

Standards Board (SB)

December 2, 2021

Attended	Voting Member Name	Role	Company
x	Amir Afzali	At-Large (2023)	Southern Nuclear Operating Company
x	Jennifer Call	At-Large (2024)	Tennessee Valley Authority
x	Donald Eggett	Chair (2022) At-Large (2023)	Eggett Consulting LLC
x	George Flanagan	Ex-Officio	Individual
x	Michelle French	Ex-Officio	WECTEC
x	Dennis Henneke	Ex-Officio	GE Hitachi
x	Mark Linn	At-Large (2023)	Individual
x	Jean-Francois "Jef" Lucchini	Ex-Officio	Los Alamos National Laboratory
x	Charles "Chip" Martin	Ex-Officio	Longenecker and Associates
x	Carl Mazzola	Vice Chair (2022) At-Large (2023) Ex-Officio	Los Alamos National Laboratory
	John Nakoski	At-Large (2023)	U.S. Nuclear Regulatory Commission
x	Andrew Smetana	Ex-Officio	Individual
x	Andrew Sowder	At-Large (2024)	Electric Power Research Institute
	Donald Spellman	At-Large (2023)	Xcel Engineering
x	Steven Stamm	At-Large (2024)	Individual
x	William Turkowski	At-Large (2022)	Westinghouse Electric Company LLC
x	Larry Wetzel	Ex-Officio	BWX Technologies, Inc.
15/17 Votes = 88.2% Participation			
Attended	Nonvoting Member Name	Role	Company
x	Douglas Bowen	Observer	Oak Ridge National Laboratory
x	Robert Budnitz	Observer	Lawrence Berkeley National Laboratory (retired)
x	Sudesh Gambhir	Liaison	Institute of Nuclear Power Operations
x	Calvin Hopper	Observer	Individual
x	Prasad Kadambi	Observer	Kadambi Engineering Consultants
x	Robert Kalantari	Observer	Engineering Planning & Management, Inc.
x	John Mahoney	BOD Liaison	High Expectations International, LLC
x	Frances Pimentel	Observer	Nuclear Energy Institute
Attended	Guest Name	Role	Company
x	Temí Adeyeye	Guest	Westinghouse Electric Company
x	Mandy Bowles Tomaszewski	Guest	Los Alamos National Laboratory
x	Zachery Diezel	Guest	Unknown
x	Greg Hudson	Guest	Metcalf PLLC
x	John Lint	Guest	Savannah River Nuclear Solutions
x	Louise Lund	Guest	U.S. Nuclear Regulatory Commission
x	Andrea Maioli	Guest	Westinghouse Electric Company LLC

Attended	Voting Member Name	Role	Company
x	Garrett Smith	Guest	U.S. Department of Energy
x	Clifford Stanley	Guest	Los Alamos National Laboratory
x	Juan Valderrama	Guest	ANS University of Florida Student Section
x	Robert Youngblood	Guest	Idaho National Laboratory

A three-part transcript of the meeting is embedded here to provide detailed discussions.



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Part2_SB_12-2-21_Tra
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Part3_SB_12-2-21_Tra
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1. Welcome and Roll Call

A roll call was taken, and a quorum was established. SB Chair Donald Eggett welcomed all. He recognized Jennifer Call, Tennessee Valley Authority, as a new at-large member and Douglas Bowen, Oak Ridge National Laboratory, as a new observer. Eggett informed members that Steven Stamm has requested that his responsibilities of the glossary and SMART Matrix be reassigned due to his challenging health condition. Eggett added that there has been much talk about standards at this November/December 2021 Winter meeting that he is attending and much interest expressed by young professionals to get involved in standards.

2. Approval of Agenda

The agenda was approved as presented with the flexibility to move agenda items around to accommodate schedules.

3. SB Chair Report

A. Reminder on ANS's Respectful Behavior Policy and Statement on Diversity
[\(Link to Respectful Behavior Policy\)](#) [\(Link to Statement on Diversity\)](#)
 Donald Eggett emphasized the need to adhere to professionalism in all discussions.

B. Report to the Board of Directors
 Eggett summarized his report to the Board of Directors which is provided as an embedded file.



SB
 Chair_2021_Winter_Me

C. Report from ANS President's Special Session
 Eggett attended the ANS President's Special Session held Tuesday, November 30, 2021, at the Winter Meeting. A question was posed on what the SB was doing in regard to standards which led to a number of questions and standards discussion, in general, during that session. Other topics discussed at the session include policy engagement and education. ANS President Steven Nesbit talked about COP 26, the pending decommissioning of Diablo Canyon, and nuclear waste management issues, and the formation of an ANS committee on this subject. The update of the ANS Bylaws and Rules and co-locating meetings was also discussed.

D. Status on ANS/ASME Nuclear Standards Collaborative



ANS_ASMEDraftJoint
Proposal_U.S.NSAC_7

The concept of a Nuclear Standards Collaborative was approved by both the ANS SB and American Society of Mechanical Engineers (ASME) Board on Nuclear Codes and Standards during the summer of 2021. The next step is for the two societies to work out the logistics to begin this Collaborative. Eggett sees the Collaborative as a significant initiative needed for the industry. There currently is no set timetable for its formation, but Eggett has been tasked by ANS senior management to begin working on a near-term action plan.

E. General Comments on Various SB Initiatives

Eggett will be looking to all SB members including voting members, observers, and liaisons to take on assigned individual assignments requested by the SB Chair in support of SB significant initiatives. Populating the SB task groups is one of the key areas in need of Board support. Members were also reminded on the importance to submit ballots when requested along with any comments on the ballot contents.

4. SB Vice Chair Report

A. Standards Service Award

SB Vice Chair Carl Mazzola reported on the following:

- Recognition of Stanley Levinson as the 2021 Standards Service Award recipient
- Nominations for 2022 Standards Service Award are due March 1, 2022.
- Action Item 6/2021-02 was created for Carl Mazzola to lead the 2022 Standards Service Award Selection Committee with support from Amir Afzali, Dennis Henneke, John Nakoski, William Turkowski, and Larry Wetzel. The nominating committee for the 2022 award has been established and will begin its work as soon as nominations are received.

B. CC Capabilities Matrix/Appropriate CC Membership Size



4B_CC_Combined_Capabilities.pdf

Mazzola explained that the Capabilities Matrix was prepared for each of the seven ANS consensus committees as a balance check to ensure each has sufficient expertise in areas of responsibilities. This matrix was not needed from the Joint Committee on Nuclear Risk Management (JCNRM) because their membership was already comprised of the necessary expertise to carry out their roles and responsibilities. The matrices helped to identify areas that existing consensus committee members could fill, or that new members should be recruited. These matrices are living documents with recommended changes to the technical needs of the consensus committee membership on an as-needed basis. The next revision should include capabilities in risk-informed, performance-based (RIPB) methods.

ACTION ITEM 12/2021-01: The next revision of the capabilities matrices should include capabilities in RIPB methods.

DUE DATE: June 1, 2022

The matrices will also enable sharing of needed expertise between consensus committees. The proposed volunteer database currently in development will aid in this effort as well.

5. Secretary Report

Pat Schroeder presented the secretary report embedded below. The report includes a staff report, sales report, and associate member report.



Secretary-Staff%20Report%20for%202012-2-

6. Review of Open Action Items Report

A. Report on Open Action Items

Open action items were reviewed. The action item status report can be found following these minutes. The following new action items were assigned during the discussion:

ACTION ITEM 12/2021-01: Donald Eggett to consider whether guidance is needed on the membership make up for subcommittees and working groups.
DUE DATE: June 1, 2022

ACTION ITEM 12/2021-02: Carl Mazzola to add the following action to the SMART Matrix: William Turkowski to make a presentation on the RP3C Guidance Document to the ANS Professional Division Committee.
DUE DATE: February 1, 2022

ACTION ITEM 12/2021-03: Pat Schroeder to send William Turkowski the trial-use RP3C Guidance Document, the draft Guidance Document recently issued to the RP3C for ballot, and a copy of the training presentation.
DUE DATE: December 15, 2021

ACTION ITEM 12/2021-04: William Turkowski, with support of Prasad Kadambi, to make a presentation on the RP3C Guidance Document at a Professional Divisions Committee meeting.
DUE DATE: June 1, 2022

B. Concurrence to Close Report of Completed Action Items

The list of completed action items is embedded here.



6B_SB_COMPLETED_ActionItemReport.docx

Members were provided a few minutes to review the report of completed action items after which the following motion was made:

MOTION:

To close the list of completed action items.

The motion was approved unanimously.

7. SMART Matrix Goals and Objectives / Progress on Goals & Objectives



SMART%20MATRIX-1
0-31-2021.xlsx

A. Progress Report

Carl Mazzola has assumed management of the SMART Matrix due to Steven Stamm's current health situation. Comments on the SMART Matrix since the October 31, 2021, update still need to be incorporated.

ACTION ITEM 12/2021-05: Carl Mazzola to update the SMART Matrix.

DUE DATE: February 1, 2022

B. New Actions and SB Assignments

- Formation of the Executive Advisory Committee (EAC)
- Task Groups Actions

Donald Eggett suggested that the Policy Task Group evaluate the need for the EAC and to ensure there is no duplication of effort with the External Communications Task Group, the proposed joint ANS/ASME Nuclear Standards Collaborative, or the Priority Task Group.

ACTION ITEM 12/2021-06: Policy Task Group to evaluate the need for the Executive Advisory Committee (EAC) and to ensure there is no duplication with the External Communications Task Group, the proposed joint ANS/ASME Nuclear Standards Collaborative (once formed), or the Priority Task Group.

DUE DATE: June 1, 2022

8. Current and Emergent Issues

A. Advanced Reactor Working Group (ARWG)

Prasad Kadambi reported that he was asked by ANS President Steven Nesbit in October to lead the ARWG under the Operations and Power Division with support from the Nuclear Installations Safety Division and Fuel Cycle and Waste Management Division along with the SB. The focus will be on 10 CFR 53 with the purpose of representing ANS as a stakeholder. Kadambi is waiting for the participating professional divisions to have their executive committee meetings before calling the first ARWG meeting. The group is in the formation stage. Kadambi will look to Donald Eggett on establishing the appropriate SB interface.

B. Volunteer Database

An update on the volunteer database was provided. A methodology to utilize ANS Collaborate as a volunteer database has been developed. Pat Schroeder is working with Donald Spellman to develop a list of keywords to incorporate into ANS Collaborate.

C. JCNRM Subcommittee Reorganization

Dennis Henneke provided a summary of the JCNRM subcommittee reorganization that is in the proposal stage with JCNRM. He explained the current structure and the need for the reorganization due to additional projects gaining approval of the American National Standards Institute (ANSI). The proposed structure will better distribute the workflow within that consensus committee. JCNRM is expected to ballot the proposed reorganization within the next month for implementation in early 2022.

D. Path forward for ANS-30.1, *Integrating Risk and Performance Objectives into New Reactor Nuclear Safety Designs*

Mark Linn's presentation on ANS-30.1 is embedded here.



Status%20of%20ANS
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Donald Eggett recognized that a special meeting was held on November 23 in advance of today's SB meeting to provide additional time for discussion for those Board members who could not participate in the November 23 meeting. Linn focused his discussion on review of the four pillars for RIPB design requirements in ANS-30.1. The draft was recently issued to the Advanced Initiatives Subcommittee, Risk-informed, Performance-based Principles and Policy Committee (RP3C), and the Subcommittee on Risk Application (SCoRA). Sentiments of the comments were shared. With consideration of the history and objections, the working group asked to elevate the path forward to the SB. The prudence on proceeding with a standard that does not currently have industry support was vigorously debated by SB members.

Linn suggested that the SB consider whether there is merit to continuing ANS-30.1 in some form or whether the project should be immediately terminated with no derivative product to be developed. If the SB votes to approve continuing ANS-30.1 in some form, the path forward could be: 1) continue as a standard, 2) continue as a guidance document, or 3) continue in some alternate format such as for training material. This may mean that the framework approved years ago through the Project Initiation and Notification System (PINS) process would need revision.

With mixed sentiments expressed on the path forward for ANS-30.1, the following motion was made to see whether the majority of the SB members saw a future for ANS-30.1:

MOTION #1:

To terminate work on ANS-30.1 with no alternate product to be produced.

The motion failed with 14 opposed (Afzali, Call, Eggett, Flanagan, French, Linn, Lucchini, Martin, Mazzola, Smetana, Sowder, Stamm, Turkowski, Wetzel) and 1 in favor (Henneke).

With the motion to terminate all work on ANS-30.1 failing, the following second motion was made:

MOTION #2:

To convert the focus and content of ANS-30.1 to a guidance document.

In discussion of motion #2 on the floor, the following two failed amendments to this motion were made:

FIRST AMENDMENT TO MOTION #2:

To convert the focus and content to a guidance document or realign into a less formal pathway (published paper, training, etc.)

The amended motion failed with 7 in favor (Afzali, Call, Eggett, Henneke, Lucchini, Stamm, Wetzel) and 7 opposed (Flanagan, French, Linn, Martin, Mazzola, Smetana, Sowder).

SECOND AMENDMENT TO MOTION #2:

To convert the focus and content of ANS-30.1 to a guidance document or trial-use standard.

Voting on the second amendment to motion #2 was stopped before all members were polled as it was determined there wouldn't be a sufficient number of members to pass the amended motion.

The vote when it was stopped included 10 opposed (Afzali, Call, Eggett, Flanagan, French, Henneke, Lucchini, Martin, Mazzola, Smetana), and 1 abstention (Linn).

With one amendment withdrawn and two amendments failed, a vote was taken for the following motion on the floor:

MOTION #2 (copied from above):

To convert the focus and content of ANS-30.1 to a guidance document.

This motion passed with 11 in favor (Afzali, Call, Eggett, Flanagan, French, Lucchini, Martin, Mazzola, Smetana, Sowder, Wetzel), 1 abstention (Linn), and 2 opposed (Henneke, Stamm).

- E. Other Current and Emergent Issues
No other issues were discussed.

9. Risk-informed, Performance-based Principles and Policy Committee (RP3C) Report

- A. RP3C Meeting Report
Prasad Kadambi presented the embedded report.



Report%20to%20SB_12-2-21_VirtualMeetin

- B. Consensus Committee/RP3C Collaboration
The reports embedded here provide projects in collaboration.



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le%20for%20ANS%20onTrackingSchedule_L

- C. RIPB Guidance Document and Training Plan Status
See the RP3C report embedded under 9A for the status.
- D. RIPB Community of Practice Report
See the RP3C report embedded under 9A for the report.

10. Consensus Committee Chair Reports

Consensus committee chair reports were reviewed. See the combined reports embedded here for full details.



10_Combined_CCC_R eports.pdf Top 20 Ranked Standards from 2015

- A. Environmental and Siting Consensus Committee (ESCC)
See the embedded report under 10.
- B. Fuel, Waste, and Decommissioning Consensus Committee (FWDC)C)
See the embedded report under 10.
- C. Joint Committee on Nuclear Risk Management (JCNRM)
See the embedded report under 10.
- D. Large Light Water Reactor Consensus Committee (LLWRCC)
See the embedded report under 10. Additionally, Michelle French, LLWRCC Chair, added that the LLWRCC discussed the proposed risk-informed emergency-preparedness guidance document at the meeting last month. A PINS Form is in development. Also, the LLWRCC has been approached by Boston Dynamics on developing robotics standards.
- E. Nonreactor Nuclear Facilities Consensus Committee (NRNFCC)
See the embedded report under 10.
- F. Nuclear Criticality Safety Consensus Committee (NCSCC)
See the embedded report under 10.
- G. Research and Advanced Reactors Consensus Committee (RARCC)
See the embedded report under 10.
- H. Safety and Radiological Analyses Consensus Committee (SRACC)
See the embedded report under 10. Andrew Smetana informed the SB that the SRACC has not been successful in acquiring subject matter experts to initiate ANS-58.15, *Criteria for Severe Accident Evaluation*, ranked #1 on the 2015 priority survey.

11. Other Committee Reports

A. Standards Board Task Group (TG) Reports

The list of task groups with charters and members is embedded here for reference:



SB Task Group
Charters-Members U

- Policy Task Group Report
Donald Eggett will be generating recommendations on Policy Task Group issues.
- External Communications Task Group Report
No report provided.
- Internal Communications Task Group Report
No report provided.



PD-SC%20Liaisons%20List%20Spreadsheet

- Professional Division (PD)/Standards Committee (SC) Liaisons Program Report
- PD/SC Liaisons Program Status Update
- CC/PD Interface Activities (all interfaces including current meeting)

- Priority Task Group Report
The group has not been reconstituted.
- Sales Task Group Report
Jennifer Call reported that the Sales Task Group has held a couple of meetings, and another meeting will be held next week. This task group hopes to have formal recommendations by June 2022.

B. Liaison reports (External Liaisons to the Standards Board)

- American Concrete Institute (ACI)
The liaison position is currently open.
- American National Standards Institute (ANSI)
No report provided.
- American Society of Civil Engineers (ASCE)
Carl Mazzola reported that an invitation has been extended to Michael Salmon with ASCE to join the ESCC as a liaison. Salmon has agreed but needs formal approval from ASCE which is being sought.
- American Society of Mechanical Engineers (ASME)/NQA-1
See the embedded report from Charles Martin.



Liaison Report to
ANS SB on ASME-NQ.

- Electrical Power Research Institute (EPRI)
See the embedded report from Andrew Sowder.



2021 Dec 2 - EPRI
Report to SB on SDO

- Health Physics Society (HPS)
The liaison position is currently open.
- Institute of Electrical and Electronics Engineers (IEEE)/Nuclear Power Engineering Committee (NPEC)
See the embedded reports provided by Donald Spellman from Richard Wood with the University of Tennessee, Knoxville.



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- Institute of Nuclear Power Operations (INPO)
See the embedded report from Sudesh Gambhir.



INPO_Report_Winter
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- International Organization of Standardization (ISO)/Technical Committee (TC) 85/Subcommittee (SC) 6/Nuclear Technical Advisory Group (NTAG)
No report provided.
- National Council on Radiation Protection (NCRP)
The liaison position is currently open.
- Nuclear Energy Institute (NEI)
See the embedded report provided by Frances Pimentel.



NEI%20Report%20to
%20ANS%20Standard

In addition, Pimentel reported that a public NRC meeting will be held to discuss NEI's recommendation not to endorse IEEE-1819, *IEEE Standard for Risk-Informed Categorization and Treatment of Electrical and Electronic Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities*.

ACTION ITEM 12/2021-07: Frances Pimentel to provide the details to join the public NRC meeting on endorsement of IEEE-1819, *IEEE Standard for Risk-Informed Categorization and Treatment of Electrical and Electronic Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities*.
DUE DATE: When the meeting is scheduled.

- National Fire Protection Association (NFPA)
The liaison position is currently open.
- U.S. Nuclear Regulatory Commission (NRC)
Louise Lund reported that there will be a public NRC meeting to gain feedback from the industry on the use and endorsement of IEEE standards. The meeting is expected to be virtual.

12. Review of Action Items from This Meeting

Action items assigned during the meeting were reviewed.

13. Other Business

No other business was discussed.

14. Future Meetings

ANS meetings scheduled in 2022 are as follows:

- ANS Annual Meeting in Anaheim, California, at the Anaheim Hilton from June 12-16, 2022
- ANS Winter Meeting in Phoenix, Arizona, Arizona Grand Resort from November 13-17, 2022

The SB plans to hold a meeting on Tuesday of both meetings, hopefully physical meetings.

15. Adjournment

The meeting was adjourned with no further business.

Standards Board Action Item Status Report (from 12/2/21 meeting)

Action Item	Description	Responsibility	Status/Comments /Reassignments
12/2021-01	Donald Eggett to consider whether guidance is needed for the membership make up of subcommittees and working groups. DUE DATE: June 1, 2022	Eggett	OPEN
12/2021-02	Carl Mazzola to add the following action to the SMART Matrix: William Turkowski to make a presentation on the RP3C Guidance Document to the ANS Professional Division Committee. DUE DATE: February 1, 2022	Mazzola	OPEN
12/2021-03	Pat Schroeder to send William Turkowski the trial-use RP3C Guidance Document, the draft Guidance Document recently issued to the RP3C for ballot, and a copy of the training presentation. DUE DATE: December 15, 2021	Schroeder	OPEN
12/2021-04	William Turkowski with support of Prasad Kadambi to make a presentation on the RP3C Guidance Document at a Professional Divisions Committee meeting. DUE DATE: June 1, 2022	Turkowski Kadambi	OPEN
12/2021-05	Carl Mazzola to update the SMART Matrix. DUE DATE: February 1, 2022	Mazzola	OPEN
12/2021-06	Policy Task Group to evaluate the need for the Executive Advisory Committee (EAC) and to ensure there is no duplication with the External Communications Task Group, the proposed joint ANS/ASME Nuclear Standards Collaborative (once formed), or the Priority Task Group. DUE DATE: June 1, 2022	Policy Task Group	OPEN
12/2021-07	Frances Pimentel to provide the details to join the public NRC meeting on endorsement of IEEE-1819, IEEE Standard for Risk-Informed Categorization and Treatment of Electrical and Electronic Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities. DUE DATE: When the meeting is scheduled.	Frances Pimentel	OPEN
6/2021-02	Carl Mazzola to lead the 2022 Standards Service Award Selection Committee with support from Amir Afzali, Dennis Henneke, John Nakoski, William Turkowski, and Larry Wetzel. DUE DATE: May 1, 2022	Mazzola Afzali Henneke Nakoski Turkowski Wetzel	OPEN
6/2021-04	Policy Task Group to contact Standards Board members on possible changes to priorities for ANS standards development. NOTE: This action is a reassignment from Action Item 6/2018-02. DUE DATE: June 1, 2022	Policy Task Group	OPEN
6/2021-05	Policy Task Group to evaluate: 1) the minimal number of acceptable voting members on a consensus committee and 2) the minimal number of ballots return needed.	Policy Task Group	CLOSED Policy TG held a meeting 7/12/21 to discuss. A matrix was created to determine SME coverage for each CC. The form was sent to CCs Chairs and completed.

6/2021-07	Consensus committee chairs to develop an action plan to improve “poor” ratings on the 2020 Consensus Committee Performance Evaluation and share with the SB.	Consensus Committee Chairs	CLOSED Deemed an ongoing, living action item.
6/2021-10	Donald Eggett and Donald Spellman to contact ASME and IEEE, respectively, to see if they have a volunteer database. DUE DATE: March 1, 2022	Eggett Spellman	OPEN Contact initiated 8/29/21.
6/2021-11	Chip Martin to share the database used by ASME NQA-1 (with their permission). DUE DATE: March 1, 2022	Martin	OPEN Martin made inquiry to ASME on 11/6/21.
6/2021-12	Andrew Sowder to share information about EPRI’s support of volunteers for SDOs. DUE DATE: June 1, 2022	Sowder	OPEN Part of ongoing MOU in progress with ANS and ASME. Sees increased engagement. More details to come.
6/2021-14	Steven Stamm to consider whether the SMART Matrix should be incorporated into the action item list. DUE DATE: June 1, 2022	Stamm	OPEN Carl Mazzola accepted the responsibility to take over management of the SMART Matrix
6/2021-15	SMART Matrix assignees to review the SMART Matrix and let Donald Eggett and Carl Mazzola know how many new members they need to complete assigned actions. DUE DATE: June 1, 2022	SMART Matrix Assignees	OPEN ECTG is believed to have sufficient members. ICTG could use additional members.
6/2021-16	Donald Eggett and Carl Mazzola to assign Standards Board members and observers to task groups. DUE DATE: June 1, 2022	Eggett Mazzola	OPEN
6/2021-17	Policy Task Group to develop guidance for working groups on copyright and plagiarism for inclusion in the toolkit. DUE DATE: June 1, 2022	Policy Task Group/Eggett	OPEN
6/2021-19	William Turkowski to finalize the ICTG Action Plan inclusive of SMART Matrix tasks. DUE DATE: June 1, 2022	Turkowski	OPEN Eggett & Mazzola to review draft plan.
11/2020-03	Pat Schroeder to incorporate ANSI’s recommendations into the Standards Committee Rules and Procedures and Policy Manual and provide to the Policy Task Group for review before issuing to the full SB for approval. DUE DATE: June 1, 2022	Schroeder	OPEN ANSI recommendations were incorporated into the SC Rules & Procedures (R&P) which were approved 8/31/21. Due to other commitments and events, the action to review and update the Policy Manual where needed has not been completed. New 2022 ANSI Essential Requirements will need to be reviewed and addressed in a revision of our R&P and may affect our Policy Manual. The changes in the 2022 Essential Requirements will be made public before the end of the year.
11/2020-04	Donald Spellman/ECTG to work with Thomas Vogan on evaluating ANS and ASME standards for overlap.	Spellman/ECTG	CLOSED D. Spellman suggested that this action be closed since the item is part of the ECTG Project Plan and will be completed in accordance with the schedule contained therein.

6/2020-08	James O'Brien and Prasad Kadambi to make a brief presentation on risk-informed, performance-based methods to the ANS-19 Subcommittee on Reactor Physics at their next meeting during the ANS Winter Meeting.	O'Brien, Kadambi	CLOSED This action is covered as part of the training package defined in the SMART Matrix.
6/2020-15	Prasad Kadambi to provide RP3C products to the Divisions for their information and feedback.	Kadambi	CLOSED Kadambi will work with Turkowski to make a presentation at a PDC meeting. This presentation requires completion of the Guidance Document.
6/2019-07	Donald Eggett (lead), George Flanagan, Prasad Kadambi, Mark Linn, and Robert Budnitz to evaluate the current balance of interest definitions (Annex A) and propose a revision of the "Individual" category. DUE DATE: June 1, 2022	Eggett, Flanagan, Kadambi, Linn, Budnitz	OPEN ASME has the same issue; however, they allow self-employed to be categorized in the category of the majority of their work. CC balance of interest remains in compliance. Robert Budnitz asked to be added to this action item.