What's New . . .

Approval of Proposed Standards Projects (new or revised)
Before work on a draft standard can begin, a Project Initiation Notification System (PINS) form must be approved and submitted to the American National Standards Institute (ANSI). The following projects have completed a PINS form to approve the initiation of a new standard or to revise a current standard:


Drafts in Development
The following projects have approved PINS forms and are in development:

- ANS-2.8-201x, “Determine External Flood Hazards for Nuclear Facilities” (revision of withdrawn standard ANSI/ANS-2.8-1992)
- ANS-2.16-201x, “Criteria for Modeling Design-Basis Accidental Releases from Nuclear Facilities” (new standard)
- ANS-2.31-201x, “Standard for Estimating Extreme Precipitation at Nuclear Facility Sites” (new standard)
- ANS-3.8.10-201x, “Criteria for Modeling Real-Time Accidental Releases at Nuclear Facilities” (new standard)
ANS-3.11-201x, “Determining Meteorological Data for Nuclear Facilities” (revision of ANSI/ANS-3.11-2005; R2010)

ANS-3.13-201x, “Nuclear Facility Reliability Assurance Program (RAP) Development” (new standard)

ANS-3.14-201x, “Process for Aging Management and Life Extension of Nonreactor Nuclear Facilities” (new standard)

ANS-6.4.2-201x, “Specification for Radiation Shielding Materials for Nuclear Facilities” (revision of ANSI/ANS-6.4.2-2006)

ANS-6.4.3-201x, “Gamma-Ray Attenuation Coefficients & Buildup Factors for Engineering Materials” (revision of withdrawn standard ANSI/ANS-6.4.3-1991)

ANS-6.6.1-201x, “Calculation and Measurement of Direct and Scattered Radiation from LWR Nuclear Power Plants” (revision of ANSI/ANS-6.6.1-1987; R2007)

ANS-8.3-201x, “Criticality Accident Alarm System” (revision of ANSI/ANS-8.3-1997; R2003)


ANS-8.27-201x, “Burnup Credit for LWR Fuel” (revision of ANSI/ANS-8.27-2008)


ANS-10.8-201x, “Non-Real Time, High-Integrity Software for the Nuclear Industry—User Requirements” (new standard)

ANS-15.2-201x, “Quality Control for Plate-Type Uranium-Aluminum Fuel Elements” (revision of ANSI/ANS-15.2-1999; R2009)

ANS-15.4-201x, “Selection and Training of Personnel for Research Reactors” (revision of ANSI/ANS-15.4-2007)


ANS-15.11-201x, “Radiation Protection at Research Reactors” (revision of ANSI/ANS-15.11-2009)

ANS-19.5-201x, “Requirements for Reference Reactor Physics Measurements” (revision of withdrawn standard ANSI/ANS-19.5-1995)

ANS-19.9-201x, “Delayed Neutron Parameters for Light Water Reactors” (new standard)


ANS-19.12-201x, “Nuclear Data for Isotope Production Calculations for Medical and Other Applications” (new standard)


ANS-56.8-201x, “Containment System Leakage Testing Requirements” (revision of ANSI/ANS-56.8-2002)

ANS-57.2-201x, “Design Requirements for Light Water Reactor Used Fuel Storage Facilities at Nuclear Power Plants” (revision of withdrawn standard ANSI/ANS-57.2-1983)

ANS-57.3-201x, “Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants” (revision of withdrawn standard ANSI/ANS-57.3-1983)

ANS-57.11-201x, “Integrated Safety Assessments for Fuel Cycle Facilities”


Projects at Ballot (or resolving ballot comments)
Projects at ballot have completed drafts that have been issued for formal consensus committee ballot with concurrent public review. Before proceeding, all comments must be considered. Multiple ballots may be needed before a draft is approved. The following draft standards are in the process of approval/comment resolution:

ANS-2.30-201x, “Criteria for Assessing Tectonic Surface Fault Rupture and Deformation at Nuclear Facilities” (new standard)

ANS-3.5-201x, “Nuclear Power Plant Simulators for Use in Operator Training and Examination” (revision of ANSI/ANS-3.5-2009)


ANS Recently Approved Standards

The following new or revised standards have recently received ANSI approval:


- ANSI/ANS-10.7-2013, “Non-Real Time High-Integrity Software for the Nuclear Industry—Developer Requirements” (new standard approved 3/18/13 – available for purchase)


Contact standards@ans.org for more details on any of the above standards.

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