

FWDCC Chairman's Report to the ANS Standards Board

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

PINS in Development/Approval (1)

- ANS-57.1, *Design Requirements for Light Water Reactor Fuel Handling Systems* (revision of ANSI/ANS-57.1-1992; R2024)—Standards Board comments remain unresolved

Standards in Development – Approved PINS (4)

- ANS-55.6-202x, *Liquid Radioactive Waste Processing System for Light Water Reactor Plants* (historic revision of ANS-55.6-1993; R1999)—PINS submitted 5/4/2021
- ANS-57.2-202x, *Design Requirements for Light Water Reactor Spent Fuel Facilities at Nuclear Power Plants* (reinvigoration of historical standard ANS-57.2-1983)—PINS submitted 2/8/2013
- ANS-57.9-202x, *Design Criteria for an Independent Spent Fuel Storage Installation (Dry Type)*, (reinvigoration of historical standard ANS-57.9-1992; R2000)—PINS submitted 2/12/2020
- ANS-57.10-202x, *Design Criteria for Consolidation of LWR Spent Fuel* (revision of ANS-57.10-1996; R2021)—PINS submitted 2/5/2025

Standards at Ballot/Resolving Comments (1)

- ANS-57.8-2020 (R202x), *Fuel Assembly Identification* (reaffirmation of ANSI/ANS-57.8-2020)—approved by the FWDCC; SB approval pending.

Standards Approved/Published in 2025 (0)

Erratum Issued

ANSI/ANS-55.1-2021 Erratum, *Solid Radioactive Waste Processing System for Light-Water-Cooled Reactor Plants*, was issued to correct an error in Table 4. The volume per day for a high-purity radwaste demineralizer is listed as 1(0.28) with units of [ft³/day (m³/day)]. The value in metric units should be 0.028 (not 0.28).

Delinquent Standards

FWDCC has no delinquent standards. Standard requiring maintenance in 2025:

Designation	Title	Working Group Chair	ANSI Approval	Action Needed By
ANS-40.37-2009 (R2021)	Mobile Low-Level Radioactive Waste Processing Systems	C. Miller	2/22/2021	Maintenance to be completed by 2/22/2026
ANS-55.1-2021	Solid Radioactive Waste Processing Systems for Light Water Cooled Reactor Plants	C. Miller	2/2/2021	Maintenance to be completed by 2/2/2026
ANS-57.10-1996 (R2021)	Design Criteria for Consolidation of LWR Spent Fuel	V. Thangam	1/28/2021	Maintenance to be completed by 1/28/26

Responses to Inquiries

FWDCC has no open inquiries.

Membership /BOI Changes (since last meeting)

- Harry Felsher, NRC, resigned from the FWDCC effective 5/21/2025.
- Steven Schilthelm, BWXT, resigned from the FWDCC effective 5/22/2025.
- John Stamatakis resigned from the FWDCC effective 6/4/2025 in advance of his retirement from Southwest Research Institute.

Volunteer 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/possibly chair too?	ANS-40.35 (D. Gerboth / R. Howard)	pre-dates FWDCC	M		d, e, f	various 2014 - current
Chair & members	ANS-57.1 (J. Scaglione)	pre-dates FWDCC	M		d, e, f	Chair role since 2024 Members various 2014 – current
Chair	ANS-57.3 (J. Scaglione)	2021	M		d, e	various 2021 - current
Vice Chair	Decommissioning (Commercial & Research Facilities) SubC (J. Vajda/J. Lucchini)	2014	M		d, e, f	various 2014 - current
Vice Chair	New and Used Fuel (Design Only) SubC (J. Scaglioni/J. Lucchini/)	2014	M		d, e, f	various 2014 - current

* 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