AGENDA

**Remote Option to Physical Meeting via Zoom Meeting:**

[**https://us02web.zoom.us/j/84258311931?pwd=iVEIvxBObNia31zif1JG57AiOeDpzr.1**](https://us02web.zoom.us/j/84258311931?pwd=iVEIvxBObNia31zif1JG57AiOeDpzr.1)

**Meeting ID: 842 5831 1931 / Passcode: 043651 / Dial In: +1 309 205 3325**

# Nuclear Criticality Safety Consensus Committee (NCSCC) Hybrid Meeting

## November 10, 2025

## 3:00 p.m. – 5:30 p.m. EASTERN (Local time D.C.)

**Washington Hilton, Washington D.C.**

**Room: Kalorama**

**Meeting Room Floor Plan Embedded**



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| **Time** | **Subject** | **Discussion**  **Lead** |
| 3:00–3:05 | 1. **Welcome, Roll Call & Introductions** | L. Wetzel |
| 3:05–3:10 | 1. **Approval of Agenda** | L. Wetzel |
| 3:10–3:30 | 1. **NCSCC Chair Report** 2. NCSCC Chair Report to the Standards Board   (Report embedded)     1. Standards Board Items  * The Standards Board has requested a change to Rule R7.1.4(m) to allow up to 4 additional Standard Board members to broaden representation to support emerging technologies * Revision to the Policy Manual for the ANS Standards Committee Policy and the ANS Standards Committee Procedures Manual for Consensus are in approval. * An updated ANS Standards Style Manual was issued 10/3/2025. (Find [HERE](https://www.ans.org/file/21790/ANS+2025+Style+Manual+2nd_Edition_for-posting.pdf)) * The Standards Board continues to consider a new consensus committee dedicated to artificial intelligence  1. Advanced Reactor Codes and Standards Collaborative (ARACSC) 4th Annual Hybrid Workshop  * Scheduled December 4, 2025, from 9:00am – 4:30pm EASTERN * Held at EPRI in Washington, D.C., with a virtual option * All are invited to participate. * Contact John Gayler for details.  1. Recognition of NCSCC Standards Actions Completed in 2025   PINS Submitted   * ANS-8.19-202x, *Administrative Practices for Nuclear Criticality Safety* [ANSI/ANS-8.19-2014 (R2024)]—submitted 5/1/2025 * ANS-8.23-202x, *Nuclear Criticality Accident Emergency Planning and Response* [revision of ANSI/ANS 8.23-2019 (R2024)]—submitted 5/20/2025   Standards Approved/Published   * ANSI/ANS-8.10-2015 (R2025), *Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement* (reaffirmation approved 3/4/2025) * ANSI/ANS-8.20-2025, *Nuclear Criticality Safety Training* [revision approved 3/26/2025 & published 3/28/2025) * ANSI/ANS-8.26-2024, *Nuclear Criticality Safety Engineer Training and Qualification Program* (revision approved 11/21/2024 & published 1/9/2025) * ANSI/ANS-8.27-2020 (R202x), *Burnup Credit for LWR Fuel* (reaffirmation approved 9/15/2025)  1. Sales Report   (ANS-8 Sales Report embedded for member reference)     1. NCSCC Leadership Position Opportunities  * Both chair and vice chair terms end 2/7/26 * Terms are for three years * Chair must be an ANS member due to ex officio position on the Standards Board  1. Other Remarks |  |
| 3:30–3:40 | 1. **Membership Issues** 2. Membership Changes  * Catherine Percher with LLNL was approved as an NCSCC member effective 8/20/2025, in the “National Laboratory/Government Facilities” balance of interest category. * Ellen Saylor, Boston Government Services, LLC, was approved as a full member 9/3/2025, in the “National Laboratory/Government Facility” balance of interest category.  1. Staffing Needs  * Any staffing needs identified on NCSCC, ANS-8, or working groups?  1. Associate Member Engagement/Feedback   ([Link to Org Chart](https://www.ans.org/file/5144/1/NCSCC%20Org%20Chart_Current.pdf) for titles to designations)  As of 10/4/2025, five associate members were upgraded to full members since the November 2024 NCSCC meeting. Currently, NCSCC has 15 associate members.   |  |  |  | | --- | --- | --- | | Name | Date Placed | Working Group | | Anneli Brackbill | 6/24/2025 | ANS-8.24 | | Jason M. Crye, PhD | 9/5/2018 | ANS-8.10 | | Darwin Damba | 3/9/2022 | ANS-8.14, ANS-8.19 | | Joshua Gogolski | 8/10/2023 | ANS-8.3 | | Abigayle Hargreaves | 9/25/2025 | ANS-8.10 | | Isaac Hoppman | 5/19/2025 | ANS-8.15 | | Noah Kleedtke | 12/11/2023 | ANS-8.17 | | Giovanni Lozano | 6/9/2022 | ANS-8.15 | | Josiah Moore | 9/26/2022 | ANS-8.14, ANS-8.19 | | Tyler Naughton | 3/12/2025 | ANS-8.23 | | James Smith | 9/30/2024 | 8.7 | | Kristina Spencer, PhD | 9/21/2018 | 8.17 | | Blake Thompson | 3/5/2024 | ANS-8.1, ANS-8.24 | | Alicia Walls | 8/30/2022 | ANS-8.26 | | Travis Wilson | 12/20/2017 | ANS-8.7 | | L. Wetzel |
| 3:40–3:50 | 1. **Liaison Report(s)**   This agenda item remains for members to provide an update on their organizations such as NRC, DOE, AlChE, INMM, etc., activities which are relevant to NCSCC work. | Liaisons |
| 3:50–4:00 | 1. **Status of Delinquent Standards & Needed Actions**   The NCSCC has no delinquent standards!  The following standards will become delinquent next year and should be considered for maintenance (i.e., reaffirmation, revision, withdrawal):   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Designation | Title | Working Group Chair | ANSI Approval | Action Needed By | | 8.12-1987 (R2021) | Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors | Tripp & T. Stover | 8/16/2021 | 8/16/2026 | | 8.14-2004 (R2021) | Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors | K. Wessels | 8/5/2021 | 8/5/2025 | | 8.22-1997 (R2021) | Nuclear Criticality Safety Based on Limiting and Controlling Moderators | M. Crouse & L. Paulson | 12/7/2021 | 12/7/2026 | | L. Wetzel |
| 4:00–4:20 | 1. **Current Issues & Needed Actions** 2. Status of Open Ballots and/or Comment Resolution   NCSCC has no open ballots.   1. Open Inquiries   An inquiry was received 2/26/2025 on ANSI/ANS-8.10-2015 (R2025), *Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement*. The response was sent to the ANS-8 Subcommittee for approval. The ballot closed 6/5/2025 with a number of negative votes, many of which have been upgraded. The working group continues to work on addressing negatives.   1. Definitions for ANS-8 Standards 2. Perspective on ANS-8.10, *Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement* | L. Wetzel/  D. Bowen |
| 4:20–4:30 | 1. **Status of Action Items**  |  |  |  |  | | --- | --- | --- | --- | | **Action Item #** | **Description** | **Responsible** | **Status** | | 11/2025-01 | Larry Wetzel to contact chairs of working groups with standards in development that have an approved PINS to address Item 2 of the supplemental information regarding the use of RIPB methods in the proposed draft. If RIPB was proposed to be used, the working group should confirm it will or will not be used in the draft.  DUE DATE: June 1, 2025 | L. Wetzel | OPEN | | 11/2024-02 | Larry Wetzel/NCSCC. Bob Wilson’s document, Background on ANS-8.10, will be kept on future NCSCC agendas for discussion by the committee.  DUE DATE: November 10, 2025 | L. Wetzel | Completed  See agenda item above. | | L. Wetzel |
| 4:30–5:00 | 1. **Subcommittee Activities Not Addressed Under Other Topics** 2. Changes/Updates to Standards & Projects Status not addressed elsewhere   (Status report embedded)     1. New working group chairs in need of training 2. Other subcommittee issues, concerns, and needs | D. Bowen |
| 5:00–5:20 | 1. **Other Business** 2. Do ANS-8 standards apply to post-closure geological disposal? 3. Other items | All |
| 5:20–5:25 | 1. **Next Meeting/Teleconference**   Upcoming ANS national meetings:   * 2026 ANS Annual Conference in Denver, Colorado, at the Sheraton Denver, May 31-June 3, 2026 * 2026 ANS Winter Conference and Expo in Phoenix, Arizona, at the Arizona Grand Resort & Spa, November 15-18-2026 * Next NCSCC meeting expected to be scheduled during 2026 ANS Winter Meeting in Phoenix, Arizona | L. Wetzel |
| 5:25–5:30 | 1. **Review of Action Items from This Meeting** | K. Murdoch |
| 5:30 | 1. **Adjournment** | L. Wetzel |