

ANS Nuclear Installations Safety Division S&T Plan 2013-2017

Mission Statement

Devoted specifically to the safety of nuclear installations and the health and safety of the public, this division seeks a better understanding of the role of safety in the design, construction, operation, and decommissioning of nuclear installation facilities. The division also promotes engineering and scientific technology advancement associated with the safety of such facilities.

I. Tactical Plan for 2013

1. Division's Commitment to Young Member Group and Student Support

Visibly and actively support ANS Young Member Group (YMG). Support a presence and provide representatives at the ANS National Student Conference at the Massachusetts Institute of Technology.

Lead: Executive Committee
(Mission 1, goal 1)¹

Recruit members to maintain NISD Facebook page and update page as needed.

Lead: Matt Denman
(Mission 1, goal 1)

2. Topical Meetings

Maintain leadership of PSA International Topical Meeting as the pre-eminent meeting in Probabilistic Safety Assessment and Analysis. Work with Columbia (South Carolina) and Savannah River Sections on PSA 2013 to ensure the meeting is well-organized and adequately staffed.

Leads: Phil Ellison, Anthony Baratta, Bob Budnitz, and John Lee. Chip Martin will work with the Columbia/Savannah River organizers.
(Mission 2, goal 1)

Assist with Class III-embedded topical on Risk Management as part of 2013 ANS Winter Meeting.

Lead: Executive Committee
(Mission 2, goal 1)

¹Goals listed here refer to mission components and goals in ANS Strategic Plan.

Mission 1, goal 1: Support the ongoing education and development of the nuclear science and technology

Mission 1, goal 2: Encourage member professional achievement through recognition of contributions

Mission 2, goal 1: Members will be a leading source of nuclear science and technology information

Mission 2, goal 2: Provide technical information in support of nuclear science and technology applications

Mission 2, goal 3: Produce and maintain ANS standards for the nuclear science and technology community

Mission 3, goal 1: Increase awareness of safe applications and contributions of nuclear science and technology

Mission 3, goal 2: Attract individuals into nuclear science and technology careers

Mission 3, goal 3: Increase public awareness of the Center for Nuclear Science and Technology Information

Begin working with Idaho Section on PSA 2015 and appoint team to oversee Idaho Section on PSA 2015.

Lead: Kevin O’Kula
(Mission 2, goal 1)

Provide Class-IV sponsorship for the 8th Nuclear Plants Current Issues Symposium, January 2013.

Lead: Anthony Baratta
(Mission 2, goal 1)

3. Professional Development

Develop workshops to be offered at national ANS meetings to provide technical training and development opportunities for NISD members.

Lead: Executive Committee
(Mission 1, goal 1)

Encourage submission of papers for NISD sessions at the National Meetings by establishing the NISD Best Paper Award.

Lead: Program Committee
(Mission 1, goal 1)

Recognize professional achievements of NISD members through the ANS H&A Committee.

Lead: NISD H&A Committee
(Mission 1, goal 2)

4. Communications

Support activities of the Center for Nuclear Science and Technology Information as the Center is developed in the areas of nuclear power reactor safety and risk assessment.

Lead: Executive Committee
(Mission 3, goal 3)

Continue to improve NISD communications by updating ANS position statements and other communications with ANS members, policy makers, and nuclear organization that reflect NISD views on nuclear science and technology issues.

Lead: Executive Committee
(Mission 2, goals 1-3)

Support Professional Divisions Committee’s efforts to develop “Fact Sheets” to address issues arising as a result of 2011 Fukushima accident.

Lead: Executive Committee
(Mission 2, goals 1-3)

Support Public Information Committee to develop Q&A book and to serve as a resource for nuclear science and technology.

Lead: Executive Committee
(Mission 2, goals 1-3)

II. Five Year Strategic Plan for 2013-2017

1. Division's Commitment to Young Member Group and Student Support

Visibly and actively support ANS Young Member Group (YMG). Support a presence and provide representatives at the ANS National Student Conferences.

Lead: Executive Committee
(Mission 1, goal 1)

Recruit members to maintain NISD Facebook page and update page as needed.
(Mission 1, goal 1)

2. Class I and Class III Topical Meetings

Begin working with Idaho Section on PSA 2015 and appoint a team to oversee Idaho Section on PSA 2015.

Lead: Kevin O'Kula
(Mission 2, goal 1)

Develop recommendations for a Long-Term Topical Meeting Plan from Program Committee

Lead: Kevin O'Kula with Topical Meeting Coordinator
(Mission 2, goal 1)

3. Professional Development

Develop workshops to be offered at national ANS meetings to provide technical training and development opportunities for NISD members.

Lead: Executive Committee
(Mission 1, goal 1)

Encourage submission of papers for NISD sessions at the National Meetings by continuing the NISD Best Paper Award.

Lead: Program Committee
(Mission 1, goal 1)

Recognize professional achievements of NISD members through the ANS H&A Committee. Support the nomination of members for election to the Fellow grade.

Lead: NISD H&A Committee, NISD Chair/Vice Chair
(Mission 1, goal 2)

4. Communications/Outreach

Support activities of the Center for Nuclear Science and Technology Information as the Center is developed in the areas of nuclear power reactor safety and risk assessment.

Lead: Executive Committee
(Mission 3, goal 3)

Continue to improve NISD communications by updating ANS position statements and other communications with ANS members, policy makers, and nuclear organization that reflect NISD views on nuclear science and technology issues.

Lead: Executive Committee
(Mission 2, goals 1-3)

Support Professional Divisions Committee's efforts to develop "Fact Sheets" to address issues arising as a result of 2011 Fukushima accident.

Lead: Executive Committee
(Mission 2, goals 1-3)

Support Public Information Committee to develop Q&A Book and to serve as a resource for nuclear science and technology.

Lead: Executive Committee
(Mission 2, goals 1-3)

Investigate preparation of summary reports on embedded topical meetings and other nuclear safety topics for *Nuclear News*.

Lead: Program Committee
(Mission 2, goals 1-3)

5. Coordination with Outside Professional Societies

Communicate with NISD counterparts in other nuclear societies such as the ENS, British NI, and other professional societies on areas of mutual interest.

Lead: Richard Swinburn, Executive Committee
(Mission 2, goals 1 and 2)

6. Support for ANS Standards

Provide support for ANS and international standards on nuclear power reactor safety, including ANS 10.4.

Lead: Program Committee
(Mission 2, goals 1 – 3)

7. NISD Membership

Increase young members and retain senior members by advertising the Best Paper Award and NISD sponsored awards.

Lead: Executive Committee
(Mission 1, goals 1 and 2)

8. Support Active Program Participation at National Meetings

Continue large division (>600 members) goal of >20 papers for both National Meetings. Institute an Executive Committee mentoring activity for session organizers to increase successful sessions. Enlist active participation of session chairs, members of Program and Executive Committees as judges for the Best Paper Award.

Lead: Program Committee, Executive Committee
(Mission 1, goals 1 and 2)

9. Website and Newsletter

Maintain and update the NISD website on a continuous basis providing timely information on NISD sponsored topical meetings and Best Paper awardees. Publish a newsletter one month before national meetings, with support from the Executive and Program Committees.

Lead: G. Wilson
(Mission 2, goals 1 and 2)

10. Communications among Executive Committee

Continue virtual quarterly meetings among EC members to apprise members on current issues or actions that require followup.

Lead: NISD Chair and Vice Chair
(Mission 2, goals 1 and 2)

11. Financial Planning and Management

Review the NISD budget at National Meetings and establish a long-term strategy for effective use of the funds available.

Lead: Executive Committee

Table 1. Cycle for NISD Biennial Topical Meetings (as of 2013)

Probabilistic Safety Assessment	Advanced Nuclear Installation & System Safety	Operating Nuclear Facility Safety/Risk Management/Best Estimate
August 1999: Washington, D.C.	Advanced Nuclear Installation Safety, June 2000: San Diego, CA Embedded with ANS Meeting	Operating Reactor Safety – 1998: San Francisco, CA BE 2000 Embedded – Washington, D.C.
October 2002: Detroit, MI	May 2003, in San Francisco, CA (Cancelled)	BE 04 November 2004: Washington, D.C. (Embedded) 2004 ONFS November 2004: Washington, D.C. (Embedded)
2005: PSA '05: September 11 – 15, 2005 San Francisco, CA	2007 Safety and Technology of Nuclear Hydrogen Production, Control and Management June 24 – 28, 2007 Boston, MA (Embedded)	Class IV sponsorship with ESD of the National Hydrogen Association annual meeting in Columbia, SC (March 30 – April 3, 2009). Risk Management III Embedded Topical in Washington, D.C. November 15-19, 2009.
2008: PSA 2008: September 7 – 11, 2008 Knoxville, TN	2010 2 nd International Safety and Technology of Nuclear Hydrogen Production Control and Management (2IST-NH2) Embedded with San Diego Annual Meeting, June 2010. (National Hydrogen Association is potential co-sponsor)	Class IV sponsorship with ESD of the National Hydrogen Association annual meeting in Long Beach, CA (May 3 - 6, 2010).
2011: PSA 2011 meeting; Wilmington, NC, March 13-17	2012: Severe Accident Prevention and Mitigation (Embedded), San Diego, CA, November 11 – 15	2013: Risk Management IV– Embedded topical in Washington DC, November 10-14
(2013: Class IV sponsorship of PSAM Meeting, Tokyo, Japan, April 15-17)		
2013: PSA 2013 meeting: Columbia, SC, September 22-26		
2015: PSA 2015 meeting, Sun Valley, Idaho		