

Safety and Radiological Analyses Consensus Committee (SRACC) Organizational Chart (10/21/24)

Chair: Andrew O. Smetana

Vice Chair: Julie Jarvis

| Shielding (ANS-6) | Mathematics & Computations (ANS-10) | Reactor Physics (ANS-19) |
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| Chair: Charlotta Sanders | Chair: Paul Hulse | Chair: Dimitrios Cokinos |
| Ⓢ = PINS submitted to ANSI | | |
| ANS-6.4.2-2006 (R2021) Ⓢ (A1) Specification for Radiation Shielding Materials RF 12/2/2021 (WGC: P. Caracappa) | ANS-10.4-2008 (R2021) Ⓢ (A1) Verification and Validation of Non-Safety-Related Scientific and Engineering Computer Programs for the Nuclear Industry RF 6/15/2021 (WGC: N. Fathi) | ANS-19.10-2009 Ⓢ (R2021) (A1) Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals RF 10/7/2021 (WGC: A. Haghighat) |
| ANS-5.4-2011 (R2020) (A2) Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel RF 4/9/2020 (WGC: OPEN) | ANS-10.5-2006 (R2021) (A2) Accommodating User Needs in Scientific and Engineering Computer Software Development RF 8/23/2021 (WGC: A. Smetana) | ANS-5.1-2014 (R2023) (A2) Decay Heat Power in Light Water Reactors RF 12/4/2023 (WGC: J. Klingensmith) |
| ANS-5.10-1998 (R2024) (A2) Airborne Release Fractions at Non-Reactor Nuclear Facilities RF 7/18/2024 (WGC: M. Gupta) | ANS-10.7-2013 (R2023) (A2) Non-Real-Time, High-Integrity Software for the Nuclear Industry-- Developer Requirements RF 4/19/2023 (WGC: B. Kirk) | ANS-19.1-2019 (R2024) (A2) Nuclear Data Sets for Reactor Design Calculations RF 1/5/2024 (WGCs: R. Little & F. Bostelmann) |
| ANS-6.1.1-2020 (A2) Photon and Neutron Fluence-to-Dose Conversion Coefficients App'd 9/10/2020 (WGC: OPEN) | ANS-10.8-2015 (R2020) (A2) Non-Real Time, High Integrity Software for the Nuclear Industry-- User requirements App'd 10/29/2020 (WGC: Open) | ANS-19.3-2022 (A2) Steady-State Neutronics Methods for Power Reactor Analysis RV 10/6/2022 (WGC: E. Nichita) |
| ANS-6.1.2-2013 (R2023) (A2) Group-Averaged Neutron and Gamma-Ray Cross Sections for Radiation Protection and Shielding Calculations for NPPs RF 6/16/23 (WGC: A. Alpan) | ANS-10.2 (W2019) (C2) Portability of Scientific and Engineering Software (WGC: R. Singletery) ***Revision to be considered*** | ANS-19.3.4-2022 (A2) The Determination of Thermal Energy Deposition Rates in Nuclear Reactors RV 7/12/2022 (WGC: G. Radulescu) |
| ANS-6.3.1-1987 (R2020) (A2) Program for Testing Radiation Shields in Light Water Reactors (LWR) RF 7/28/2020 (WGC: Open) | | ANS-19.4-2017 (R2022) (A2) A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification RF 8/24/2022 (WGC: E. Knuckles) |
| ANS-6.4-2006 (R2021) (A2) Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants RF 8/5/2021 (WGC: K. Jha) | | ANS-19.6.1-2024 (A2) Reload Startup Physics Tests for PWRs RF 7/17/2024 (WGC: C. Rombough) |
| ANS-6.6.1-2015 (R2020) (A2) Calculation and Measurements of Direct and Scattered Gamma Radiation from LWR NPPs RF 5/23/2020 (WGC: R. Amato) | | ANS-19.11-2017 (R2022) (A2) Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for PWRs RF 6/2/2022 (WGC: M. Mahgerefteh) |
| ANS-6.4.3 (W2001) Ⓢ (C2) Gamma-Ray Attenuation Coefficients & Buildup Factors for Engineering Materials (WGC: E. Giavdoni & C. Sanders) | | ANS-19.13-2024 (A2) Initial Fuel Loading and Startup Tests for FOAK Advanced Reactors App'd 10/7/2024 (WGC: S. Bavs / A. Weitzberg / N. Martin) |
| | | ANS-19.8 (NEW) (B2) Fission Product Yields for 235U, 238U, and 239P (project in consideration) (WGC: R. Little) |
| | | ANS-19.9 (NEW) Ⓢ (B2) Delayed Neutron Parameters for Light Water Reactor (WGC: Open) |
| | | ANS-19.12 (NEW) Ⓢ (B2) Nuclear Data for the Production of Radioisotope (WGC: Open) |
| | | ANS-19.5 (W2005) Ⓢ (C2) Requirements for Reference Reactor Physics Measurements (WGC: M. DeHart) |
| (A1) Current Being Worked On Standards | | |
| (A2) Current Not Being Worked On Standards | | |
| (B1) Proposed Being Worked On Standards | | |
| (B2) Proposed Not Being Worked On Standards | | |
| (C1) Withdrawn Being Worked On Standards | | |
| (C2) Withdrawn Not Being Worked On Standards | | |