength Ratings
IEEE-PE/T&D-GS-WGMAST	Working Group on Modeling and Analysis of System Transients Using Digital Programs
IEEE-PE/T&D-GS-WGTANI	Working Group on Testing and Application of Non-Ceramic Insulators
IEEE-PE/T&D-TPC-WGOCT	Working Group on Calculation of Bare Overhead Conductor Temperatures
IEEE-PE/T&D-TPC-WGWS	Working Group on Wood Structures
IEEE-PE/TR-BU	Bushing Subcommittee
IEEE-PE/TR-BU-WGBAG	Working Group on Bushing Application Guide

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IEEE-PE/TR-BU-WGDCA	Working Group on Bushings for DC Applications
IEEE-PE/TR-DT-WGRDT	Working Group on Revision of Dielectric Tests
IEEE-PE/TR-HVDC	HVDC Converter Transformers and Smoothing Reactor Subcommittee
IEEE-PE/TR-IF	Insulating Fluids Subcommittee
IEEE-PE/TR-IL	Insulation Life Subcommittee
IEEE-PE/TR-IL-WGGL	Working Group on Guides for Loading
IEEE-PE/TR-PC	Performance Characteristics Subcommittee
IEEE-SCC21	Fuel Cells, Photovoltaics, Dispensed Generation and Energy Storage
IEEE-SCC28	Non-Ionizing Radiation
IEEE-SCC29	Stationary Batteries
IEEE-UFFC-FE	Ferroelectrics Committee
IIE	Institute of Industrial Engineers
IIE-Z94.2	Cost Engineering Terminology
INMM	Institute of Nuclear Materials Management
INMM-N14	Packaging and Transportation of Radioactive Materials
INMM-N14.1	Packaging of Uranium Hexafluoride for Transport
INMM-N14.2	Tiedowns for Transport of Fissile and Radioactive Containers Greater than One-Ton Truck Transport
INMM-N14.5	Leakage Tests on Packages for Shipment of Radioactive Materials
INMM-N14.23	Design Basis for Resistance to Shock and Vibration of Radioactive Material Packages Greater than One-Ton in Truck Transport
INMM-N14.24	Domestic Barge Transport for Highway Route Controlled Quantities of Radioactive Materials
INMM-N14.26	Fabrication, Inspection, and Preventive Maintenance of Packaging for Radioactive Materials
INMM-N14.29	Radioactive Materials - Guide for Writing Operating Manuals for Packaging
INMM-N14.30	Truck Transport of Weight-Concentrated Radioactive Loads
INMM-N15	Methods of Nuclear Material Control
INMM-N15.1	Analytical Chemistry Laboratory Measurement Control
INMM-N15.5.1	Analytical Laboratories Measurement Control

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INMM-N15.5.2	Mass Measurement Control
INMM-N15.5.5	Volumetric Measurement Control
INMM-N15.8.2	Volume Calibration
IPC	The Institute for Interconnecting and Packaging Electronic Circuits
IPC-9701	Qualification and Performance Test Methods for Surface Mount Solder Attachments
IPC-A-600	Acceptability of Printed Boards
IPC-D35X	Records Description
IPC-SC07.31	Acceptability
ISA	Instrument Society of America
ISA-SP20	Instrumentation Specification Forms
ISA-SP37	ISA Standards and Practices
ISA-SP37.16	Pressure Transducers
ISA-SP67.01	Transducer and Transmitter Installation for Nuclear Safety Applications
ISA-SP67.04	Setpoints for Safety-Related Instrumentation Used in Nuclear Power Plants
ISA-SP67.06	Response Testing for Nuclear Safety-Related Instrument Channels in Nuclear Power Plants
ISA-SP67.15	Methodologies for the Determination of Setpoints for Nuclear Safety-Related Instrumentation
ISA-SP67.16	Safety Related Digital Based System Upgrades at Nuclear Power Plants
ISA-SP77.60	Human-Machine Interface
ISA-SP84	Programmable Electronic Systems (PES) for Use in Safety Applications
ISA-SP84.01	Application of Safety Instrument System for the Process Industry
ISA-SP91	Criticality Ranking for Instrumentation
ISA/ISO 10303-AP 221	ISA Ad Hoc Standard Exchange of Product (STEP) Committee
ISO	International Organization for Standardization
ISO-SC27-WG3	Working Group on Evaluation Criteria
ISO-TC12	Quantities, Units, Symbols and Conversion Factors Technical Advisory Group
ISO-TC85-SC2-WG2	Reference Radiations

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ISO-TC85-SC2-WG5	Materials & Devices for Protection Against Alpha, X, Gamma, Beta, & Neutron Radiations, & Equipment for Remote Manipulation for Radiation Materials
ISO-TC85-SC2-WG7	Thermoluminescence Dosimeters
ISO-TC85-SC2-WG13	Performance Requirements for Internal Dose Evaluation of Bioassay Results
ISO-TC85-SC2-WG14	Air Monitoring and Control
ISO-TC85-SC2-WG15	Criteria and Testing Procedures for the Accuracy of External Individual Dosimeters for X and Gamma Rays
ISO-TC85-SC5	Nuclear Fuel Technology
ISO-TC85-SC5-WG3	Analytical Laboratory Standards
ISO-TC85-SC5-WG4	Standardization of Transport Containers for UF6
ISO-TC85-SC5-WG5	Standardization of Measurement Methods for the Characterization of Solid and Solidified Waste Forms, and for the Corrosion of Their Primary Containers
ISO-TC85-SC5-WG8	Standardization of Calculations, Procedures and Practices Related to Criticality Safety
ISO-TC85-SC5-WG9	Trunnions for Spent Fuel Element Transport Packages
ISO-TC85-SC5-WG10	Leak Tightness Definitions for and Leakage Tests on Packages for the Transport of Radioactive Materials
ISO-TC159-SC4	Ergonomics of Human System Interaction Technical Advisory Group
ISO-TC176	Quality Methods and Quality Assurance
ISO-TC184-SC4-WG3	Product Modeling
ISO-TC184-SC4-WG5	STEP Development Methods
ISO-TC201	Surface Chemical Analysis
ISO-TC201-SC5	Auger Electron Spectrometry
ISO-TC205	Building Environment Design
ISO-TC207-SC1	Environmental Management Systems (EMS)
ISO-TC207-SC2	Environmental Auditing
ISO-TC207-SC4	Environmental Performance Evaluation (EPE)
ISO/IEC	International Organization for Standardization/International Electrotechnical Commission
ISO/IEC-JTC.1-SC18-WG8	Document Description and Processing Languages
ITI	Information Technology Industry Council
ITI-X3	Information Processing Systems

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ITI-X3H2	Database
ITI-X3T2	Data Interchange
ITI-X3T4-WG3	Working Group 3 Evaluation Criteria
ITI-X3T9	I/O Interface
ITI-X3V1.8	Text Description and Programming Languages
NACE	National Association of Corrosion Engineers
NACE T-2	Energy Technology
NACE T-2A	Nuclear Systems
NACE T-2A-2	Interim Storage of Radioactive Liquid Waste
NACE T-2F-1/T-5-1	Materials Problems in Waste Incinerator Fireside and Air Pollution Control Equipment
NACE T-3J-7	NACE Publication on MIC
NACE T-3J-8	Review of Literature on MIC
NACE T-5A-30	Corrosion Under Thermal Insulation
NACE T-5B	High Temperature Materials Performance
NACE T-5B-12	Materials Performance in Nonaqueous Halide Containing Environments
NACE T-5B-13	Repair of Metals After High Temperature Exposure
NACE T-7	Corrosion by Waters
NACE T-7G	Corrosion and Its Control in Water-Supply Systems and Water-Using Systems
NACE T-7H	Corrosion and Its Control in Steam-Generating Systems
NACE T-7M	Corrosion of Water and Sewage Treatment, Collection and Distribution Systems
NACE T-10	Underground Corrosion Control
NACE T-10A	Cathodic Protection
NACLA	National Council of Laboratory Accreditation
NACLA-IB	Interim Board
NCRP	National Council on Radiation Protection and Measurements
NCRP-SC1	Radiobiology, Epidemiology, Risk, and Basic Radiation Protection Criteria
NCRP-SC1-3	Collective Dose
NCRP-SC1-4	Extrapolation of Risks from Non-Human Experimental Systems to Man

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NCRP-SC4	Heavy Particles (Neutrons, Protons, and Heavier)
NCRP-SC24	Radionuclides and Labeled Organic Compounds Incorporated in Genetic Material
NCRP-SC30	Physical and Biological Properties of Radionuclides
NCRP-SC31	Selected Occupational Exposure Problems Arising from Internal Emitters
NCRP-SC37	Procedures for the Management of Contaminated Persons
NCRP-SC43	Natural Background Radiation
NCRP-SC45	Radiation Received by Radiation Employees
NCRP-SC46	Operational Radiation Safety
NCRP-SC46-1	Warning and Personnel Security Systems
NCRP-SC46-4	Calibration of Survey Instrumentation
NCRP-SC46-8	Radiation Protection Design Guidelines for Particle Acceleration Facilities
NCRP-SC46-9	ALARA at Nuclear Plants
NCRP-SC46-10	Assessment of Occupational Doses from Internal Emitters
NCRP-SC52	Conceptual Basis of Calculations of Dose Distribution
NCRP-SC53	Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Radiation
NCRP-SC56	Mammography
NCRP-SC57	Dosimetry and Metabolism of Radionuclides
NCRP-SC57-12	Strontium
NCRP-SC57-13	Neptunium
NCRP-SC57-15	Uranium
NCRP-SC57-16	Uncertainties in the Application of Metabolic Modes
NCRP-SC61	Radon Measurements
NCRP-SC63-3	Emergency Exposure Criteria for Specialized Categories of Individuals
NCRP-SC64	Radionuclides in the Environment
NCRP-SC64-2	Identification and Evaluation of Environmental Models for Estimate of Dose from Discharge to Surface Waters
NCRP-SC64-3	Identification and Evaluation of Environmental Models for Estimate of Dose from Discharge to Atmosphere
NCRP-SC64-5	Public Exposure to Nuclear Power

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NCRP-SC64-17	Uncertainty in Environmental Transport in the Absence of Site Specific Data
NCRP-SC64-18	Plutonium
NCRP-SC64-22	Design of Effective Effluent and Environmental Monitoring Programs
NCRP-SC71	Radiation Exposure and Potentially Related Injury
NCRP-SC75	Guidance on Radiation Received in Space Activities
NCRP-SC83	Identification of Research Needs for Radiation Protection
NCRP-SC84	Radionuclide Contamination
NCRP-SC84-1	Contaminated Soil
NCRP-SC86	"Hot Particles" in the Eye, Ear, or Lung
NCRP-SC87-2	Waste Classification Based on Risk
NCRP-SC87-3	Performance Assessment
NCRP-SC87-4	Radioactive Scrap Metal
NCRP-SC89	Nonionizing Electromagnetic Fields
NCRP-SC89-1	Biological Effects of Magnetic Fields
NCRP-SC89-3	Extremely Low Frequency Electric and Magnetic Fields
NCSL	National Conference of Standards Laboratories
NCSL-140	Measurement Science and Technology
NCSL-ID	Intrinsic/Derived Standards Committee
NCSL-PC-O	Technical Publication Oversight
NCSL-Z540	TQM Committee on Calibration Systems Requirements
NEMA	National Electrical Manufacturers Association
NEMA-C29	Insulations for Electrical Power Lines Apparatus
NEMA-C57	Transformers, Regulators and Reactors
NEMA-C62	Surge Arresters
NEMA-C93	Pole Line Carrier Equipment and Coupling Capacitor Voltage Transformers
NFPA	National Fire Protection Association
NFPA-AIC-AAA	Air Conditioning
NFPA-AUT-HBS	Hanging and Bracing of Water-Based Fire Protection Systems
NFPA-CHE-AAA	Chemistry Laboratories
NFPA-CLR-AAA	Cleanrooms

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NFPA-CMD-AAA	Combustible Metals & Metal Dusts
NFPA-COD-AAA	Construction and Demolition
NFPA-EAC	Environmental Advisory Council
NFPA-EEW-AAA	Electrical Safety Requirements for Employee Workplaces
NFPA-ELT-AAA	Electronic Computer Systems
NFPA-EME-AAA	Emergency Power Supplies
NFPA-ESR-AAA	Emergency Services Risk Management
NFPA-FAE-AAC	Fire and Emergency Services Protective Clothing and Equipment
NFPA-FAE-RPA	Respiratory Protection and Personal Alarm Equipment
NFPA-FAE-SSF	Structural Fire Fighting Protective Clothing and Equipment
NFPA-FDW-AAA	Fire Doors and Windows
NFPA-FIP-AAA	Fire Protection for Nuclear Facilities
NFPA-FIQ-AAA	Fire Pumps
NFPA-FIU-AAA	Fire Service Occupational Medical and Health
NFPA-FIW-AAA	Fire Service Protective Clothing and Equipment
NFPA-FIX-AAA	Fire Service Occupational Safety
NFPA-FRU-AAA	Forest and Rural Fire Protection
NFPA-HAL-AAA	Halogenated Fire Extinguishing Systems
NFPA-HAO-AAA	Halon Alternative Protection Options
NFPA-HAP-AAA	Handling and Conveying of Dusts, Vapors, and Gases
NFPA-IMG-AAA	Industrial and Medical Gases
NFPA-INM-AAA	Inspection, Testing and Maintenance of Water Based Systems
NFPA-LFP-AAA	Laser Fire Protection
NFPA-LPI-AAA	Liquid Fuel Burning Equipment
NFPA-NEC-P01	National Electrical Code - Panel 1
NFPA-NEC-P03	National Electrical Code - Panel 3
NFPA-NEC-P09	National Electric Code – Panel 9
NFPA-NEC-P18	National Electrical Code - Panel 18
NFPA-NFA-AAC	National Fire Alarm Code
NFPA-NFA-FUN	Fundamentals of Fire Alarm Systems
NFPA-NFA-PRO	Protected Premises Fire Alarm Systems

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NFPA-NFA-TMS	Testing and Maintenance of Fire Alarm Systems
NFPA-PIP-AAA	Pre-Incident Planning
NFPA-PQU-PST	Public Safety Telecommunicator Professional Qualifications
NFPA-PUF-AAA	Public Fire Service Communications
NFPA-SAF-AAC	Safety to Life
NFPA-SAF-AXM	Assembly Occupancies and Membrane Structures
NFPA-SAF-IND	Industrial, Storage and Miscellaneous Occupancies
NFPA-SC	Standards Council
NFPA-TAN-AAA	Tank Leakage and Repair Safeguards
NFPA-WAM-AAA	Water Mist Fire Suppression Systems
NHA	National Hydrogen Association
NIRMA	Nuclear Information and Records Management Association, Inc.
NIRMA-BD	Board of Directors
NIRMA-DC	Decommissioning Committee
NIRMA-FPC	Federal Programs Committee
NSC	National Safety Council
NSC-A10.9	Safety Requirements for Concrete and Masonry Operations
NSF	NSF International
RIA	Robotics Industry Association
RIA-R15	Executive Committee for Standards Development
RIA-R15.06	Safety Subcommittee
SAE	Society of Automotive Engineers
SAE-EV-BS	Battery System
SAE-EV-CC	Charging Controls
SAE-G8	Aerospace Coatings
SAE-G9	Aerospace Sealants
SAE-G11-SC	Software Committee
SES	Standards Engineering Society
SFPE	Society of Fire Protection Engineers
SIA	Security Industry Association
SIA-C/CS	Controls/Communicators Standards Subcommittee
SIA-GS	Glassbreak Standards Subcommittee

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SIA-PIR	PIR Standards Subcommittee
SIA-PIS	Point Identification Standards Subcommittee
SPRI	Single Ply Roofing Institute
SPRI-TC-INSUL	Insulation
UL	Underwriters Laboratories
UL-BP	Burglary Protection Council
WRC	Welding Research Council
WRC-PVRC	Pressure Vessel Research Council
WRC-PVRC-DSC	Dynamic Stress Criteria
WRC-PVRC-P&N	Piping and Nozzles
WRC-WP	Welding Procedures

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CONCLUDING MATERIAL

Preparing Activity:
DOE-EH-31

Agent:
Oak Ridge National Laboratory

Project Number:
SDMP-0027