

**American Nuclear Society
NFSC June Meeting Minutes
June 14, 2004 • Pittsburgh, PA**

Members Present

Donald J. Spellman, *NFSC Chair, Oak Ridge National Laboratory*
Michael Ruby, *NFSC Vice Chair, Constellation Energy*
Patricia Schroeder *Administrator, American Nuclear Society*
Michael T. Cross, *Westinghouse Electric Company*
Tim Dennis, *Individual*
Donald R. Eggett, *AES Engineering*
N. Prasad Kadambi, *US Nuclear Regulatory Commission*
Malcom LaBar, *General Atomic*
Jesse E. Love, *Bechtel Power Corporation*
James F. Mallay, *Framatome ANP*
Carl Mazzola, *Shaw Environmental & Infrastructure, Inc.*
Charles H. Moseley, Jr., *BWXT-Y-12*
Robert McFetridge, *Westinghouse Electric Company LLC*
William B. Reuland, *Individual (Previous Affiliation: EPRI)*
James C. Saldarini, *Tetra Tech FW, Inc.*
Steve L. Stamm, *Stone & Webster, Inc.*
John D. Stevenson, *J.D. Stevenson Consultants*
C.D. Thomas, Jr., *Individual (Previous affiliation: Yankee Atomic Company)*
Andy Wehrenberg, *Southern Nuclear Operating Company*

Members Absent

C.K. Brown, *Southern Nuclear Operating Company*
Robert H. Bryan, Jr., *Tennessee Valley Authority*
Harish Chander, *US Department of Energy*
Richard Hall, *Exelon Generation Company, Inc.*
Rick A. Hill, *GE Nuclear Energy*
Evan Lloyd, *Exitech Corporation*
Frederic Pineau, *Knolls Atomic Power Laboratory*
Robert E. Scott, *Scott Enterprises*
Michael J. Wright, *Grand Gulf Nuclear Station, Entergy Operations, Inc.*

Guests

Neil Brown, *Lawrence Livermore National Laboratory*
Clinton Eldridge, *Pacific Gas & Electric Company*

1. Welcome and Roll Call

Don Spellman called the meeting to order and introductions were made. Patricia Schroeder was introduced as the new Standards Administrator at ANS Headquarters.

Don Spellman broached the subject of possibly changing the NFSC meeting day to Wednesday which would allow subcommittees the chance to have meetings on Monday and/or Tuesday and report to NFSC on Wednesday. Don Eggett was concerned about

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conflicts with Governance Meetings on Wednesday afternoon as well as technical sessions like the Standards Panel. After appropriate discussion, it was decided to leave the NFSC meetings on Monday.

2. Standards Discussion Meeting

A. Clint Eldridge provided a review of the work being done to revise ANS-3.2, "Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants." He stated that he felt they had the best working group in many years. Most members have 25 years of broad experience. The objectives of the revision are restructuring the standard to make it easier to use and consistent with structure of 10CFR, Appendix B, expand the standard to address risk-informed quality assurance, update the standard to reflect the last ten years of operating experience, and replace overly prescriptive requirements with ones that are performance based. Prasad asked if the working group knows how the standard will be endorsed and suggested to get reference for new standard within regulatory documents. Clint reported that NEI was sent a draft and commented that it will work. Electric revision of draft is ready to go out to ANS-21. Hoping to have comments resolved for draft to be sent to NFSC well before November meeting for balloting at the meeting. See Attachment A.

B. ANS-3.12.1 "Decommissioning of Nuclear Production and Utilization Facilities: - Defueled Security Plan" and 3.12.2, "Decommissioning of Nuclear Production and Utilization Facilities: - Defueled Safety Analysis Report and Emergency Plan. Don Eggett asked if it might be prudent to hold off work on these standards until the plants have made any appropriate decisions regarding procedural changes for additional security from terrorists acts. Consideration should be made to re-activating ANS 3.3 which was under subcommittee ANS 21 that addresses operational security. Don noted also that DOE is working on a new DOE decommissioning plan which is expected to be completed in CY 2005. He will monitor the progress of that plan and incorporate necessary items from it into ANS 3.12.2 if it is within the time frame of completion of 3.12.2. Don will also inquire whether DOE might be interested in a national consensus standard for security of nuclear facilities. May need to address implementation of NUREG 50.69 for DOE facilities that have spent nuclear fuel on site. ANS 3.12.2 is in the subcommittee comment process and several valuable comments have been received.

C. ANS 3.11, "Determining Meteorological Information at Nuclear Facilities" -- C. Mazzola. A new PINS form for ANS 3.11 may be needed. Carl will check with ANS to determine. The schedule for ANS 3.11 shows that a draft is intended to be ready for Subcommittee ANS-25 by summer 2004 and a discussion held at the November 2004 meeting of NFSC.

D. ANS 2.26, "Categorization of Nuclear Facility Structures, Systems and Components For Seismic Design" -- N. Brown Results of the recent ballot on ANS 2.26 showed 15 Approved (8 no comments, 7 with comments), 2 Negative, and 10 Not Returned. The status of the referenced standards in ANS 2.26 is: The ASCE standard has been sent for public comment and has been assigned a number that can be used in ANS 2.26; ANS 2.27 has been drafted and is waiting on some more progress on ANS 2.29 which is expected in December 2004. Neil was asked to consider referencing the actual page and paragraph that is being used

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from a referenced standard. Consideration of the use of examples in a standard – valuable for use as an explanation between parties but may not be helpful in standards because of the level of abstraction and judgment (used to determine reasonableness).

E. ANS-4.5, “Criteria for Accident Monitoring functions in Light-Water-Cooled Reactors” – M. Ruby

Mike Ruby discussed the potential for a revision of the historical standards ANS 4.5. Subcommittee-21 considered a revision because of a new IEEE standard. Mike felt that ANS-4.5 could remain historical until there is a trigger, i.e., if NRC would revise RegGuide 197. Prasad suggested we stimulate the NRC to revise and work with us. Mike didn't feel there is a need, and Jim Saldarini agreed. Andy Wehrenberg commented that a revision is not necessary unless it would eliminate the use of other standards. Saldarini questioned whether the Generation IV Program may create the need for a revision and if the DOE may have an interest for a revision and perhaps funds. Mike commented a revision would have to be generic, and we would want involvement from NRC. Steve Stamm suggested going to industry/vendors prior to DOE. Jim Saldarini thinks that it would be better to approach DOE first.

Action item 6/04-01 for Don Spellman to check with DOE on interest and possible fund for revision of ANS-4.5.

3. Approval of Minutes of November 17, 2003, and March 17-18, 2004, Meeting

Bob McFetridge motioned to accept the November minutes; seconded by Carl Mazzola. The November minutes were approved unanimously with the correction of Michael Cross's company affiliation to individual. Carl Mazzola motioned to accept the March minutes; seconded by Saldarini. The March minutes were approved without dissent.

4. Management Reports

A. Executive Committee – Don Spellman

Don Spellman informed the committee that he has taken over the vice chair position on the Standards Board and in a year will vacate this position as he moves to Chair of the Standards Board.

B. Chair Report – Don Spellman

A printout of all volunteers in ANS' database under NFSC was shown. Don Spellman explained that this information has been provided to each member in the form of a CD-Rom. He noted there are many individuals that have not been utilized. Don Spellman and Mike Ruby will go through standards to see where volunteers are needed.

NFSC Organizational Chart of standards was discussed. Don drew the committee's attention to the number of years since each standard received ANSI approval-- see Attachment B.

Don Spellman reviewed a 6-month Sales Report with the committee referencing popular standards that may need to be revised.

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Don Spellman informed the committee of an ISO TC/85 meeting he attended in March at AFNOR Headquarters in Buenos Aires, Argentina. At this meeting, SC 6 met officially for the first time since the committee had been reformed in 2002. He stated the meeting was very active and that the US was well represented. A total of 7 countries attended for 4 days of work by the combined group and by individual subcommittees and working groups. Jean Louis Nigon, Chairman of TC-85 and Harry Farrar, Chairman of TC-85 NTAG attended the meeting.

C. Secretary Report – Pat Schroeder

Pat Schroeder provided several reports:

- 1.) NFSC Activity Report – Attachment C
- 2.) Status of Standards by Subcommittee – Attachments F, G, H, I, K, L, M, N as noted below by subcommittee
- 3.) Draft Volunteer Procedures – Attachment D

Action Item 6/04-02 Pat to check with ANSI regarding early extension dates requested and the effect on future requests.

D. Standards Coordinator

Don Spellman explained that in the future he would like the NFSC Vice Chair to provide a report as the Standards Coordinator.

5. Election of NFSC Vice Chair

Don Spellman announced that Mike Ruby was elected Vice Chair by popular vote that had been conducted prior to this meeting.

6. Subcommittee Reports

Action Item 6/04-03 Don Spellman, Mike Ruby, and Pat Schroeder to update NFSC Organizational Chart.

A. ANS-21 Nuclear Power Plant Design Criteria & Operations – M. Ruby

Mike Ruby provided a status report for Subcommittee ANS-21 -- Attachment E. The ANS Status of Standards/Subcommittee 21 was also reviewed – Attachment F. Mike Cross expressed a concern of the term “historical – not for use” as the NRC has endorsed several of our standards that are currently historical. Additional concerns were expressed with the sale of historical standard, if a stamp was used and what it said.

Action Item 6/04-04 Pat Schroeder to research if a stamp was being used to indicate “historical” on sold historical standards.

B. ANS-22 Nuclear Power System Level Design -- R. Hill
See ANS Status of Standards/Subcommittee 22 – Attachment G.

C. ANS-23 Decommissioning and Site Remediation -- D. Eggett

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The ANS Status of Standards/Subcommittee 23 – Attachment H.

Action Item 6/04-05 Don Spellman to check with DOE to see if they will support – 3.12.1 & 3.12.3

Action Item 6/04-06 Don Eggett to take 41.2, 41.3 & 41.4 & 41.6 for DD&R review to determine need for revision of these standards.

D. ANS-24 Analysis -- A. Wehrenberg

The ANS Status of Standards/Subcommittee 24 was reviewed by the committee – Attachment I.

Action Item 6/04-07 Andy Wehrenberg to get a hold of Carl Beyer WGC-5.4. May need to contact Emory Collins as well.

Action Item 6/04-08 Pat Schroeder to move ANS-5.9 to ANS-22 & notify Rick Hill of move.

Action Item 6/04-09 Andy Wehrenberg to look for new WGC for ANS-18.1.

E. ANS-25 Siting -- C. Mazzola

Carl Mazzola provided the committee a report – Status of the NFSC ANS-25 Subcommittee on Siting – Attachment J. The ANS Status of Standards/Subcommittee 25 was provided as well – Attachment K.

The committee discussed reasons to reinvigorate a standard in connection with ANS-2.3, “Standard for Estimating Tornado and Extreme Wind Characteristics at Nuclear Power Sites.” John Stevenson said he was getting a signal from NRC that they will not accept a revision of this standard.

Bill Reuland is writing guidelines on reasons to write new standards.

Action Item 6/04-10 John Stevenson should contact NRC to check for interest in reinvigorating ANS-2.3.

Action Item 6/04-112 John Stevenson to complete PINS for revision of ANS-2.3.

Action Item 6/04-12 Carl Mazzola will call Alan Weber/DOE to work on ANS-2.3.

Action Item 6/04-13 Carl Mazzola to complete PINS for ANS-2.9 & ANS-2.22.

F. ANS-26 Emergency Planning/Issues for New EP Standards for Terrorists Acts –
C. Brown/E. Lloyd

The ANS Status of Standards/Subcommittee 26 was provided – Attachment L.

G. ANS-27 Fuel Cycle and Waste Management -- F. Pineau

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The ANS Status of Standards/Subcommittee 27 was provided – Attachment M.

H. ANS-28 Gas-Cooled Reactor Standards -- M. LaBar

Malcom LaBar explained that he has experiencing difficulty in getting volunteers. ANS-28 was set to hold a meeting on Wednesday from 8:00am – 12pm where they will address the scope for new safety criteria standard. The ANS Status of Standards/Subcommittee 28 was provided – Attachment N.

Action Item 6/04-14 Pat Schroeder to send Malcolm LaBar PINS of ANS-51.1 & ANS-52.1.
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7. Action Items

See Attachment O.

8. Liaison Reports

A. ASME/NQA – C. Moseley

See ASME NQA Liaison Report to ANS NFSC provided by Chuck Moseley – Attachment P.

B. BNC&S – J. Stevenson

John reported that ASME was moving ahead on internationalization. He also suggested that ANS continue to move in that direction as well. ASME will present their standards at an international meeting in St. Petersburg (Russia) on June 27 & 28.

C. IEEE NPEC -- D. Spellman

No Report

D. ANSI -- P. Schroeder

E. ANS RISC -- J. Mallay

F. TC 85/SC-6 -- D. Spellman

Discussed previously.

Action Item 6/04-15 Don Spellman will contact the Canadian Nuclear Society and AECL, Inc. to discuss possible liaison members to NFSC.
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8. Old Business

A. Flow Chart for Standards Maintenance -- B. Reuland/M. Wright

B. Status of NFSC Glossary -- R. Scott

C. ANS Website Update -- P. Schroeder

Pat explained that Sue Peccatiello has been working on updating the website. Don Spellman noted that the NFSC Calendar was not working properly.

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D. Policies and Procedures Revisions -- J. Saldarini

Jim Saldarini provided a Status Report on the NFSC Policy and Procedures Draft – See Attachment Q

Action Item 6/04-16 Jim Mallay to provide Jim Saldarini a copy of new Standards Board Policy on working groups.

Once Jim Saldarini is able to go through all the comments, they will be turned over to Don Spellman and Jim Mallay (NFSC EX Com) to make final changes.

The meeting was abruptly adjourned at 5:15pm before agenda items were completed as another group had the room reserved.

Respectfully submitted,
Patricia Schroeder, ANS Standards Administrator