

# Safety and Radiological Analyses Consensus Committee (SRACC)

## Organizational Chart (10/23/17)

Chair: Andrew O. Smetana

Vice Chair: Julie Jarvis

ANS-6	ANS-10	ANS-19
Shielding	Mathematics & Computations	Reactor Physics
Chair: Charlotta Sanders	Chair: Paul Hulse	Chair: Dimitrios Cokinos
2 = Proposed/Active Projects	0 = Proposed/Active Projects	4 = Proposed/Active Projects
7 = Current Standards	6 = Current Standards	8 = Current Standards
Ⓢ = PINS submitted to ANSI		
ANS-5.4-2011 Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel <a href="#">App'd 5/19/2011</a> (WGC: C. Beyer)	ANS-10.2-2000 (R2009) Portability of Scientific and Engineering Software <a href="#">RF 8/14/2009</a> (WGC: R. Singleterry)	ANS-5.1-2014 Decay Heat Power in Light Water Reactors <a href="#">App'd 11/4/2014</a> (WGC: I. Gauld)
ANS-5.10-1998 (R2013) Airborne Release Fractions at Non-Reactor Nuclear Facilities <a href="#">RF 1/15/2013</a> (WGC: M. Gupta)	ANS-10.4-2008 (R2016) Verification and Validation of Non-Safety-Related Scientific and Engineering Computer Programs for the Nuclear Industry <a href="#">RF 9/26/2016</a> (WGC: R. Jones)	ANS-19.1-2002 (R2011) Ⓢ Nuclear Data Sets for Reactor Design Calculations <a href="#">RF 6/17/2011</a> (WGC: R. Little)
ANS-6.1.1 (W2001) Neutron and Gamma-Ray Fluence-To-Dose Factors (WGC: N. Hertel/P. Bergstrom)	ANS-10.5-2006 (R2016) Accommodating User Needs in Scientific and Engineering Computer Software Development <a href="#">RF 12/8/2016</a> (WGC: A. Smetana)	ANS-19.3-2011 (R2017) Determination of Steady-State Neutron Reaction-Rate Distributions and Reactivity of Nuclear Power Reactors <a href="#">App'd 1/24/2017</a> (WGC: E. Nichita)
ANS-6.1.2-2013 Group-Averaged Neutron and Gamma-Ray Cross Sections for Radiation Protection and Shielding Calculations for NPPs <a href="#">App'd 8/28/2013</a> (WGC: A. Alpan)	ANS-10.7-2013 Non-Real-Time, High-Integrity Software for the Nuclear Industry--Developer Requirements <a href="#">App'd 3/18/2013</a> (WGC: Open)	ANS-19.3.4-2002 (R2017) Ⓢ The Determination of Thermal Energy Deposition Rates in Nuclear Reactors <a href="#">RF 5/18/2017</a> (WGC: G. Radulescu)
ANS-6.3.1-1987 (R2015) Program for Testing Radiation Shields in Light Water Reactors (LWR) <a href="#">RF 12/11/2015</a> (WGC: Open)	ANS-10.8-2015 Non-Real Time, High Integrity Software for the Nuclear Industry--User requirements <a href="#">App'd 11/19/2015</a> (WGC: Open)	ANS-19.4-2017 A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification <a href="#">App'd 8/24/17</a> (WGC: E. Knuckles)
ANS-6.4-2006 (R2016) Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants <a href="#">RF 8/4/2016</a> (WGC: K. Jha)	ANS-41.5-2012 Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation <a href="#">App'd 2/15/2012</a> (WGC: Open)	ANS-19.5 (W2005) Ⓢ Requirements for Reference Reactor Physics Measurements (WGC: M. DeHart)
ANS-6.4.2-2006 (R2016) Ⓢ Specification for Radiation Shielding Materials <a href="#">RF 9/27/2016</a> (WGC: S. Nathan)		ANS-19.6.1-2011 (R2016) Ⓢ Reload Startup Physics Tests for PWRs <a href="#">Approved 8/5/2016</a> (WGC: C. Rombough)
ANS-6.4.3 (W2001) Gamma-Ray Attenuation Coefficients & Buildup Factors for Engineering Materials Ⓢ (WGC: J. Ryman/D. Dudziak)		ANS-19.8 (NEW) Fission Product Yields for 235U, 238U, and 239P (project in consideration) (WGC: Open)
ANS-6.6.1-2015 Calculation and Measurements of Direct and Scattered Gamma Radiation from LWR NPPs <a href="#">App'd 8/21/2015</a> (WGC: R. Amato)		ANS-19.9 (NEW) Ⓢ Delayed Neutron Parameters for Light Water Reactor (WGC: M. Brady Raap)
		ANS-19.10-2009 (R2016) Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals <a href="#">RF 10/11/2016</a> (WGC: A. Haghighat)
		ANS-19.11-2017 Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for PWRs <a href="#">RF 4/11/2017</a> (WGC: M. Mahgerefteh)
		ANS-19.12 (NEW) Ⓢ Nuclear Data for the Production of Radioisotope (WGC: Open)