

RARCC Chairman's Report to the ANS Standards Board

June 17, 2025 • ANS Annual Meeting • Chicago Marriott Downtown

PINS in Development /Approval (0)

Standards in Development – Approved PINS (8)

- ANS-1-202x, *Conduct of Critical Experiments* (revision of ANS-1-2000; R2024)—PINS submitted 7/7/2017
- ANS-15.8-202x, *Quality Assurance Program Requirements for Research Reactors* (revision of ANSI/ANS-15.8-1995; R2023)—PINS submitted 1/11/2010
- ANS-15.11-202x, *Radiation Protection & Research Reactors* (revision of ANSI/ANS-15.11-2016; R2021)—PINS submitted 2/28/2025
- ANS-15.22-202x, *Classification of Structures, Systems and Components for Research Reactors* (new standard)—PINS submitted 3/3/2017
- ANS-20.3-202x, *Standard for Oxygen Concentration Measurement in Molten Salt by Inert Gas Fusion Analysis* (new standard)—PINS submitted 5/30/2025
- ANS-30.2-202x, *Classification and Categorization of Structures, Systems, and Components for New Nuclear Power Plants* (new standard)—PINS submitted 7/7/2016
- ANS-31.1-202x, *Standard for Testing and Facilities for Space Nuclear Power and Propulsion Reactors* (proposed new standard)—PINS submitted 4/8/2025
- ANS-53.1-202x, *Nuclear Safety Criteria for the Design of High Temperature Gas-Cooled Reactor Plants* (revision of ANSI/ANS-53.1-2011; R2021)—PINS submitted 1/13/2023

Standards at Ballot/Resolving Comments (2)

- ANS-GS-30.1-202x, *Integrating Risk and Performance Objectives into New Reactor Nuclear Safety Designs* (new guidance standard)—PINS submitted on 8/11/2015
- ANS-54.8-202x, *Liquid Metal Fire Protection in LMR Plants* (new standard, revision of historic ANS-54.8-1988)—PINS submitted 6/12/2024

Standards Approved/Published in 2024/2025 (2)

- ANSI/ANS-15.16-2015 (R2024), *Emergency Planning for Research Reactors* (reaffirmation of ANSI/ANS-15.16-2015; R2020)—Approved 12/9/2024
- ANSI/ANS-54.1-2020 (R2025), *Nuclear Safety Criteria and Design Process for Sodium Fast Reactor Nuclear Power Plants* (reaffirmation of ANSI/ANS-54.1-2020)—Approved 4/15/2025

Delinquent Standards (5+ years since ANSI approval) (0)

No delinquent standards. The following standards are due for maintenance within the next year.

Designation	Title	Working Group Chair	ANSI Approval	Action Needed By
ANS-15.2-1999 (R2021)	Quality Control for Plate-Type Uranium-Aluminum Fuel Elements	B. Curnutt	1/28/2021	Maintenance to be completed by 1/28/26
ANS-15.4-2016 (R2021)	Selection and Training of Personnel for Research Reactors	J. Jenkins	7/23/2021	Maintenance to be completed by 1/28/26
ANS-53.1-2011 (R2021)	Nuclear Safety Design Process for Modular Helium-Cooled Reactor Plants	J. August	10/7/2021	Reaffirmation to be considered if revision not completed by 10/7/26

Responses to Inquiries

RARCC has no open inquiries.

Membership/BOI Changes (since last meeting)

- Nathan Clark, Pacific Northwest National Laboratory, appointment confirmed 1/25/2025. He votes in the “National Laboratory/Government Facilities” category.
- Amir Afzali retired from Aalo and was reclassified to the “Individual” category effective 1/25/2025.

Staffing Needs

Staffing Need (Member, chair, etc.)# of positions	Standard # (Responsible chair)	Date Need Identified (Estimated)	Priority (H or M)*	Date Need Filled	Source**	Date-Actions Taken to Fill Need (Estimated)
Members	ANS-15.21 (M. Balazik / T. Newton)	2023	M		d, e	2023 - various

* High (H) or medium (M) priority based on priority of standard or reaffirmation time limit.

**a. Personal contact, b. standards manager (ANS staff), c. ANS SC referral, d. ANS publication, e. ANS website, f. LinkedIn post, g. conference speakers and paper authors, h. internet search, i. other