

ANS Standards Projects in Need of Volunteer Support

The standards projects listed below are in need of a working group chair \diamond , working group members \square , or both. The scope of each project is available by link to a list of related projects. Additional projects not listed below may be accepting new members. A list of open subcommittee leadership positions follows the list of standards projects. Contact standards@ans.org for more information or to volunteer to support one of the projects.

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

[ANS-2.3](#), Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites \square

[ANS-2.9](#), Evaluation of Ground Water Supply for Nuclear Facilities $\diamond\square$

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

[ANS-2.13](#), Evaluation of Surface-Water Supplies for Nuclear Power Sites $\diamond\square$

[ANS-2.15](#), Criteria for Modeling and Calculating Atmospheric Dispersion of Routine Radiological Releases from Nuclear Facilities \square

[ANS-2.17](#), Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants $\diamond\square$

[ANS-2.18](#), Standards for Evaluating Radionuclide Transport in Surface Water for Nuclear Power Sites \square

[ANS-2.22](#), Environmental Radiological Monitoring at Operating Nuclear Facilities \square

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

[ANS-2.32](#), Remediation of Radioactive Contamination in the Subsurface at Nuclear Power Plants \square

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

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

[ANS-3.4](#), Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants \diamond

[ANS-3.13](#), Nuclear Facility Reliability Assurance Program (RAP) Development \square

[ANS-6.3.1](#), Program for Testing Radiation Shields in Light Water Reactors (LWR) $\diamond\square$

[ANS-10.7](#), Non-Real-Time, High-Integrity Software for the Nuclear Industry—Developer Requirements \square

[ANS-10.8](#), Non-Real Time, High Integrity Software for the Nuclear Industry—User requirements $\diamond\square$

[ANS-19.5](#), Requirements for Reference Reactor Physics Measurements $\diamond\square$

[ANS-19.8](#), Fission Product Yields for ^{235}U , ^{238}U , and ^{239}Pu $\diamond\square$

[ANS-19.9](#), Delayed Neutron Parameters for Light Water Reactors $\diamond\square$

[ANS-19.12](#), Nuclear Data for Isotope Production Calculations for Medical and Other Applications $\diamond\square$

[ANS-41.5](#), Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation \diamond

- [ANS-40.35](#), Volume Reduction of Low-Level Radioactive Waste or Mixed Waste ◇□
- [ANS-53.1](#), Nuclear Safety Design Process for Modular Helium-Cooled Reactor Plants □
- [ANS-55.6](#), Liquid Radioactive Waste Processing System for Light Water Reactor Plants □
- [ANS-57.1](#), Design Requirements for Light Water Reactor Fuel Handling Systems □
- [ANS-57.2](#), Design Requirements for LWR Spent Fuel Facilities at Nuclear Power Plants □
- [ANS-57.5](#), Light Water Reactors Fuel Assembly Mechanical Design and Evaluation □
- [ANS-57.7](#), Design Criteria for an Independent Spent Fuel Storage Installation (Water Pool Type) ◇□
- [ANS-57.9](#), Design Criteria for an Independent Spent Fuel Storage Installation (Dry Type) ◇□
- [ANS-57.10](#), Design Criteria for Consolidation of LWR Spent Fuel □
- [ANS-57.11](#), Integrated Safety Assessments for Nonreactor Nuclear Facilities □
- [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 Classification 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 □

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, subcommittee chairs are 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](#)

- Siting: Atmospheric Subcommittee –Vice Chair
- Siting: Hydrogeologic Subcommittee – Vice Chair
- Siting: General & Monitoring Subcommittee – Vice Chair
- Siting: Environmental Impact Assessment & Analysis – Chair & Vice Chair

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

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

[Large Light Water Reactor Consensus Committee](#)

- Light Water Reactor and Reactor Auxiliary System Design Subcommittee – Vice Chair
- Power Generation and Plant Support Systems Subcommittee – Chair & Vice Chair
- Simulators, Instrumentation, Control Systems, Software & Testing – Vice Chair

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