

Nuclear Criticality Safety Consensus Committee (NCSCC)

Organizational Chart (10/31/2025)

Chair: Larry L. Wetzel

Vice Chair: William R. Shackelford

Fissionable Materials Outside Reactors Subcommittee (ANS-8)

Subcommittee Chair: Douglas Bowen / Subcommittee Vice Chair: Kevin Reynolds

Ⓟ = PINS submitted to ANSI

ANS-8.1-2014 (R2023) Ⓟ (A1)	Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors	RF 6/5/2023 (WGC: J. Marshall)
ANS-8.12-1987 (R2021) Ⓟ (A1)	Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors	RF 8/16/2021 (WGCs: C. Tripp / T. Stover)
ANS-8.19-2014 (R2024) Ⓟ (A1)	Administrative Practices for Nuclear Criticality Safety	RF 6/13/2024 (WGC: J. Miller)
ANS-8.22-1997 (R2021) Ⓟ (A1)	Nuclear Criticality Safety Based on Limiting and Controlling Moderators	RF 12/7/2021 (WGC: M. Crouse/ L. Paulson)
ANS-8.23-2024 @ (A1)	Nuclear Criticality Accident Emergency Planning and Response	RF 2/29/2024 (WGC: B. O'Donnell)
ANS-8.3-2022 (A2)	Criticality Accident Alarm System	RV 9/8/2022 (WGC: J. Hicks)
ANS-8.6-1983 (R2022) (A2)	Safety in Conducting Subcritical Neutron-Multiplication Measurements In Situ	RF 9/9/2022 (WGC: T. Cutler)
ANS-8.7-2022 (A2)	Nuclear Criticality Safety in the Storage of Fissile Materials	RV 5/6/2022 (WGC: J. Kuropatwinski)
ANS-8.10-2015 (R2025) (A2)	Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement	RF 2/24/2025 (WGC: A. Prichard)
ANS-8.14-2004 (R2021) (A2)	Use of Soluable Neutron Absorbers in Nuclear Facilities Outside Reactors	RF 8/5/2021 (WGC: K. Wessels)
ANS-8.15-2014 (R2024) (A2)	Nuclear Criticality Control of Selected Actinide Elements	RF 7/8/2024 (WGC: C. Rombough)
ANS-8.17-2004 (R2024) (A2)	Criticality Safety Criteria for the Handling, Storage, and Transportation of LWR Fuel Outside Reactors	RF 9/12/2024 (WGCs: E. Saylor/A. Lang)
ANS-8.20-2025 (A2)	Nuclear Criticality Safety Training for Fissionable Material Operations Outside Reactors	RV 3/26/2025 (WGC: D. Hill)
ANS-8.21-2023 (A2)	Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors	RV 6/20/2023 (WGC: D. Erickson)
ANS-8.24-2017(R2023) (A2)	Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations	RF 1/3/2023 (WGC: L. Wetzel)
ANS-8.26-2024 (A2)	Criticality Safety Engineer Training and Qualification Program	RV 11/21/2024 (WGC: K. Reynolds)
ANS-8.27-2015 (R2025) (A2)	Burnup Credit for Light Water Reactor Fuel	RF 9/15/25 (WGC: J. Clarity)
ANS-8.28-2024 (A2)	Administrative Practices for the Use of Non-Destructive Assay Measurements for Nuclear Criticality Safety	APP'D 3/12/2024 (WGCs: J. Chapman & E. Elliott)
(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		