

Opening remarks

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National Nuclear
Data Center

Mini-CSEWG, 13-15 Aug, 2024

Fuller Lodge, Los Alamos, NM



@BrookhavenLab

Code of Conduct

It is the policy of the organizers of **mini-CSEWG** that all participants, including attendees, vendors, staff, volunteers, and all other stakeholders will conduct themselves in a professional manner that is welcoming to all participants and free from any form of discrimination, harassment, or retaliation. Participants will treat each other with respect and consideration to create a civil, collegial, inclusive, and professional environment at the meeting. Creating a supportive environment to enable scientific discourse is the responsibility of all participants.

Participants will avoid any inappropriate actions or statements based on individual characteristics such as age, race, ethnicity, sexual orientation, gender identity, gender expression, marital status, nationality, political affiliation, ability status, educational background, or any other characteristic protected by law. Disruptive or harassing behavior of any kind will not be tolerated. Harassment includes but is not limited to inappropriate or intimidating behavior and language, unwelcome jokes or comments, unwanted touching or attention, offensive images, photography without permission, and stalking.

Violations of this code of conduct policy should be reported to the organizers. Sanctions may range from verbal warning, to ejection from the meeting, to notifying appropriate authorities. Such disciplinary actions will be performed in accordance with the host organization's policies. Retaliation for complaints of inappropriate conduct will not be tolerated. If a participant observes inappropriate comments or actions and personal intervention seems appropriate and safe, they should be considerate of all parties before intervening.

Code of Conduct translation:

Be:

- Professional
- Respectful
- Collegial (we should be friends)
- Civil (even if we disagree on so so many things)

We are passionate about what we do. We cannot let our passions interfere with being a good human.

If there is doubt, pause, take a breath, and think about what you are about to say.

Why:

- Encourages productive scientific discourse (which has enumerable benefits to us and society)

Being professional and collegial extends past the meetings

It includes

- Emails
- Trackers
- Phone calls
- Zoom/Teams/Webex calls
- The text in CSEWG publications

If you cannot be collegial to your fellow CSEWG members, then you don't belong in CSEWG

I am harping on this because I have been made aware now of several instances of bullying, rudeness and even sexual harassment.

CSEWG Mission

The Cross Section Evaluation Working Group (CSEWG) maintains, updates, extends, validates, verifies, and documents the reference library Evaluated Nuclear Data File Version B (ENDF/B) and establishes standard formats and procedures for its use. CSEWG coordinates differential and integral testing of ENDF/B and utilizes the information for determining the validity of ENDF/B data. CSEWG provides a forum for review of new differential and integral experiments, evaluations and codes that are needed and develops information on specific topics such as Nuclear Data Standards, resonance region formalisms, nuclear model codes, secondary libraries, adjustment results informing future libraries, uncertainty quantification standards, etc. as related to the use of ENDF/B. CSEWG is responsible for distributing this evaluated data and promoting its correct use. CSEWG collaborates and coordinates with other evaluation projects to ensure the success of its mission.

Adapted from S. Pearlstein Memo "NNCSC-CSEWG Flowchart" (1972).

Translation:

- CSEWG makes ENDF
- CSEWG makes *the best* ENDF
- CSEWG does stuff to make ENDF even more useful
- CSEWG distributes ENDF & wants to make sure ENDF is used correctly
- CSEWG is collaborative

Roles & Responsibilities

- CSEWG never had this before, so the EC made one.
- It captures current practice and is informed by the Perlstein Memo “NNCSC-CSEWG Flowchart”.
- Latest version at <https://www.nndc.bnl.gov/csewg/docs/CSEWG-Roles-and-Responsibilities-v4.pdf>
- Key Roles:
 - Executive Committee: Cabal of SME’s, lab reps & committee chairs
 - Committees
 - NNDC is secretariat
 - CSEWG Labs (membership in CSEWG is *by lab*, not by people!)

Future CSEWG Meetings
2024 Annual Meeting (Website coming soon)
2024 Mini-CSEWG Meeting

Past CSEWG Meetings
2023 Annual Meeting
2023 Mini-CSEWG Meeting
2022 Annual Meeting
2021 Annual Meeting
2021 Mini-CSEWG Meeting
2020 Annual Meeting
2019 Annual Meeting
2018 Annual Meeting
2017 Annual Meeting
2017 Mini-CSEWG Meeting
2016 Annual Meeting
2016 Mini-CSEWG Meeting
2015 Annual Meeting
2015 Mini-CSEWG Meeting
2014 Annual Meeting
2013 Annual Meeting
2012 Annual Meeting
2011 Annual Meeting
2010 Annual Meeting
2009 Annual Meeting
2008 Annual Meeting
2007 Annual Meeting
2006 Annual Meeting
2005 Annual Meeting
2004 Annual Meeting
2003 Annual Meeting

ENDF Releases
ENDF/B-VIII.0
ENDF/B-VII.1
ENDF/B-VII.0
ENDF/B-VI.8

Cross Section Evaluation Working Group (CSEWG)

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About CSEWG

The Cross Section Evaluation Working Group (CSEWG) is a cooperative effort of the national laboratories, industry, and universities in the United States and Canada, responsible for the production of the U.S. Evaluated Nuclear Data File ENDF/B. More about the ENDF library can be found [here](#) and library development is managed through the (members-only) [ENDF GitLab project page](#).

In addition, the Formats Committee of CSEWG is responsible for developing and maintaining the ENDF format, in which the ENDF/B library is released. The ENDF format has its own (members-only) [GitLab project page](#).

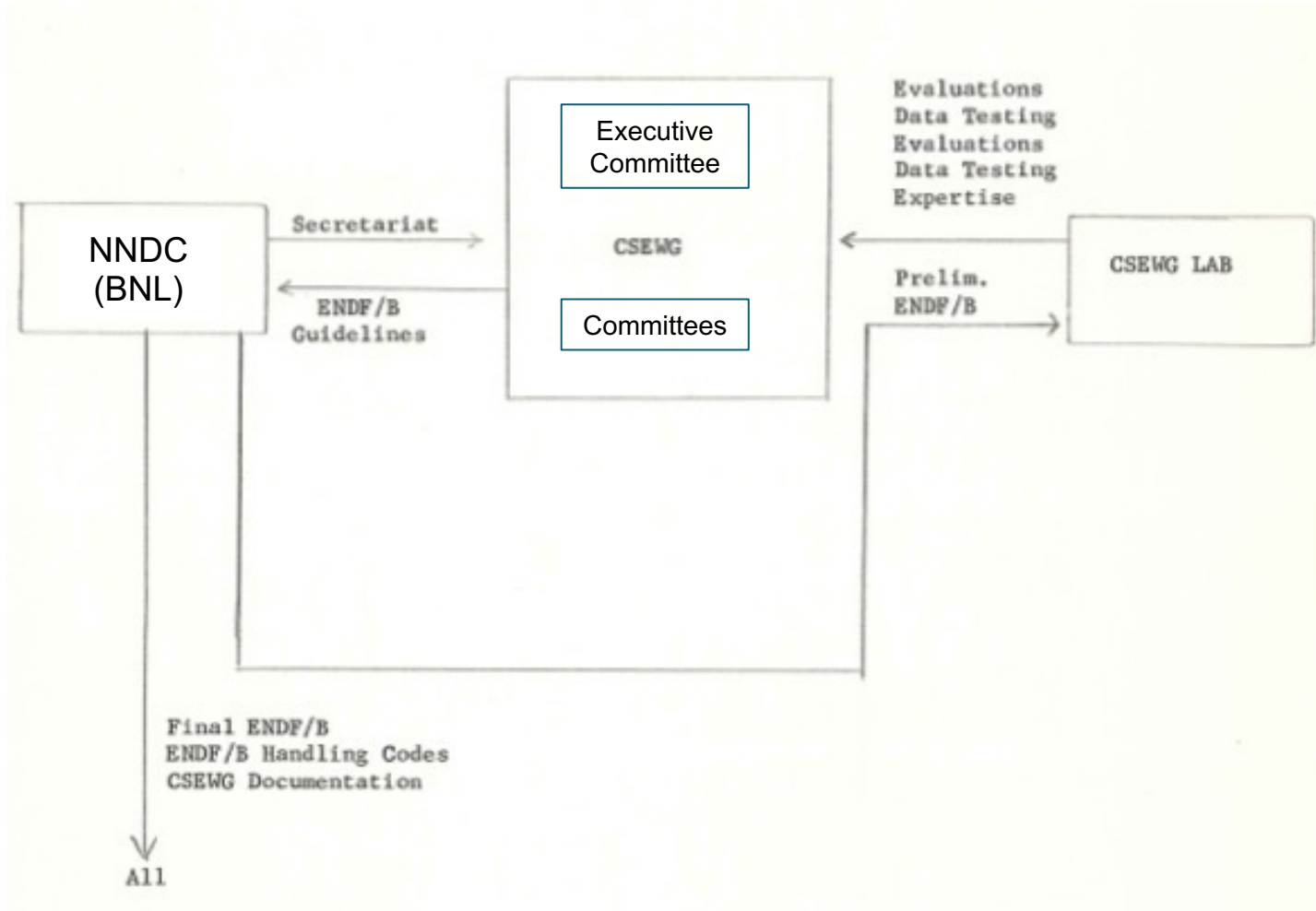
CSEWG Organization Roles & Responsibilities

- CSEWG Chair ([David Brown](#), NNDC, BNL)
- ENDF library manager ([Gustavo Nobre](#), BN
- [Executive Committee](#)

Screenshot

<https://www.nndc.bnl.gov/csewg/>

CSEWG organization



Members (current best guess):
ANL, AWE, **BNL**, CEA Cadarache, CNL, JSI, KAERI, IRSN, **LANL**, LBNL/UCB, **LLNL**, **IAEA**, NIST, **NCSU**, **NNL**, **ORNL**, PNNL, **RPI**, **SpectraTech**, Studsvik, UTK, Westinghouse

Highlighted CSEWG labs have lab reps and are “core members”

While nominally a US collaboration, CSEWG has traditionally been open to outside participation

Release perspective

- We got validation feedback: **No surprises!**
- Aiming for an **AUGUST 30th** final release.
- **ALL files** are good to go, already with this target date in.
- Final processing tests with NJOY/FUDGE/AMPX are underway.
- Unless recommended otherwise by CSEWG, we are ready to follow through with this timeline!

ENDF/B
VIII.1