

# American Nuclear Society Nuclear Nonproliferation Technical Group

CHICAGO HYATT HOTEL – HAYMARKET; CHICAGO, IL

Sunday, June 24, 2012; 2:00 pm – 4:00 pm EDT

## Executive Committee Meeting

Officers			Executive Committee					
				2012		2013		2014
<i>Chair</i>	P	John Gunning		Raymond Juzaitis		Mel Buckner		Shaheen Dewji
<i>Vice Chair</i>	P	Larry Satkowiak	P	Steven Nesbit	P	Jeff Jay	P	John Dewes
<i>Secretary</i>	P	Carl Mazzola				Caroline Jorant (International Rep)		
<i>Treasurer</i>		Michaela Eddy						
<i>Immediate Past Chair</i>	P	Ben Cross						

### Committee Chairs

<i>Program</i>	P	Susan Turner		<i>Goals and Planning</i>	P	John Dewes
<i>Membership</i>		Vanice Perin		<i>Publicity and Public Policy</i>	P	Ben Cross
<i>Web Content</i>	P	John Gunning				

### Special Advisory Committee on Nuclear Nonproliferation (SACNN)

Chair: Bill Burchill

P	William Burchill - <i>Chair</i>		Humberto Garcia		Michael Lineberry		Thomas Sanders
	Henry Abeyta		Matthew Gidden		Michael Miller		James Tulenko
	Steven Aumeier		Mark Goodman		Steve Mladineo		Daniel Vega
	Robert Bari	P	Linda Hansen		Paul Nelson		Alan Waltar
	Jim Bollinger		Alan Hanson		Vanice Perin		Jeremy Whitlock
	Gene Carpenter	P	Morris Hassler	P	Shikha Prasad		Ned Wogman
	Maureen Clapper		Andrew Kadak		Clay Ramsey		
	Herbert Feinroth		Steve LaMont	P	David Rossin		Ted Quinn

### Others Attending

P	Joyce Connery	P	Larry Foulke	P	Jeff Favorite		
P	Sean Branney	P	Adam Hecht	P	Bernadette Kirk		
P	Adam Stuhlberg	P	James Behrens	P	Jeff Johnson		
P	Lenka Kollar	P	Luc Van den Durpel				

Note: P = in person, T= via teleconference

#### 1. Introductions

Chair John Gunning called the Nuclear Nonproliferation Technical Group (NNTG) meeting to order at 2:10 pm on Sunday afternoon, June 24, 2012 and then welcomed the 24 meeting attendees. John asked each of the members and guests to introduce themselves and briefly discuss their role and function on the NNTG and reviewed the agenda.

## **2. Approval of Minutes of the Washington, DC October 30, 2011 Meeting**

A motion was made and seconded to approve the minutes of the October 30, 2011 NNTG meeting, adding the names of a few attendees that were not recorded. The motion passed unanimously.

## **3. Officer Reports**

### **A. Chairman**

John Gunning, NNTG Chairman, mentioned the results of the May 2012 election of NNTG officers and executive committee members. John Dewes will be the chair and Steve Nesbit the Vice-Chair, Jeremy Whitlock was elected Secretary and Morris Hassler, Treasurer. The nine Executive Committee members were also identified.

John reported on the highlights of the June 23, 2012 Professional Divisions Committee (PDC) workshop. Professional Division and Technical Group chairmen and vice-chairmen were given an excellent overview of how to interact with other ANS elements and were introduced to new ANS staff members who replaced those who recently retired. Ray Klann made an excellent presentation on the role of the National Program Committee and explained the various topical meeting options that professional divisions and technical groups could pursue and mentioned that ANS is pursuing doing the paper review meetings and auction online at in the future. In addition, much of the content of the Professional Divisions manual were reviewed.

John stated that the NNTG bylaws and rules have been submitted to PDC.

Incoming chairman, John Dewes, attended the President's meeting with Division Chairs and reported on matters that would significantly affect the NNTG. He indicated that the Board of Directors will forego its review of division activities in favor of them becoming part of the ANS Strategic Plan. Responses and strategies to the April 2012 membership study should also be considered by each professional division and technical group in its strategic planning. Eric Loewen, ANS President, encouraged professional divisions and technical groups to improve their outreach and one means to do this is to develop posters.

### **B. Vice-Chairman**

Larry Satkowiak, NNTG Vice-Chairman, recognized the significant achievements in all the work required to make NNTG the 20<sup>th</sup> element of the Professional Divisions/Technical Groups.

### **C. Secretary**

Carl Mazzola, NNTG Secretary, indicated he has performed his duties as Secretary by developing the meeting minutes.

### **D. Treasurer**

Michaela Eddy, NNTG Treasurer, was not available to report on the NNTG Treasury. John mentioned that with 215 members, NNTG has a treasury of \$430; the Treasury receiving its first revenue on January 1, 2012 when it was credited \$2 per NNTG member, whether the ANS member chose NNTG as its first or second division choice. Other future revenues will come from standalone and embedded topical meetings that NNTG sponsors or co-sponsors with another professional division.

No budget for 2012-2014 was prepared nor any additional financial information offered.

At the Washington, DC meeting, it was recognized that since NNTG will not have any revenue until early 2012, it was moved, seconded and voted to request \$3,000 seed money from Fuel Cycle Waste Management Division (FCWMD), since that professional division has sponsored the Subcommittee on Nuclear Non-proliferation (SCNN) since its inception in 1993. FCWMD officers and executive committee were not contacted and this action will carry over for the next Treasurer to address.

John mentioned that when NNTG has sufficient revenue, it will pursue endowment of a scholarship and financially support the annual Student Conference.

#### **4. Committee Reports**

##### **A. Program Committee**

##### **June 2012 ANS Annual Meeting – Chicago, IL**

NNTG Program Chair Susan Turner indicated that she was looking to fill out the Program Committee. Morris Hassler volunteered to assist Susan with the program activities. It was noted that the Division Representative to the National Program Committee (NPC) does not have to be the Program Chairman.

Susan discussed the one NNTG session for this meeting:

1. Nuclear Nonproliferation: General - Wednesday a.m. (Craig Williamson).

##### **November 2012 ANS Winter Meeting – San Diego, CA**

Susan reviewed the potential sessions that NNTG will sponsor that are identified by items 15a through 15i in the Call for Papers for the November 2012 Winter Meeting in San Diego, CA. It was emphasized that stimulated paper abstracts are due on Thursday, June 29, 2012. However, abstracts can be accepted as late as the paper review meeting in Chicago, IL, July 9-10, 2012. An NNTG representative was encouraged to attend the paper review meeting to ensure that a favorable placement in the auction of all NNTG sessions will be achieved. Susan mentioned that there wasn't any information on the numbers of papers that was submitted so far and that the 2012 Winter Meeting Technical Program Chairman had not communicated with her.

There are nine (9) potential sessions for the 2012 Winter Meeting:

1. Nuclear Nonproliferation and International Safeguards Challenges in the Middle East – Panel;
2. Nuclear Nonproliferation Education Programs – Panel;
3. NNSA Global Threat Reduction (NA-21) Activities – Panel;
4. Nonproliferation Considerations Associated with Transportation and Handling of UF<sub>6</sub> Cylinders (Sean Branney);
5. Road to Zero (Michaela Eddy);
6. Safeguards and Security Considerations Associated with Long-Term Dry Storage of Used Nuclear Fuel (Steve Nesbit);
7. Treaty Verification and Arms Control Policy and Technology (Susan Turner);
8. Safeguards by Design – NNSA's Next Generation Safeguards Initiative Activities (John Gunning); and,

## 9. Nuclear Non-Proliferation: General

### **June 2013 ANS Annual Meeting – Atlanta, GA**

Susan requested 100-word summaries for next year's annual meeting that are due by Thursday, June 29, 2012.

Seven (7) potential sessions for the 2013 Annual Meeting were discussed:

1. Plutonium Disposition Projects at Savannah River Site (Carl Mazzola) (already has provided a 100-word summary);
2. Human Capital Resource Issues (Jeff Jay), working with NEI and INPO;
3. Road to Zero (Adam Holgate), working with Sam Nunn Institute and Laura Holgate representatives;
4. Safeguards by Design – NNSA's Next Generation Safeguards Initiative Activities (John Gunning);
5. Nuclear Non-Proliferation: General;
6. Public Views on Nonproliferation Issues (David Rossin); and,
7. Treaty Verification and Arms Control Technologies–Panel (Susan Turner).

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

Susan requested suggestions for the November 2013 ANS Annual Meeting to be held in Washington, DC. The following potential nonproliferation session was offered.

1. Uranium Enrichment (Morris Hassler).

### **Topical Meetings**

Susan mentioned that the NNTG is involved with the 9<sup>th</sup> International Conference on Facility Operations Safeguards in Savannah, GA, in cooperation with the Isotopes and Radiation Division (IRD). This topical meeting is sponsored by the Oak Ridge Local Section, and will be held September 23-28, 2012.

It was suggested that NNTG should gravitate to an embedded topical as its first sponsored topical rather than a stand-alone topical meeting, since the embedded topical for a small technical group is more achievable since ANS Headquarters does the lion's share of the work. The Program Committee will be looking into sponsoring an Embedded Topical at the November 2013 ANS Winter Meeting since it is in Washington, DC.

### **B. Membership Committee**

Vanice Perin was not available to discuss membership committee activities. It was noted that 215 members was a good start for a new technical group.

Steve Nesbit stated that an e-mail blast from the incoming chairman to all 215 members that requested support of NNTG committees, especially the Program Committee, would help in the population of these committees.

It was mentioned that membership and embedded topical meetings are a "chicken and egg" phenomenon. Membership needs to increase to provide the human capital for organizing and executing a topical meeting; while topical meetings attract new members.

### **C. Web Content Committee**

John Gunning indicated that the NNTG website is <http://nn.ans.org> continues to be a work in progress, and has been updated to include new information associated with NNTG governance. Hanna Shapira is the site webmaster.

John Gunning mentioned that there was no newsletter developed this year. Steve Nesbit indicated that it was important to do a newsletter as it is an excellent means to communicate with your membership.

### **D. Goals and Planning Committee**

John Dewes reviewed the status of the NNTG goals and plans, which are attached to these minutes. John mentioned that there is a need for volunteers to step up to help develop the various plans that are needed.

John opined that with respect to advertising the new technical group, it was recommended that an article for Nuclear News be developed that discusses the opportunities associated with NNTG membership. NNTG already enjoys a good collaborative relationship with the Institute for Nuclear Materials Management (INMM), who focuses on management of fissile materials, and had a good discussion with INMM representatives in Las Vegas, NV. International collaboration is also very important. Luc van den Derpel volunteered to facilitate international relationships through his European contacts.

John stated that sponsoring topical meetings or executive conferences are good options. Bill Burchill cautioned that with the exception of the October annual meeting at Amelia Island, FL, executive conferences have not proven to be good revenue generators. Historically, Washington, DC has proven to be a good venue for an embedded topical meeting. The embedded topical meeting tracks can be developed by looking at previous FCWMD programs at annual meetings.

John mentioned that NNTG is working on position statements that it was given responsibility for. Ben Cross, NNTG Past-Chairman, suggested that NNTG develop a new position statement on nuclear energy around the world.

### **E. Publicity and Public Policy Committee**

Jeff Jay mentioned that he has begun some efforts associated with this committee, but did not have enough time to discuss them in detail.

Jeff did indicate that he is working with the SACNN on human capital activities and a strategy to move this topic forward.

### **F. Honors and Awards Committee**

Vanice Perin was not in attendance to receive her award, named after her since she was the individual that began the SCNN. John Dewes will contact her to obtain permission to name the award in her honor.

### **G. Scholarship Committee**

Existing revenues need to be augmented before a NNTG Scholarship can be endowed. It was suggested that private corporations be contacted to provide support.

## **H. Special Advisory Committee on Nuclear Nonproliferation (SACNN)**

Bill Burchill reviewed the discussions of the SACNN meeting which preceded this meeting. Minutes from this meeting are being prepared separately.

Bill indicated that the SCANN was created to retain the broad resource of professionals from the SCNN. The SACNN acts independently of the NNTG Executive Committee. John mentioned that the NNTG Rules have already accounted for this and do not have to be revised.

### **5. Old Business**

No old business was carried from the last meeting.

### **6. New Business**

Due to the late hour, there was no opportunity to conduct new business.

### **7. Adjournment**

The NNTG meeting was adjourned at 4:25 pm. NNTG Chair John Gunning thanked everyone for their time and contributions.

Respectfully submitted,

Carl Mazzola, Secretary  
Nuclear Nonproliferation Technical Group

Distribution Date: TBD