# CSCT Meeting for August 26, 2025

| Meeting Attendance | | |
|---|---|---|
| **Attendee** | | **Present** |
| M | Berg, Larry | **X** |
| EM | Bowen, Doug | **X** |
| M | Brooks, Franklin | **X** |
| M | Brundage, Kaitlyn | |
| M | Bunde, Kermit | **X** |
| M | Chambers, Angela | **X** |
| M | Collens, Jake | **X** |
| M | Damba, Darwin | |
| M | Dyke, Jimmy | |
| M | Eberle, Cris | **X** |
| M | Ellis, Daniel | |
| M | Gilbertson, Sarah | |
| M | Hahn, Kevin | **X** |
| EM | Hayes, David | **X** |
| M | Janson, Stephen | |
| M | Marenchin, Thomas | **X** |
| M | Moore, Josiah | |
| M | Moss, Patrick | |
| M | Murphy, Katie | **X** |
| M | Ondara, Johnny | |
| M | Perry, Christopher | |
| M | Petraglia, Jeffrey | **X** |
| M | Russell, Paige | |
| M | Thrasher, David | **X** |
| M | Udenta, Gladys | |
| M | Vickers, Linda | |
| M | Wallace, George | **X** |
| M | Wise, Tammy | **X** |
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*M – Member; EM – Ex-Officio; S – Scribe*

Virtual Roll call – For those using phone-in, please assist roll call and let us know who you are. Thanks!

- Gusts staff that attended the call:
  - Arzu Alpan (ORNL)
  - Jennifer Alwin (LANL)
  - Bret Brickner (ORNL)
  - Kevin Kimball (Y-12)
  - Alex Lang (ORNL)
  - Robert Lefebvre (ORNL)
  - Tamara Powell (EA-31)
  - Michael Rising (LANL)
  - William Wieselquist (ORNL)

*Previous items update:*

- No open items

*Items for discussion:*

- Michael Rising and Jennifer Alwin from LANL presented on LA-UR-20-2666 Overview of MCNP SQA Plan and Requirements
  - Several questions on defining MCNP as safety software.
  - https://mcnp.lanl.gov/pdf_files/TechReport_2020_LANL_XCP-320-008LA-UR-20-26666_RisingBrownEtAl.pdf
- Robert Lefebvre and William Wieselquist from ORNL presented on SCALE
  - Described the different code changes processes and testing per NQA
  - Described the Quality Assurance Plan for the SCALE Code System
- These are the LANL and ORNL internal definitions:
  - **Safety System Software**: The software is considered safety system software if it meets the following: The software is for a nuclear facility, performs a safety function as part of a structure, system or component (SSC), and is cited in either (1) a DOE approved documented safety analysis or (2) an approved hazard analysis per DOE P 450.4 Safety Management System Policy, dated 10-15-96, and the DEAR clause.
  - **Safety and Hazard Analysis Software and Design Software**: The software is considered safety and hazard analysis software and design software if it meets the following: The software is used to classify, design, or analyze nuclear facilities. This software is not part of an SSC but helps to ensure the proper accident or hazards analysis of nuclear facilities or an SSC that performs a safety function.
  - **Safety Management and Administrative Controls Software**: The software is considered safety management and administrative controls software if it meets both of the following:
    - The software performs a hazard control function necessary to provide adequate protection from nuclear facility or radiological hazards, including (but not limited to) software that performs a control function in support of:
      - nuclear facility safety management programs,
      - radiological safety management programs, or
      - Technical Safety Requirements.
    - The failure of the software could **directly** allow the hazard control function to be violated (i.e., the software is relied upon to fulfill the hazard control function).

*Open discussion:*

- No discussion.

*Topics for future meetings?*

- Send any other items you want to discuss.
- September meeting – Recent HALEU benchmark experiments (i.e., DEIMOS) presentation
- October meeting – Advanced reactor NCS – ANS 8.10 inquiry for TerraPower MSD at INL