



American Nuclear Society Nuclear Nonproliferation Technical Group

Hyatt Regency Hotel - Atlanta
 Sunday, June 16, 2013; 3:00 pm – 4:00 pm EST

Executive Committee Meeting

Officers			Executive Committee					
			2013		2014		2015	
<i>Chair</i>	P	John Dewes	P	Mel Buckner		Shaheen Dewji	T	Michaela Eddy
<i>Vice Chair</i>	P	Steve Nesbit	P	Jeff Jay		Susan Turner	P	Robert Bari
<i>Secretary</i>	T	Jeremy Whitlock		Caroline Jorant	P	Jim Behrens	P	Adam Stulberg
<i>Treasurer</i>	P	Morris Hassler				Tim Valentine	P	Howard Hall
<i>Immediate Past Chair</i>	P	John Gunning						

Committee Chairs						
<i>Program</i>	P	Chris Robinson		<i>Goals and Planning</i>	P	John Dewes
<i>NNTG Advisory</i>	P	Bill Burchill		<i>Publicity and Public Policy</i>	P	Ben Cross
<i>Web Content</i>	P	John Gunning		<i>Nominating</i>	P	John Gunning

Others Attending							
	David Hanks (NRC)		Jason Harris (ISU)		Samuel Brinton (MIT)		Matt Gidden (UW-M)
	Lenka Kollar (ANL)		Rian Bahran (RPI)		Craig Williamson (SCUREF)		

Note: P = in person, T= via teleconference

1. **Introductions**

NNTG Chair John Dewes called the Nuclear Nonproliferation Technical Group (NNTG) meeting to order at 2:05 pm EST on Sunday afternoon, June 16, 2013 and then welcomed the Fourth NNTG Governance meeting attendees. John identified the 2012-13 NNTG officers and executive committee members, as listed above, and asked each of the members and guests to introduce themselves.

2. **Approval of Minutes of the San Diego November 2012 EC Meeting**

A motion was made and seconded to approve the minutes of the November 2012 NNTG meeting. The motion passed.

3. **Officer Reports**

a. **Chair**

Unfortunately, our telecon failed to work as planned. Thanks to all who tried to call in! The need for inexpensive technology to facilitate telecons using cell phones during governance meetings was discussed. Don Hoffman, the NNTG Board Representative and incoming ANS President, agreed that ANS National needs to work on a solution to this problem.

b. John Dewes discussed the President’s meeting earlier in the day. ANS National is embarking on a review of all products and services provided by the ANS Staff, with an eye towards ensuring the value of each product or service from a business perspective. Virtual attendance at ANS meetings is being considered, with the cost of “electronic” participation in debate.



c. Vice-Chair

Steve Nesbit, NNTG Vice-Chair, discussed the NNTG newsletter, which was issued in February. Thanks to Michaela Eddy for putting together an outstanding newsletter. Steve suggested that we continue with bi-annual newsletters, and asked for suggestions for articles be provided to Michaela.

The website content was discussed. In addition to some sorely needed updates to the basic information, the need for educational references and links was discussed. Steve called for input in this area.

d. Secretary

Secretary Jeremy Whitlock had no report.

e. Treasurer

Morris Hassler, NNTG Treasurer, provided a report on the financial empire known as NNTG. We currently have a carryover balance of \$85, current income of \$1032, expenses of \$430 for website maintenance, and with authorized expenditures of \$200 for Awards and Plaques.

4. Student Conference Reports

Representatives of the 2013 ANS Student Conference, held at MIT in April, reported that 536 students attended, presenting 171 papers and 65 posters. They thanked NNTG for their participation in the Nonproliferation panel.

Representatives of the 2014 ANS Student Conference, to be held at Penn State University, also presented their call for papers and participation. The NNTG offered non-financial support in the form of Judges and panelists.

5. Committee Reports

a. Special Advisory Committee on Nuclear Non-proliferation (Bill Burchill)

Bill presented a summary of their meeting held earlier in the day. The committee identified two areas of focus, including Export Control (specifically the 810 Export License process) and FOCI – foreign ownership and control of nuclear facilities.

In the area of Export Control, it was identified that a Position Statement (#83) was issued following the June 2012 ANS Meeting. ANS is expected to provide input into the proposed revision of the 810 Licensing process. The committee suggested that ANS should improve the understanding of our members in this area.

b. Program (Chris Robinson)

Chris provided the following summary of program activities:

June 2013 ANS Annual Meeting – Atlanta, GA

Chris reported that there are two sessions on non-proliferation in Atlanta.

**November 2013 ANS Winter Meeting – Washington, DC**

Chris reported that the Program Committee is sponsoring an Embedded Topical at the November 2013 ANS Winter Meeting since it is in Washington, DC. The overall theme of the meeting is the 75th anniversary of the discovery of fission. Fifteen sessions were proposed at the program committee meeting and will be submitted to the NPC on Wednesday. A concerted effort to ensure the success of our first Embedded Topical is being led by Chris and John Gunning, who will be the General Chair for the topical.

In addition, an attempt will be made to include a student poster session in the Embedded Topical.

June 2014 ANS Annual Meeting – Reno, NV

Chris reported that there were ten sessions proposed on non-proliferation in Reno. 100 word summaries are being submitted.

Chris's contact information is as follows:

R. Chris Robinson
Director, Nuclear Materials Initiatives
Y-12 National Security Complex
P.O. Box 2009
Oak Ridge, TN 37831-8112
864-776-2025
robinsonrc@y12.doe.gov

c. Goals and Planning

The NNTG Goals and Plans, as distributed with the Agenda (see attached), were discussed. Several items are in progress, and the Goals and Objectives should be reviewed in the coming months, likely through teleconferences (TBA).

d. Membership

Vanice Perrin was not available to discuss Membership Committee activities.

e. Publicity & Public Policy

Ben Cross was not available to discuss.

The proposed revision of Position Paper #45 on Nuclear Fuel Recycling was discussed. The NNTG, in conjunction with FCWMD, have developed a consensus draft, with one item yet to be agreed upon. Apparently the FCWMD would like some specificity in the expected capacity of the pilot reprocessing facility. This issue will be worked out in the Public Policy committee.

f. Honours and Awards

A general discussion on the path forward for establishment of an award sponsored by NNTG was held. A proposal is expected at the next meeting.

g. Website (<http://nn.ans.org>)



The process for maintaining the NNTG website was discussed. It was moved and seconded to investigate the potential for ANS maintenance of the website (as with other divisions).

Much discussion was held as to the potential content of the website. Suggestions include:

- Chair memo
- Upcoming NNTG sessions at ANS Meetings
- Call for papers for related meetings
- Educational materials (including links to INMM items)
- Nuclear News articles related to NNTG
- Career opportunities in Nonproliferation
 - Internships available
 - Career Vignettes

A student volunteer was solicited for updated the careers section of the website.

6. Old Business

None

7. New Business

A motion was made and seconded to maintain a Young Member presence on the NNTG Executive Committee. The Nominating Committee will ensure that a YM candidate is present when needed. The motion carried.

A motion was made to support the proposed Young Member metrics for each Division. The motion carried.

Meeting adjourned at 4:30 pm PST.



NUCLEAR NONPROLIFERATION TECHNICAL GROUP GOALS AND PLANS

GOALS

- A. Substantial increase NNTG Membership
- B. Develop a Revenue Stream for NNTG
- C. Clarify Scope of NNTG
- D. Establish a representative NNTG Governance
- E. Develop Collaborative Relationships

PLANS

- 1. Advertise in Nuclear News, ANS News
- 2. Prepare Articles for Nuclear News, ANS News
- 3. Pursue Embedded Topical
- 4. Identify Appropriate subject for Stand-Alone Topicals
- 5. Prepare topical paper illustrating NNTG topics related to each ANS Division as appropriate
- 6. Establish strawman listing of topics for NNTG Sessions, Assess Frequency for each topic
- 7. Prepare a list of entities (Corporations, academia, industry) that should be involved in NNTG
- 8. Identify candidate personnel from these entities and invite as EC members as necessary to fill gaps in representation
- 9. Establish collaboration with INMM
- 10. Identify other Appropriate Organizations for Collaboration
- 11. Sponsor a Panel Session on Nonproliferation at each ANS Student Conference