# AGENDA

**Join ZOOM Meeting:**

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Meeting ID: 863 5266 8530 / Passcode: 002554 / Call in #: +1 309-205-3325

# Environmental & Siting Consensus Committee (ESCC) Virtual Meeting

## July 24, 2025

## 11:00 a.m. – 1:00 p.m. (ET)

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| **Time** | **Subject** | **Discussion**  **Lead** |
| 11:00–11:04 | 1. **Welcome, Roll Call & Introductions** | C. Mazzola |
| 11:04–11:05 | 1. **Approval of Agenda**   *\*\*\*with permission to move discussions as needed to accommodate discussion leads\*\*\** | C. Mazzola |
| 11:05–11:25 | 1. **ESCC Chair Report** 2. Recap of Standards Board June 2025 Meeting & Recent Changes  * LLWRCC/RARCC reorganization approved * ANSI/ANS-30.3-2022, *Light Water Reactor Risk-Informed, Performance-Based Design*, moved to the Research and Advanced Reactor Consensus Committee (RARCC) * Minor changes made to RARCC organizational structure * Standards Board organizing Standards Breakfast Roundtable at the 2025 ANS Winter Conference in D.C. * Standards Board review of White Paper with Recommendation to Form New Consensus Committee for Artificial Intelligence (AI) * Generally Positive Feedback * Project Initiating Notification System (PINS) Form Being Prepared for Proposed AI Standard * Change to ANS Annual Conference * The ANS annual conference will likely cease to exist in 2028 as it is currently scheduled. It is expected that the ANS Board of Directors will designate the ANS Winter Conference as the annual meeting. The Standards Board is considering a virtual standards week in lieu of the ANS conference in June. * Raj Iyngar will replace Ben Parks as the NRC representative to the Standards Board—pending ANS Vice President appointment.      1. Recognition of Recent Standards Actions Completed (Since March 2025 meeting)  * ANSI/ANS-2.2-2016 (R2025), *Earthquake Instrumentation Criteria for Nuclear Power Plants*—reaffirmation approved 6/2/2025 * ANSI/ANS-2.23-2016 (R2025), *Nuclear Power Plant Response to an Earthquake*—reaffirmation approved 6/2/2025 * ANSI/ANS-2.27-2020 (R2025), *Criteria for Investigations of Nuclear Facility Sites for Seismic Hazard Assessment*—reaffirmation approved 4/15/2025.  1. Other Remarks | C. Mazzola |
| 11:25–11:35 | 1. **ESCC Membership Items** 2. ESCC Recent Membership Changes  * Matthew Barnett left PNNL for a position at the Washington State Department of Health. He was reclassified in the “Government” category effective 6/26/2025. * Leah Parks left NRC for a position at Kairos Power and was reclassified in the “Vendor” category effective 6/30/2025. Both Kevin Quinlan and Tom Weaver remain on the ESCC to represent the NRC. * Matthew Sanderson, Y-12 National Security Complex, was approved as a full member in the “National Laboratory/Government Facilities” category effective 6/5/2025.  1. ESCC Staffing Needs ([Link to ESCC org chart](https://www.ans.org/file/5719/2/ESCC%20Org%20Chart_Current.pdf) for designation titles & subcommittees)  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Staffing Need (member, chair, etc.) # of positions** | **Standard #**  **(Responsible Chair)** | **Date Need Identified (Estimated)** | **Priority (H, M or L)\*** | **Date Need Filled** | **Source\*\*** | **Date-Actions Taken to Fill Need (Estimated)** | | Chair | ANS-2.6  (L. Parks) | 2024 | M |  | d, e | 2024 – current | | Chair | ANS-2.10  (Y. Li) | 2023 | H |  | d, e | 2023 - current | | Chair | ANS-2.23  (Y. Li) | 2023 | H |  | d, e | 2023 - current | | SubC Chair | Hydrogeologic | 2024 | H |  | d, e | 2024 - current | | SubC Vice Chairs (2) | * Hydrogeologic * Environmental Impact | 2014-2018 | L |  | d, e | 2014 - current | | \* High (H), medium (M), or low (L) priority based on priority of standard or reaffirmation time limit.  \*\*a. Personal contact, b. standards manager (ANS staff), c. ANS SC referral, d. ANS publication, e. ANS website, f. LinkedIn post, g. conference speakers and paper authors, h. internet search, i. other | | | | | | |  1. ESCC Associate Member Engagement / Feedback from Chairs ([Link to ESCC org chart](https://www.ans.org/file/5719/2/ESCC%20Org%20Chart_Current.pdf) for designation titles & subcommittees)  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Associate Member** | **Working Group** | **Placement Date** | **Working Group Chair** | **Comment** | | Valerie Gorden | ANS-3.11 | 6/21/24 | D. Bruggeman | Placed 6/21/2025. | | C. Mazzola |
| 11:35–11:45 | 1. **Delinquent Standards & Maintenance Actions**   The ESCC has 0 delinquent standards and no standards needing maintenance in 2025!  Up next for maintenance in order of approval dates:   * ANSI/ANS-2.17-2010 (R2021), *Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants*—reaffirmed **6/28/2021** (SubC: OPEN / WGC: T. Rasmussen) * ANSI/ANS-2.3-2011 (R2021), *Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites*—reaffirmed **7/19/2021** (SubC: D. Bruggeman / WGC: D. Bruggeman) * ANSI/ANS-2.15-2013 (R2021), *Criteria for Modeling and Calculating Atmospheric Dispersion of Routine Radiological Releases from Nuclear Facilities*—reaffirmed **11/11/2021** (SubC: D. Bruggeman / WGC: J. Ciolek & S. Davis) * ANSI/ANS-2.26-2004 (R2021), *Categorization of Nuclear Facility Structures, Systems, and Components for Seismic Design*—reaffirmed **12/10/2021** (SubC: Y. Li / WGC: D. Clark & H. Phan) | C. Mazzola |
| 11:45–11:55 | 1. **Open Ballots and/or Comment Resolutions**   ANS-2.35-202x, *Guidelines for Conducting Socioeconomic Impact Assessments of Nuclear Facility Sites* (new standard)  STATUS: The draft was issued to the ESCC 5/21/2025 for a 30-day ballot. An extension was issued through 7/11/2025. ([LINK to BALLOT](https://collaborate.ans.org/higherlogic/ws/groups/c5a8bd5c-cc6e-4efe-8373-819decbf3bc8/ballots/ballot?id=1782%20%20%20%20#voter_comments)) As of 7/6/2025, the ballot has some negatives and 12 plus comments. | C. Mazzola / Responsible Chairs |
| 11:55–12:05 | 1. **Current Issues and Needed Actions** | C. Mazzola/  L. Parks |
| 12:05–12:15 | 1. **Status of Action Items Assigned at Previous Meetings** | C. Mazzola/  P. Schroeder |
| 12:15–12:35 | 1. **Subcommittee Activities Not Addressed Under Other Topics** 2. ESCC Standards & Project Status Report   (Report embedded)     * Siting Atmospheric Subcommittee (D. Bruggeman) * Siting Hydrogeologic Subcommittee (C. Mazzola - Acting) * Siting Seismic Subcommittee (Y. Li) * General & Monitoring Subcommittee (L. Parks) * Environmental Impact Assessment & Analysis Subcommittee (L. Parks)  1. Other Subcommittee Issues, Concerns, and Needs | SubC Chair(s) |
| 12:35–12:50 | 1. **Other Business** | All |
| 12:50–12:55 | 1. **Next Meeting/Teleconference**   Upcoming ANS meetings:   * 2025 ANS Winter Conference and Expo in Washington, D.C., at the Washington Hilton, November 9–12, 2025 * 2026 ANS Annual Conference in Denver, CO, at the Sheraton Denver, May 31–June 3, 2026 * Next ESCC virtual meeting to be scheduled in November 2025 | C. Mazzola |
| 12:55–1:00 | 1. **Review of Action Items from This Meeting** | P. Schroeder |
| 1:00 | 1. **Adjournment** | C. Mazzola |