

ANS Standards Projects and Committees in Need of Volunteer Support

The standards projects listed below are in need of a working group chair ◇, working group members □, or both. The scope of each project is available by link to a list of related projects. Projects not listed below also may be accepting new members. Contact standards@ans.org for more information or to volunteer to support one of the projects.

[ANS-1](#), Conduct of Critical Experiments □

[ANS-2.6](#), Guidelines for Estimating Present and Forecasting Future Population Distributions Surrounding Nuclear Facility Sites ◇

[ANS-2.10](#), Criteria for Retrieval, Processing, Handling, and Storage of Records from Nuclear Facility Seismic Instrumentation ◇

[ANS-2.17](#), Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants □

[ANS-2.18](#), Evaluating Radionuclide Transport in Surface Water for Nuclear Facilities □

[ANS-2.23](#), Nuclear Power Plant Response to an Earthquake ◇

[ANS-3.1](#), Selection, Qualification, and Training of Personnel for Nuclear Power Plants □

[ANS-3.2](#), Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants □

[ANS-5.4](#), Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel ◇□

[ANS-6.1.1](#), Neutron and Photon Fluence-to-Dose Conversion Coefficients ◇

[ANS-6.3.1](#), Program for Testing Radiation Shields in Light Water Reactors (LWR) ◇□

[ANS-10.8](#), Non-Real-Time, High-Integrity Software for the Nuclear Industry—User Requirements ◇

[ANS-15.10](#), Decommissioning of Research Reactors □

[ANS-15.21](#), Format and Content for Safety Analysis Reports for Research Reactors □

[ANS-19.3.4](#), The Determination of Thermal Energy Deposition Rates in Nuclear Reactors □

[ANS-19.8](#), Fission Product Yields for ²³⁵U, ²³⁸U, and ²³⁹Pu □

[ANS-19.9](#), Delayed Neutron Parameters for Light Water Reactors ◇□

[ANS-19.12](#), Nuclear Data for Isotope Production Calculations for Medical and Other Applications ◇□

[ANS-20.3](#), Oxygen Concentration Measurement in Molten Salt by Inert Gas Fusion Analysis □

[ANS-31.1](#), Testing and Facilities for Space Nuclear Power and Propulsion Reactors □

[ANS-40.35](#), Volume Reduction of Low-Level Radioactive Waste or Mixed Waste □

[ANS-54.1](#), Nuclear Safety Criteria and Design Process for Sodium Fast Reactor Nuclear Power Plants ◇

[ANS-57.1](#), Design Requirements for Light Water Reactor Fuel Handling Systems ◇□

[ANS-57.3](#), Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants ◇

[ANS-57.10](#), Design Criteria for Consolidation of LWR Spent Fuel □

[ANS-58.2](#), Design Basis for Protection of Light Water Nuclear Power Plants Against the Effects of Postulated Pipe Rupture □

[ANS-58.6](#), Criteria for Remote Shutdown for Light Water Reactors ◇□

[ANS-58.9](#), Single Failure Criteria for Light Water Reactor Safety-Related Fluid Systems ◇□

[ANS-58.11](#), Design Criteria for Safe Shutdown Following Selected Design Basis Events in Light Water Reactors ◇□

[ANS-58.16](#), Safety Categorization and Design Criteria for Nonreactor Nuclear Facilities ◇□

[ANS-59.51](#), Fuel Oil Systems for Safety-Related Emergency Diesel Generators ◇□

[ANS-59.52](#), Lubricating Oil Systems for Safety-Related Emergency Diesel Generators ◇□

ANS Standards Committee Subcommittee Leadership Openings

The ANS Standards Committee has several open subcommittee leadership positions. Subcommittee chairs are typically members of the responsible consensus committee and involved in the review and approval of standards. Subcommittee chairs provide guidance to standards projects within the topical area of the subcommittee. As a consensus committee member, a subcommittee chair is asked to participate in occasional meetings. A call-in option is typically available. Subcommittee vice chairs may also be members of the responsible consensus committee and assist in the management and support of subcommittee activities.

Below is a list of open subcommittee chair and vice chair positions listed by consensus committee:

[Environmental and Siting Consensus Committee \(ESCC\)](#)

- [Siting: Environmental Impact Assessment & Analysis](#) – Vice Chair
- [Siting: Hydrogeologic](#) – Chair and Vice Chair
- [Siting: General & Monitoring](#) – Vice Chair

[Fuel, Waste, and Decommissioning Consensus Committee \(FWDCC\)](#)

- [Decommissioning \(Commercial & Research Facilities\) Subcommittee](#) – Vice Chair
- [New and Used Fuel \(Design Only\) Subcommittee](#) – Vice Chair

[Large Light Water Reactor Consensus Committee \(LLWRCC\)](#)

- [Simulators, Instrumentation, Control Systems, Software & Testing Subcommittee](#) – Vice Chair

Consensus Committee Openings

The American Nuclear Society (ANS) Standards Committee is seeking new consensus committee members to improve balance of interest requirements. Consensus committees are the formal balloting body whose vote tallies and balance of interest are submitted to the American National Standards Institute (ANSI) when requesting approval of a standard (new, revised, or reaffirmed). Consensus committees also approve the initiation of standards-related projects and provide management direction to their subcommittees and working groups.

ANS consensus committees hold one to three meetings a year, mostly virtual. A remote option to participate is offered when physical meetings are held. Consensus committee members have a minimum participation requirement of 50% for meetings and 75% for ballots. There is no requirement to be a member of the Society to participate on a consensus committee, but each member is expected to have experience in the scope of the committee. It is preferable that consensus committee members have standards-related experience, but exceptions are occasionally made for individuals with extensive experience. The time commitment to participate on a consensus committee as a member is considered relatively minimal, possibly 10-20 hours a year, unless the member volunteers for additional tasks. Consensus committees must comply with the [ANSI Essential Requirements](#) and the [ANS Standards Committee Rules and Procedures](#). This includes the requirement that no one interest category (i.e., national laboratory, government agency, owner, vendor, etc.) can make up more than 1/3rd of the committee. Additionally, only one vote per organization is permitted except in unique situations if approved by the ANS Standards Board. For these reasons, there are many factors that need to be considered when adding new members to a consensus committee and not all requests can be accommodated.

Links to the webpages of the consensus committees seeking new members are provided below. Each webpage has the consensus committee's scope, list of subcommittees, names of current members and their affiliations, and a link to the committee's organizational chart showing each project the committee manages. Please take the time to review the committee's information and consider the opportunity to become a member of one of these consensus committees or encourage an associate to consider the position if you feel they are exceptionally qualified.

- [Environmental and Siting Consensus Committee \(ESCC\)](#)
- [Fuel, Waste, and Decommissioning Consensus Committee \(FWDCC\)](#)
- [Large Light Water Reactor Consensus Committee \(LLWRCC\)](#)
- [Nuclear Criticality Safety Consensus Committee \(NCSCC\)](#)
- [Nonreactor Nuclear Facilities Consensus Committee \(NRNFCC\)](#)
- [Research and Advanced Reactors Consensus Committee \(RARCC\)](#)
- [Safety and Radiological Analyses Consensus Committee \(SRACC\)](#)

Contact standards@ans.org for more information or to volunteer to support one of the projects or committees.