

## Standards Board (SB) Pre-Meeting

May 30, 2024

VIRTUAL

Attended	Voting Member Name	Role	Company
x	Todd Anselmi	Vice Chair (2024) At-Large (2026)	Idaho National Laboratory
x	Robert Becse	At-Large (2025)	Westinghouse Electric Company LLC
x	Robert Budnitz	At-Large (2026)	Consultant
x	Jennifer Call	At-Large (2024)	Tennessee Valley Authority
x	Brandon Chisholm	At-Large (2026)	Southern Company
	Michelle French	Ex-Officio	Westinghouse Government Services
x	Gale Hauck	Ex-Officio	Oak Ridge National Laboratory
x	Dennis Henneke	Ex-Officio	GE Hitachi
x	Mark Joseph	Ex-Officio	Navarro Research & Engineering
x	Robert Kalantari	At-Large (2025)	Engineering Planning & Management, Inc.
x	Jean-Francois "Jef" Lucchini	Ex-Officio	Los Alamos National Laboratory
x	Leah Parks for Carl Mazzola	Ex-Officio	Los Alamos National Laboratory
x	Frances Pimentel	At-Large (2026)	Nuclear Energy Institute
x	Mehdi Reisi-Fard	At-Large (2025)	U.S. Nuclear Regulatory Commission
	Andrew Smetana	Ex-Officio	Individual
x	Andrew Sowder	Chair (2024) At-Large (2026)	Electric Power Research Institute
	Kent Welter	At-Large (2026)	NuScale Power
x	Larry Wetzel	Ex-Officio	Individual
15	15/18 Votes = 83.33% Participation		
Attended	Nonvoting Member Name	Role	Company
x	Scottman Ammons	INPO Liaison	Institute of Nuclear Power Operations
x	Jarvis Caffrey	HPS Liaison	NASA - MSFC
x	Greg Hudson	Guest	
x	N. Prasad Kadambi	RP3C Chair/ANSI Liaison	Kadambi Engineering Consultants
x	Benjamin Parks	Observer	U.S. Nuclear Regulatory Commission

### 1. Welcome and Roll Call

SB Chair Andrew Sowder initiated the meeting. Members were welcomed. Roll call was taken, and a quorum was achieved.

## 2. Approval of Agenda

The agenda was approved as presented with flexibility to move discussion items as needed to accommodate schedules.

## 3. SB Chair Remarks

### A. Pre-Meeting Purpose

The pre-meeting was scheduled to lighten the agenda for the in-person meeting scheduled on June 18, 2024. Andrew Sowder congratulated Larry Wetzel on being selected as the 2024 Standards Service Award recipient and thanked the selection committee for their time to review nominations.

### B. Other

Nothing other was reported.

## 4. Nuclear Nonproliferation Standards

Andrew Sowder was questioned at a recent Professional Division Committee (PDC) meeting on whether ANS developed standards on nuclear nonproliferation. The question was from the Nuclear Nonproliferation Policy Division Vice Chair. ANS has not been involved in developing standards on nonproliferation so Sowder thought it would be a good discussion for the Standards Board.

Budnitz stated that our standards cover analysis and measurement and feels that nonproliferation would fit under the broad scope of ANS standards. A third area may be qualifying individuals. The sentiment of Standards Board members is that more information is needed before pursuing standards on nonproliferation. This includes finding out what standards or guidance already exist and who the audience would be. Organizations to check with include the Institute of Nuclear Materials Management (INMM) and the International Atomic Energy Agency (IAEA). Additionally, case studies could be reviewed from the European Union, Japan, and Canada and the [International Convention on the Suppression of Acts of Nuclear Terrorism](#) April 2005; entry into force July 2007. [ANS Position Statement #55](#), Nonproliferation, was recognized as was draft standard ANS-60.1, *Civilian Nuclear Export Controls*, currently in development. Sowder suggested that the first step should be for him to reach out to the National Nuclear Security Administration (NNSA) to get an international perspective on nonproliferation standards and guidance. Sowder will also get back to the Nuclear Nonproliferation Policy Division Vice Chair. Robert Becse has been involved in the ANS Certification Program and does not believe that nuclear nonproliferation is being included. Pat Schroeder will confirm whether the ANS certification program includes the topic of nuclear nonproliferation with Dan Goldberg.

ACTION ITEM 5/2024-01: Andrew Sowder to reach out to NNSA for their international perspective on nonproliferation standards/guidance. Based on the information from the NNSA, Sowder will decide if further investigation is needed with INMM and IAEA documents that may be available and whether research is need on European Union, Japan, and Canada efforts and the "[International Convention on the Suppression of Acts of Nuclear Terrorism](#)."

DUE DATE: August 1, 2024

ACTION ITEM 5/2024-02: Andrew Sowder to let the Nuclear Nonproliferation Policy Division Vice Chair [Shikha Prasad] know of the Standards Board discussion on nuclear nonproliferation standards and get their input.

DUE DATE: July 1, 2024

ACTION ITEM 5/2024-03: Pat Schroeder to check with Dan Goldberg to see if the ANS certification program includes nuclear nonproliferation.

DUE DATE: June 15, 2024

## 5. Glossary Report

The glossary report was rescheduled for the June 18, 2024, meeting.



5\_Glossary Report  
March 12 2024.docx

## 6. Potential Standards Panel at the 2024 ANS Winter Meeting in Orlando

The subject of a standards panel has been suggested before. Andrew Sowder feels that a standards panel would be beneficial to highlight the work that is being done on standards. Leah Parks explained that she is working with the Young Member Group (YMG) on a division technical session on standards for the 2024 ANS Winter Meeting. Parks has enlisted the help of Research and Advanced Reactor Consensus Committee Chair Gale Hauck. The panel session will be a younger audience to get them excited about joining standards and lean on the side of professional development. Basic information on standard development would be provided. The intent would be to keep it light, fun, and engaging. Standards Board members felt that the YMG is a great audience for the panel session. Larry Wetzel informed members that the ANS-8 Subcommittee is planning a poster session for the 2024 Winter meeting. They have held a poster session many times before, usually every few years. Sowder suggested that we keep a poster session in mind to include all ANS standards in the future. Parks thinks it would be good to collocate the poster session and the YMG panel session and will follow up with ANS meetings staff. Standards Board members were encouraged to support the YMG panel session on standards.

ACTION 5/2024-04: Leah Parks to check with the ANS meetings staff to see if the YMG panel session on standards could be collocated with the ANS-8 poster session.

DUE DATE: July 1, 2024

ACTION ITEM 5/2024-05: Members to let Leah Parks (or Pat Schroeder) know if they are interested in supporting the YMG standards panel session at the 2024 ANS Winter Meeting.

DUE DATE: September 1, 2024

## 7. Review of Standards Board June 18, 2024, Agenda

Members reviewed the draft agenda for the June 18, 2024, Standards Board meeting. The only change suggested was to add the Glossary Report to agenda under #11, "Current and Emergent Issues." The lack of an American Society of Mechanical Engineers (ASME) liaison was discussed during the review of the agenda. With the change of the ASME's Board on Nuclear Codes and Standards to the Board on Nuclear, Clean Energy, Power, and Facilities Codes and Standards, a two-way liaison relationship was deemed beneficial. Pat Schroeder was asked to reach out to ASME to facilitate this relationship.



7\_SB  
6-18-24\_Agenda\_DR

ACTION: ITEM 5/2024-06: Pat Schroeder to contact Kate Hyam and Tom Vogan to establish a liaison relationship with ASME.

DUE DATE: July 1, 2024

Also during the review of the agenda for the June meeting, Andrew Sowder announced that Don Eggett will be transitioning into the role of the Advanced Reactor Codes and Standard Collaborative (ARCSC) vice chair and that Pat Schroeder has taken on the role of ARCSC secretary.

**8. Other/New Business**

No other business was addressed.

**9. Review of Action Items from This Meeting**

Action items assigned during the meeting were reviewed and acknowledged.

**10. Adjournment**


The meeting was adjourned.

## Standards Board Action Item Report Updated 5/30/24 (Not discussed at 5/30/24 Meeting)

Action Item	Description	Responsibility	Status/Comments
5/2024-01	Andrew Sowder to reach out to NNSA for their international perspective on nonproliferation standards/guidance. Based on the information from the NNSA, Sowder will decide if further investigation is needed with INMM and IAEA documents that may be available and whether research is need on European Union, Japan, and Canada efforts and the <a href="#">"International Convention on the Suppression of Acts of Nuclear Terrorism."</a> DUE DATE: August 1, 2024	Sowder	OPEN
5/2024-02	Andrew Sowder to let the Nuclear Nonproliferation Policy Division Vice Chair [Shikha Prasad] know of the Standards Board discussion on nuclear nonproliferation standards and get their input. DUE DATE: July 1, 2024	Sowder	OPEN
5/2024-03	Pat Schroeder to check with Dan Goldberg to see if the ANS certification program includes nuclear nonproliferation. DUE DATE: June 15, 2024	Schroeder	OPEN
5/2024-04	Leah Parks to check with the ANS meetings staff to see if the YMG panel session on standards could be collocated with the ANS-8 poster session. DUE DATE: July 1, 2024	L. Parks	OPEN
5/2024-05	Members to let Leah Parks (or Pat Schroeder know if they are interested in supporting the YMG standards panel session at the 2024 ANS Winter Meeting. DUE DATE: September 1, 2024	Members	OPEN
5/2024-06	Pat Schroeder to contact Kate Hyam and Tom Vogan to establish a liaison relationship with ASME. DUE DATE: July 1, 2024	Schroeder	OPEN
12/2023-01	Amir Afzali to work with Dennis Henneke and Robert Budnitz to develop a straw-man proposal on speaking for an ANS committee and a "disclaimer" be shared with the Policy Task Group. DUE DATE: December 21, 2023 (or as soon as possible)	Afzali, Henneke, Budnitz	OPEN
12/2023-02	Pat Schroeder to add a discussion of drafts being consistent with PINS to the next Policy Task Group and consensus committee chair meeting agendas. DUE DATE: December 22 (for the Policy Task Group) DUE DATE: January 25 (for the consensus committee chair meeting)	Schroeder	Completed Subject discussed at both meetings. Requirement for subcommittee chairs to compare draft with PINS before draft issued for submitted ballot will be added to SC Procedural Manual for CCs. Step has already been added to checklist used by ANS staff.
12/2023-03	Pat Schoeder to add a discussion to the Policy Task Group meeting agenda to develop specific expectations for RP3C on balloting, membership, chair terms, etc. DUE DATE: December 22, 2023	Schroeder	Completed PTG discussed and approved a charter and revision of Policy A2. Both were issued 2/21/24 to the SB for approval.
12/2023-04	Andrew Sowder to check with Dr. Pekka Pyy about ANS having a liaison role with NHSI's Working Group 2. DUE DATE: March 1, 2024	Sowder	OPEN
11/2023-01	Pat Schroeder to check if/how the profile section on ANS Collaborate can capture the year a volunteer	Schroeder	Completed The profile section now includes a

	entered the workforce. DUE DATE: January 1, 2024		field specifically for the year a volunteer entered the workforce.
11/2023-02	Andrew Sowder and Todd Anselmi to consider the appropriateness of chair role limits, in particular the RP3C chair role term limit, and possibly announcement of the opportunity to fulfill this role. DUE DATE: March 1, 2024	Sowder, Anselmi	Completed This action was completed in connection with the new RP3C charter and revision to Policy A2. Once approved, a notice will be sent to RP3C members announcing the opportunity to take on the chair and vice chair roles. An election ballot will be held with all interested candidates.
11/2023-03	Donald Eggett to provide Pat Schroeder the notes from the September 2023 NAARR Implementation Board meeting to distribute to the SB. DUE DATE: December 1, 2023	Eggett	OPEN
11/2023-04	Policy Task Group to review the revised Standards Committee Strategic Plan before sending to the SB for approval ballot. DUE DATE: March 1, 2024	Policy Task Grop	OPEN
11/2023-05	Mehdi Reisi-Fard to follow up on feedback from Michelle Sampson, or whoever was assigned, on NRC's review of RP3C's RIPB Guidance Document provided by Prasad Kadambi. DUE DATE: March 1, 2024	Reisi-Fard	OPEN
11/2023-06	Prasad Kadambi to communicate the recommendation for a standard to improve Part 50.69 with performance-based methods to LLWRCC and JCNRM. DUE DATE: March 1, 2024	Kadambi	OPEN
11/2023-07	Pat Schroeder to follow up with ANSI to confirm Prasad Kadambi's membership on the ANSI National Policy Advisory Group. DUE DATE: November 21, 2023	Schroeder	Completed Kadambi has been confirmed as a member of the ANSI National Policy Advisory Group.
11/2023-08	Brandon Chisholm to work with Prasad Kadambi to frame the ask for help from associate members to create a video from training material and CoP presentations; Kathy Murdoch to create a site on ANS Collaborate for associate members to use for collaboration. DUE DATE: January 1, 2024	Chisholm, Kadambi	OPEN
11/2023-09	Pat Schroeder to add a discussion on RP3C's Bylaws to the SB post meeting agenda. DUE DATE: December 1, 2023	Schroeder	Completed The subject was discussed and referred to the PTG. The new RP3C charter and a revision of related Policy A2 was sent to the SB for approval on 2/21/24.
11/2023-10	Jef Lucchini to recommend that the ANS-57.2 and ANS-57.9 working groups contact RP3C for support and report back to Prasad Kadambi. DUE DATE: March 1, 2023	Lucchini	OPEN Lucchini contacted the WGs before the 2023 winter meeting. They did not make enough progress on the revision of the standards at that time to report to RP3C which was communicated to Kadambi. The due date was changed to November 2024.
11/2023-11	Pat Schroeder to include RP3C Chair Prasad Kadambi in the consensus committee chair quarterly meetings. DUE DATE: January 1, 2024	Schroeder	Completed

11/2023-12	Prasad Kadambi and Mark Joseph to discuss using RIPB methods in ANS-2.36, Accident Analysis for Aircraft Crash into Hazardous Facilities, offline. DUE DATE: March 1, 2024 (ongoing)	Kadambi, Joseph	OPEN
11/2023-13	Larry Wetzel to provide the Glossary Review Team NCSCC's feedback on preferred ANS-8 terms. DUE DATE: June 1, 2024	Wetzel	OPEN
11/2023-14	Pat Schroeder to schedule a Policy Task Group meeting. DUE DATE: February 1, 2024	Schroeder	Completed PTG meetings held 12/22/23, 1/16/24, and 2/12/24. Next meeting to be held April 2024.
11/2023-15	Andrew Sowder and Todd Anselmi to discuss the formation of the EAC with the ANS Executive Committee when discussing the Standards Committee Strategic Plan and report back to the SB. DUE DATE: March 1, 2024	Sowder, Anselmi	Completed Meeting held with ANS Executive Committee. They were in agreement to streamline the SC Strategic Plan to be consistent with the ANS Strategic Plan. Additionally, they recognized the importance of supporting the ARCSC and the need to work within resources with the understanding that the EAC will be initiated when possible.
11/2023-16	The SB to revisit the formation of the EAC in a year. DUE DATE: November 1, 2024	Standards Board	OPEN
11/2023-17	Pat Schroeder to work with Greg Hudson and Dennis Henneke to develop a recommended format on tabulation/identification of requirements in ANS Standards DUE DATE: June 1, 2024	Hudson, Henneke, Schroeder	Completed A couple of formats were discussed at the PTG meeting. The PTG agreed that tabulation of requirements and recommendations in ANS standards would be valuable for some ANS standards and that a standardized format should be followed when used. As a PTG member, Spellman took an action to look at the toolkit for inclusion of requirements/ recommendations tabulation in ANS standards. A revised policy was prepared by G. Hudson with changes made by Schroeder to reflect the PTGs directions for Spellman to use.
11/2023-18	Pat Schroeder to check with the ANS Meetings Department to see if there is a set time for provided coffee breaks to align the agenda. DUE DATE: December 1, 2023	Schroeder	Completed The Meetings Department said that coffee break times vary slightly and to check the meeting program. This was done when drafting the June 2024 SB agenda.
11/2023(PM)-01	Pat Schroeder to add 1) protocol for representing/participating ANS (either working groups or committees, but particularly committees) in meetings, 2) process for selection of and length of time for serving as a committee's chairperson, and 3) protocol for compliance with ANS's position statements when developing and issuing standards to the November 14, 2023, Standards Board agenda. DUE DATE: December 1, 2023	Schroeder	Completed Item #2 was discussed at the SB 11/14/23 meeting. Items #1 and #3 were discussed at the SB 12/4/23 meeting.
11/2023(PM)-04	Todd Anselmi to revise the Standards Committee Strategic Plan and provide to the SB prior to the SB	Anselmi	OPEN Will discuss with the Policy Task

	June 2024 meeting. DUE DATE: June 1, 2024		Group by next meeting. Action amended to June 2024 meeting.
6/2023-02	Todd Anselmi with support from Pat Schroeder to update SMART Matrix actions to recognize those that have been completed. DUE DATE: On hold until SC Plan is approved	Anselmi, Schroeder	On Hold The SMART Matrix will be reconfigured to reflect the revision to the SC Strategic Plan once completed.
6/2023-03	Todd Anselmi to lead the 2024 Standards Service Award Selection Committee along with Larry Wetzel, Jef Lucchini, Gale Hauck, and Dennis Henneke. DUE DATE: May 1, 2024	Anselmi, Hauck, Henneke, Lucchini, Wetzel	Completed Selection made to be announced at June 2024 SB meeting.
6/2023-04	Pat Schroeder to explore the establishment of a formal program with universities for limited access to ANS standards including the possibility of "hosting" or having a reseller "host" a platform with e-access to students with ANS Publications Director, John Fabian. DUE DATE: November 1, 2024	Schroeder	OPEN IT support is needed to establish/build a platform. Fabian (ANS Pubs Director) is working with ANS IT.
6/2023-05	Mark Linn (lead), Brandon Chisholm, Medhi Resi-Fard, Donald Spellman, and Robert Kalantari, to form an ad hoc committee to evaluate how to improve the Standards Committee Glossary of Terms and Definitions which should include consideration of a new glossary with one standardize term/definition. Jim August and Garrett Smith to be invited as guests. DUE DATE: March 1, 2024	Linn, Chisholm, Kalantari Resi-Fard, Spellman  (Guests: August & Smith)	OPEN Bi-weekly meetings have been held for the last few months. Trying to figure out a simple criteria that highlights concerns with the Glossary meeting its intended purpose. Linn will engage L. Wetzel.
6/2023-06	Prasad Kadambi and Michelle French to discuss what help is needed from RP3C for LLWRCC. DUE DATE: March 1, 2024	Kadambi, French	OPEN
6/2023-07	Pat Schroeder to facilitate a group discussion on incorporating RIPB methods in ANS-19.13, <i>Initial Fuel Loading and Startup Tests for FOAK Advanced Reactors</i> , if offline discussion between Robert Youngblood and ANS-19.13 Working Group Chair Sam Bays needs additional discussion. Individuals to be included in the group meeting if needed are Andrew Smetana, Robert Budnitz, and Chip Martin. DUE DATE: June 1, 2024	Schroeder	Completed Several communications were sent between Kadambi, Weitzberg, and Bays.
6/2023-13	Donald Spellman to reach out to IEEE about how they handle BOI classification of consultants. DUE DATE: June 1, 2024	Spellman	Completed See lengthy response from IEEE/NPEC Chair following the table of action items.
6/2023-14	Pat Schroeder to provide Andrew Sowder with all background information about ANSI's 2022 balance of interest category change. DUE DATE: December 1, 2023	Schroeder	OPEN Sent 6/14/23    ANSI Essential Requirements & Mis  Schroeder to resend Sowder the background information.
6/2023-15	Don Eggett to follow up on organization's copyright infringing on ANS documentation. (Note: This is a follow up action to ACTION ITEM 6/2021-17.) DUE DATE: March 1, 2024	Eggett	OPEN Schroeder has asked Fabian to check with the ANS attorney.
6/2023-16	Andrew Sowder to recruit liaisons from the Institute of Electrical and Electronics Engineers, Health	Sowder	OPEN An HPS liaison has been



	Physics Society, and National Council on Radiation Protection and Measurements liaison for the SB. (NOTE: ACTION ITEM 11/2022-08 to recruit an IEEE liaison was incorporated.) DUE DATE: June 1, 2024		appointed; could use help on recruiting IEEE liaison related to I&C issues. Eggett suggested for Sowder to contact S. Arndt and/or R. Steinman for help identifying an IEEE liaison.
6/2023-17	Prasad Kadambi to follow up with Garrett Smith for details on DOE's use of ANSI/ANS-2.26-2004 (R2021), Categorization of Nuclear Facility Structures, Systems, and Components for Seismic Design. DUE DATE: June 1, 2024	Kadambi	OPEN

IEEE/NPEC Chair Daryl Harmon:

First thing that comes to mind is that any IEEE member can join the Standards Association by paying an extra fee yearly. That brings the potential set of voters to over 400,000 IEEE members, if they want to vote on standards. Any SA member can vote on any standard and choose the type of standards that they want to see the ballot pool notification for (and simply click to sign up for that ballot pool). I would estimate that the ballot pools for NPEC standards are typically between 50-100. There is a lower limit that I do not remember. Then a certain percentage of the pool must vote within 45 days once the ballot starts and a certain percentage of those voting must approve. I would have to look up the numbers. but I am thinking it is 75% for both (don't quote that).

I don't think NPEC has any standard of our 50+ that we maintain that is only 5 pages. We definitely have some standards exceeding 50 pages. Point being that there is plenty of material to review. The SA ballot process often generates many comments.


During the SA ballot process there must be a best effort by the working group to resolve all comments. After comments are addressed there is a recirculation ballot where voters can change their vote. Typically that is for a negative vote being changed to approve because a critical comment(s) is resolved. However one can change an approval to negative because of a comment resolution that they do not agree with (quite rare but I have seen it). A standard can be approved with a negative ballot having a comment that just cannot be resolved. I would say that happens relatively infrequently because it is incumbent upon the WG to even contact the voter to try to resolve an issue. Also a SA voter can vote to approve with comments, or not approve with selected comments that must be resolved (others being optional).

Another point about comments. I mentioned that both the subcommittee and NPEC approve a standard by vote to go to SA ballot. There is an opportunity, and expectation, that comments from those folks will be resolved in that process before a standard goes out for actual SA ballot to be approved as a consensus standard. For example, it is required that a standard to be previewed at a NPEC meeting is distributed to the 40+ NPEC members a month before the meeting. We members are expected to review it and provide any comments prior to the meeting. That is what I do and most NPEC member comments are usually resolved at that time. I then join the ballot pool once it is formed for all NPEC standards (and a few other types of standards). I rarely make a comment during the actual ballot process in SA for an NPEC standard because my issues were resolved previously. I do check that the ballot version is what I expect based on the NPEC vote. For standards from outside NPEC the SA process is my only chance to comment.

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11/2023-15	Andrew Sowder and Todd Anselmi to discuss the formation of the EAC with the ANS Executive Committee when discussing the Standards Committee Strategic Plan and report back to the SB. DUE DATE: March 1, 2024	Sowder, Anselmi	Completed Meeting held with ANS Executive Committee. They were in agreement to streamline the SC Strategic Plan to be consistent with the ANS Strategic Plan. Additionally, they recognized the importance of supporting the ARCSC and the need to work within resources with the understanding that the EAC will be initiated when possible.
11/2023-16	The SB to revisit the formation of the EAC in a year. DUE DATE: November 1, 2024	Standards Board	OPEN
11/2023-17	Pat Schroeder to work with Greg Hudson and Dennis Henneke to develop a recommended format on tabulation/identification of requirements in ANS Standards DUE DATE: June 1, 2024	Hudson, Henneke, Schroeder	Completed A couple of formats were discussed at the PTG meeting. The PTG agreed that tabulation of requirements and recommendations in ANS standards would be valuable for some ANS standards and that a standardized format should be followed when used. As a PTG member, Spellman took an action to look at the toolkit for inclusion of requirements/ recommendations tabulation in ANS standards. A revised policy was prepared by G. Hudson with changes made by Schroeder to reflect the PTGs directions for Spellman to use.
11/2023-18	Pat Schroeder to check with the ANS Meetings Department to see if there is a set time for provided coffee breaks to align the agenda. DUE DATE: December 1, 2023	Schroeder	Completed The Meetings Department said that coffee break times vary slightly and to check the meeting program. This will be done when drafting the next SB agenda.
11/2023(PM)-01	Pat Schroeder to add 1) protocol for representing/participating ANS (either working groups or committees, but particularly committees) in meetings, 2) process for selection of and length of time for serving as a committee's chairperson, and 3) protocol for compliance with ANS's position	Schroeder	Completed Item #2 was discussed at the SB 11/14/23 meeting. Items #1 and #3 were discussed at the SB 12/4/23 meeting.

	statements when developing and issuing standards to the November 14, 2023, Standards Board agenda. DUE DATE: December 1, 2023		
11/2023(PM)-04	Todd Anselmi to revise the Standards Committee Strategic Plan and provide to the SB prior to the SB June 2024 meeting. DUE DATE: June 1, 2024	Anselmi	OPEN Will discuss with the Policy Task Group by next meeting. Action amended to June 2024 meeting.
6/2023-02	Todd Anselmi with support from Pat Schroeder to update SMART Matrix actions to recognize those that have been completed. DUE DATE: On hold until SC Plan is approved	Anselmi, Schroeder	On Hold The SMART Matrix will be reconfigured to reflect the revision to the SC Strategic Plan once completed.
6/2023-03	Todd Anselmi to lead the 2024 Standards Service Award Selection Committee along with Larry Wetzel, Jef Lucchini, Gale Hauck, and Dennis Henneke. DUE DATE: May 1, 2024	Anselmi, Hauck, Henneke, Lucchini, Wetzel	Completed Selection made to be announced at June 2024 SB meeting.
6/2023-04	Pat Schroeder to explore the establishment of a formal program with universities for limited access to ANS standards including the possibility of "hosting" or having a reseller "host" a platform with e-access to students with ANS Publications Director, John Fabian. DUE DATE: November 1, 2024	Schroeder	OPEN IT support is needed to establish/build a platform. Fabian (ANS Pubs Director) is working with ANS IT.
6/2023-05	Mark Linn (lead), Brandon Chisholm, Medhi Resi-Fard, Donald Spellman, and Robert Kalantari, to form an ad hoc committee to evaluate how to improve the Standards Committee Glossary of Terms and Definitions which should include consideration of a new glossary with one standardize term/definition. Jim August and Garrett Smith to be invited as guests. DUE DATE: March 1, 2024	Linn, Chisholm, Kalantari Resi-Fard, Spellman  (Guests: August & Smith)	OPEN Bi-weekly meetings have been held for the last few months. Trying to figure out a simple criteria that highlights concerns with the Glossary meeting its intended purpose. Linn will engage L. Wetzel.
6/2023-06	Prasad Kadambi and Michelle French to discuss what help is needed from RP3C for LLWRCC. DUE DATE: March 1, 2024	Kadambi, French	OPEN
6/2023-07	Pat Schroeder to facilitate a group discussion on incorporating RIPB methods in ANS-19.13, <i>Initial Fuel Loading and Startup Tests for FOAK Advanced Reactors</i> , if offline discussion between Robert Youngblood and ANS-19.13 Working Group Chair Sam Bays needs additional discussion. Individuals to be included in the group meeting if needed are Andrew Smetana, Robert Budnitz, and Chip Martin. DUE DATE: June 1, 2024	Schroeder	OPEN? Several communications were sent between Kadambi, Weitzberg, and Bays.
6/2023-13	Donald Spellman to reach out to IEEE about how they handle BOI classification of consultants. DUE DATE: June 1, 2024	Spellman	Completed See lengthy response from IEEE/NPEC Chair following the table of action items.
6/2023-14	Pat Schroeder to provide Andrew Sowder with all background information about ANSI's 2022 balance of interest category change. DUE DATE: December 1, 2023	Schroeder	Completed Sent 6/14/23  ANSI Essential Requirements & Mis

6/2023-15	Don Eggett to follow up on organization's copyright infringing on ANS documentation. (Note: This is a follow up action to ACTION ITEM 6/2021-17.) DUE DATE: March 1, 2024	Eggett	OPEN Schroeder has asked Fabian to check with the ANS attorney.
6/2023-16	Andrew Sowder to recruit liaisons from the Institute of Electrical and Electronics Engineers, Health Physics Society, and National Council on Radiation Protection and Measurements liaison for the SB. (NOTE: ACTION ITEM 11/2022-08 to recruit an IEEE liaison was incorporated.) DUE DATE: June 1, 2024	Sowder	OPEN An HPS liaison has been appointed; could use help on recruiting IEEE liaison related to I&C issues. Eggett suggested for Sowder to contact S. Arndt and/or R. Steinman for help identifying an IEEE liaison.
6/2023-17	Prasad Kadambi to follow up with Garrett Smith for details on DOE's use of ANSI/ANS-2.26-2004 (R2021), Categorization of Nuclear Facility Structures, Systems, and Components for Seismic Design. DUE DATE: June 1, 2024	Kadambi	OPEN

Response to Action Item 6/2023-13 from IEEE/NPEC Chair Daryl Harmon:

First thing that comes to mind is that any IEEE member can join the Standards Association by paying an extra fee yearly. That brings the potential set of voters to over 400,000 IEEE members, if they want to vote on standards. Any SA member can vote on any standard and choose the type of standards that they want to see the ballot pool notification for (and simply click to sign up for that ballot pool). I would estimate that the ballot pools for NPEC standards are typically between 50-100. There is a lower limit that I do not remember. Then a certain percentage of the pool must vote within 45 days once the ballot starts and a certain percentage of those voting must approve. I would have to look up the numbers. but I am thinking it is 75% for both (don't quote that).

I don't think NPEC has any standard of our 50+ that we maintain that is only 5 pages. We definitely have some standards exceeding 50 pages. Point being that there is plenty of material to review. The SA ballot process often generates many comments.

During the SA ballot process there must be a best effort by the working group to resolve all comments. After comments are addressed there is a recirculation ballot where voters can change their vote. Typically that is for a negative vote being changed to approve because a critical comment(s) is resolved. However one can change an approval to negative because of a comment resolution that they do not agree with (quite rare but I have seen it). A standard can be approved with a negative ballot having a comment that just cannot be resolved. I would say that happens relatively infrequently because it is incumbent upon the WG to even contact the voter to try to resolve an issue. Also a SA voter can vote to approve with comments, or not approve with selected comments that must be resolved (others being optional).

Another point about comments. I mentioned that both the subcommittee and NPEC approve a standard by vote to go to SA ballot. There is an opportunity, and expectation, that comments from those folks will be resolved in that process before a standard goes out for actual SA ballot to be approved as a consensus standard. For example, it is required that a standard to be previewed at a NPEC meeting is distributed to the 40+ NPEC

members a month before the meeting. We members are expected to review it and provide any comments prior to the meeting. That is what I do and most NPEC member comments are usually resolved at that time. I then join the ballot pool once it is formed for all NPEC standards (and a few other types of standards). I rarely make a comment during the actual ballot process in SA for an NPEC standard because my issues were resolved previously. I do check that the ballot version is what I expect based on the NPEC vote. For standards from outside NPEC the SA process is my only chance to comment.