

**MINUTES OF THE NISD EXECUTIVE COMMITTEE MEETING  
AMERICAN NUCLEAR SOCIETY  
San Antonio, Texas  
7:30 p.m. CDT, June 7, 2015**

**Attendees (with member service date):**

Ronald Knief (chair) (2017), Susan Pickering (vice-chair), (2017), Robert (Bob) Martin (secretary/treasurer) (2016), Charles R. (Chip) Martin (2017), Tunc Aldemir (2016), Virginia Cleary-Ivanoff (2016) and Stanley Levinson (2015)

Members unable to attend included: John Lee (Immediate Past Chair), Marc-Gerard Albert (2016), Tony Baratta (2017), Phillip Ellison (2017), and Richard Swinburn (2017)

Visitors included: Bill Horak (PC Chair), Eric Harvey (Newsletter Editor), Marty Sattison, Bob Youngblood (2018), Juan Carbajo, Herb Massie, Paul Branham, Jeff Mitman (2018), Steve Craft (2018), Kevin O’Kula, and Stephen Schultz

**1. Opening**

After confirming that a quorum of members (7 of 12) was present, Ron Knief called the American Nuclear Society’s (ANS’s) Nuclear Installation Safety Division (NISD) Executive Committee (EC) meeting to order at 7:43 p.m. Attachment A presents the planned meeting agenda. Attachment B presents the sign-in sheet.

ACTION: To support preparation of the NISD Newsletter, our editor, Eric Harvey ([elharvey@berkeley.edu](mailto:elharvey@berkeley.edu)), needs to be added to the NISD listserv.

**2. Student Conference Report**

The first orders of business were presentations by students from Texas A&M and the University of Wisconsin (UW), discussing their school’s respective ANS Student Conferences. Tim Crook and Sarah Camba from Texas A&M summarized their experience at the 2015 ANS Student Conference held on April 9-11, 2015. Over 500 nuclear students and professional were in attendance, participating in a variety of workshops, networking, and technical sessions. Twenty-five international students responded to their special track on “International Applications.” They thanked the NISD for financial and member support.

Next, AJ Gross, Kalin Kiesling, and Matthew Jasica from the UW introduced their plans for the 2016 ANS Student Conference. The theme of this program is “Being a Critical Member of the Nuclear Industry,” inspired by the classic Four-Factor formula taught in undergraduate reactor physics ( $k = \eta f p \epsilon$ ):

- $\eta$  – Nuclear opportunities
- f – Forming our public image
- p – Professional development
- $\epsilon$  – Entrepreneurship

The event will include tours, socials, and technical presentations. Based on past student conferences, they are expecting 400–500 attendees. Unique to the UW-hosted student conference will be an innovation competition. Entrepreneurial ideas will be submitted prior to the conference; submissions/presentations will be judged. Logistics for how an award might support the vision are being investigated. A formal request for both monetary and judge support will be forthcoming at the November 2015 ANS meeting. More information is available at their website: <http://www.ansstudentconference2016.com>.

### **3. Acceptance of Meeting Minutes**

Bob Martin presented the meeting minutes from the November 9, 2014 business meeting, noting that it was previously approved by a committee vote administered by email. There were five Action Items:

**ACTION:** Ron Kneif will forward the recommendation of two Tommy Thompson awards to the H&A Committee.

**ACTION:** Bob Martin will ask Xiaodong for the Thermal Hydraulics Division (THD) hundred-word summary on the Young Members Group (YMG) THD contest and forward to Chip Martin.

**ACTION:** Bob Martin will forward a request to National to move the NISD Program Committee meeting to after the President’s reception on Sunday and the EC meeting moved to Monday evening.

**ACTION:** Chip Martin will organize a YMG Technical Presentation Competition for the Winter 2015 Meeting.

**ACTION:** Chip Martin will compile the five NISD policy statements, solicit EC members to help review, and report back to the EC. He is working on Policy Statement 51 with Herb Massie and Steve Stamm.

The first two Action Items were completed shortly after the November meeting. The third item was discussed under Program Committee Report. There was some discussion on the fourth to which it was noted that the NISD is hosting a Tuesday AM session entitled “Young Member Group.” The last item is subject to a discussion appearing below under “Other Business.”

### **4. 2014 NISD Budget: Bob Martin**

Bob Martin presented the NISD budget, as approved by the EC in an October 2014 electronic vote. He noted that disbursements of \$5750 have been made since November, supporting the 2015 Student Conference at Texas A&M and general student travel support to national meetings. There was a question about disbursements for Honors and Awards, which has a \$2K budget. Bob stated that no disbursement for Honors and Awards (Tommy Thompson/George Laurence awards) has been made in the last year. **ACTION:** Bob Martin will investigate this outcome. [Following the meeting, Bob contacted Phil Ellison and ANS HQ and discovered that no award recipients had been communicated to ANS, as such not expenditure.]

Bob noted that there has not been a disbursement to NISD from ANS Headquarters (HQ) for income generated from national meeting summaries in a couple of years. ACTION: Bob Martin will discuss this with HQ. [Following the meeting, Bob studied existing governance documents and found no reference to this income stream. On Bob's behalf, Sandra Sloan, a member of the Finance Committee, ask during the Finance Committee meeting about this and was told that "ANS has not done that for 'some time'."]

There was a question raised about the status of "endowments." Bob noted that the ANS did provide divisions with endowment account statements going back a few years (see Attachment C). The report basically states that we are currently operating under "Board Designated Assistance." This appears to mean that the original foundational funds have been exhausted; but, we are being allowed to continue scholarship disbursement at the original level at least until such time that ANS decides to no longer allow this.

Steve Schultz, who is a member of ANS's finance committee, mentioned that HQ hosted a teleconference call a few months ago to explain the status of division endowments. Susan Pickering represented NISD. He noted that the past management of these funds is unclear. Today's effort is to change the process to meet accounting principles, and be more simple and transparent. There are now four types of funds used in scholarship disbursements:

- Permanently restricted – from an endowment. These come with a legal contract, and only the interest can be disbursed. No Divisions have this type of funding. They do not want us calling it endowed, "permanently restricted" is the correct term.
- Temporarily restricted – from gifts. Earnings are used for disbursements.
- Division-designated – from division operating funds and fund raising. Earnings and operating funds can be disbursed – but the division MUST submit a disbursement form if using operating funds. They stressed this as important.
- Board-designated funds (two types: allocation and earnings) – earnings are used for disbursements.

The new process will move to three types of funds, i.e., Board funds will be phased out. When this will happen is unclear. The Board has declared that the scholarships are "fully-funded," but not endowed. Only a few fall in the fully-endowed category. The Board of Directors (BoD) is expecting for divisions to fund their scholarships from their general funds. Virginia made a motion that NISD EC increase endowment funding from \$2000 to \$5000, contingent on ANS Treasurer (on behalf of the BoD) providing a clear explanation of how scholarship funds are to be handled, Chip Martin seconded, voted passed unanimously.

## **5. Chair Report: Ron Knief**

Among the concerns expressed at the President's Breakfast is that membership in ANS is generally declining; however, NISD fraction is still about 15%. Of particular concern are the number of young professionals, which are disproportionally declining. A particular emphasis of the upcoming national administration will be on addressing this problem.

Our efforts to remove proposed language in the EPA Clean Energy Act against credits for nuclear capacity have been successful!!!

ANS would like to revamp the webpage format. Divisions are given two options. ANS will make the update and return to the division to maintain. ACTION: Eric Harvey will examine the two options and provide a recommendation by June 22. The EC authorizes Eric to decide on behalf of the division.

ANS's webinar project is still developing; however, no new details appear to have been provided. Based on an NISD listserv discussion back in February, we have offered one on Risk Assessment (by Andrea Miaoli).

Susan Pickering will be presenting the NISD divisional status report to the ANS Board of Directors. Finalization of the presentation will be done following this meeting.

## **6. Committee reports**

*Program Committee (PC): Bill Horak*

Bill reported that there are four sessions at this meeting and 10 sessions in the Winter Meeting Call for Papers. For the 2016 Annual Meeting, 11 sessions have been proposed. For some reason, there was poor communication between the session organizer and the technical program chair, and several papers organized in a well-organized session were scattered to other sessions. Chip Martin proposed that we support another "How to Organize a Session" training session, which has historically been organized similar to a technical session (coordinated with the ANS the same way).

There was a question about the meeting time for the PC meeting. An Action Item from the previous meeting was to request a schedule move of the PC and EC meetings (see ACTION in Section 3). Bob Martin noted that he made this request, but that it was denied by ANS for the San Antonio meeting; but that we should request this again for Washington, D.C.

Comments on specific NISD-sponsored programs appear in a separate section below.

*Honors and Awards: Ron Knief (Phil Ellison not in attendance)*

Levine and DiSalvo award winners have been recognized. This year Derek Man Hon Hung from University of Michigan was awarded the Levine award. Travis Ty Willis from North Carolina State University was awarded the DiSalvo Award.

Status of the Tommy Thompson and George C. Laurence Awards was not known at the time of the meeting. ANS Website identifies the last recipients were from 2013; although, the June 2014 NISD executive committee minutes states that 20 candidates were being considered by the Honors and Awards committee. ACTION: Follow up with Phil Ellison for a status update on Honors and Awards. [Following the meeting, it was revealed that Theo Theofanous had been selected as the 2014 Tommy Thompson winner. Unfortunately, due to a communication failure with ANS HQ, this was not conferred. ANS HQ has since been notified about recognizing Prof. Theofanous at the Winter meeting, along with the 2015 recipient.]

*Best Paper Awards: C. Martin.*

Chip Martin agreed to work with YMG on a best YMG paper related to nuclear installation safety at the Winter 2015 Meeting in DC.

## **7. NISD-Sponsored Conferences**

### 10th Nuclear Plants Current Issues Symposium (organized by Prof Gupta, NCSU)

This was sponsored by ANS as a Class 4 meeting in December 2014. He originally proposed for 2016 a date within 30 days of a national meeting, which violates ANS rules for calendar placement. The date has evolved to be just outside the 30-day window. Per Prof Gupta's request, the NISD will consider taking this over for 2018. A vote was cast to recommend ANS Class 4 sponsorship. (Ron Knief motioned, Chip Martin, seconded, confirmed by unanimous voice vote)

### SMIRT

Prof. Gupta discussed with Marty Sattison about NISD organizing the 2019 SMIRT meeting as a Class 1 or 2 Topical Meeting. To Prof. Gupta, ideally the Carolina local section would be involved. No firm commitments have been made, a future telecom with Prof. Gupta is planned. Historically, an independent international committee has organized the meeting. This could be a good opportunity for NISD. Several questions were raised and it was decided that this should be a subject at the next EC meeting. ACTION: Marty will be discussing with PC Chair Bill Horak about details.

### PSA 2015

PSA 2015, April 26-30, "A Forum for Learning," 53 session, 160 papers, two workshops (INMM Cyber Security, RAVEN), 191 speakers, 216 attendees (25 spouses), \$60K from sponsors, 11 physical exhibits, well-fed (breakfast, lunch). Lessons-learned, meeting included workshop-style panel-led discussion groups, which were well received. Survey, good report for organization committee performance, EBR-I tour, guest/spouse programs. Tour registration was a challenge because of DOE/INL regulations, exhibits may not have been noticed much by attendees. Publication provided on flash drives, received feedback that companies are blocking their use on company computers. ANS handled financing and paper review, and performed well.

### Risk Management 2017 (embedded)

Planning for the next Risk Management conference is ongoing. May not be held until 2017.

### PSA 2017

A bid from the Pittsburg ANS Section was selected for hosting PSA 2017. Calendar placement is 9/24-28/17.

### TRITIUM 2016

NISD is a class 1 cosponsor with DESD and Fusion Energy (new meeting for the ANS). This will be held April 17-22, 2016 in Charleston, SC. Robert Addis and James Klein, from

Savannah River, are the General and Program Chairs, respectively. The call for papers is out; summaries are due in October.

## **8. Old business**

Chip Martin compiled five NISD policy statements scheduled for update. These have been sent to the EC for comment. EC members are requested to provide comment by July 12. Chip, with Herb Massie and Steve Stamm have started the comment process.

There has been no action on considering a new position paper on Emergency Planning Zone sizing. ACTION: At the November meeting, Tunc Aldemir suggested that a collaboration with the international community. Tunc will compile a list of issues and forward to Bob Martin for the same.

Fall Newsletter content; provide content to Eric Harvey. The target date for submittal to membership is ASAP after this meeting.

## **9. Membership**

Membership is stable. Based on financial distributions from National derived from membership rolls (\$2/member), the NISD has approximately 1600 members.

Richard Swinburn is resigning (coinciding with professional retirement). Ron proposed that we backfill Dick position. Bylaws provide that vacancies can be filled by EC appointment. Bob Martin made the motion that Eric Harvey be appointed to fill Dick's vacancy, Susan Pickering seconded, the motion was affirmed by the committee unanimously.

Susan Pickering made a special presentation welcoming new members to the committee and recognizing Ron's service.

## **10. Close**

The meeting was adjourned at 9:42 p.m.

**Nuclear Installations Safety Division**  
Executive Committee Meeting

Sunday, June 7, 2015  
San Antonio, TX  
7:30-9:30 pm CDT

**Agenda**

1. 2016 ANS Student Conference: University of Wisconsin-Madison
2. Approval of Minutes of 8 November 2014 [Anaheim] Meeting
3. 2015 NISD budget: R. Martin
4. Chair Report
  - PDC/NPC/President's Breakfast meetings
  - EPA Rulemaking
  - Membership Initiative
  - Webinars – Risk Assessment
  - ANS BoD Presentation
5. Committee reports
  - Honors and Awards: P. Ellison
  - Best Paper Awards: C. Martin
  - Program Committee: W. C. Horak
6. NISD sponsored conferences
  - PSA 2015: M. B. Sattison
  - 9<sup>th</sup> Nuclear Plants Current Issues Symposium: A. K. Gupta/W. C. Horak
  - 2017 RM Embedded Topical (Prospective): R. Knief
  - PSA 2017: W. C. Horak

Co-Sponsorship

  - ANS/INMM Workshop on Safety-Security Risk-Informed Decision-Making (PSA 2015): M. Sattison
  - TRITIUM 2016: Kevin O'Kula
7. Action Items from November
  - ACTION: Policy Statements – Chip/Bob M./Tunc
  - Tommy Thompson Award

- Succession and Strategic Plan.
- Newsletter

8. NISD Governance (Farewell and Hail?)

2015 Ronald A. Knief	Outgoing Chair
2015 Stanley H. Levinson	
2015 Susan Y. Pickering	Incoming Chair
2016 Marc-Gerard Albert	
2016 Tunc Aldemir	
2016 Virginia D. Cleary-Ivanoff	
2016 Robert P. Martin	Secretary Treasurer
2017 Phillip G. Ellison	
2017 Charles R. Martin	
2017 Anthony J. Baratta	
2017 Richard C. Swinburn	Resigned
2018 Steven Kraft [NEI]	
2018 Jeffrey Mitman [NRC]	
2018 Robert Youngblood [INL]	
2018 Andrea Maioli [W]	

9. Other business

- [Provide newsletter and website content to Eric Harvey ([elharvey@berkeley.edu](mailto:elharvey@berkeley.edu))]



## Attachment C Endowment Account Statements

American Nuclear Society								
Levine Scholarship Fund								
Nuclear Installations Safety Division								
Statement of Account								
1/1/2012 - 12/31/2014								
Date	Description	Perm. Restricted	Temp. Restricted	Division-Designated	Total Scholarship Funds	Board-Designated Assistance	Total All Funds	
1/1/2012	Starting balances	\$0	\$549	\$0	\$549	\$60,685	\$61,235	
8/20/2012	Scholarship paid to Andrew Till		-\$560		-\$560	-\$2,440	-\$3,000	
12/31/2012	Investment gain applied (5% for year)		+\$11		+\$11	+\$1,715	+\$1,726	
12/31/2012	Year-end balances	\$0	\$0	\$0	\$0	\$59,961	\$59,961	
8/30/2013	Scholarship paid to Ethan Bates				+\$0	-\$3,000	-\$3,000	
12/31/2013	Investment gain applied (16.4% for year)	+\$0		+\$0	+\$0	+\$3,000	+\$3,000	
12/31/2013	Year-end balances	\$0	\$0	\$0	\$0	\$59,961	\$59,961	
8/30/2014	Scholarship paid to Nicolas Zweibaum				+\$0	-\$3,000	-\$3,000	
10/31/2014	Division Contribution			+\$1,200	+\$1,200		+\$1,200	
12/31/2014	Investment gain applied (3% for year)	+\$0			+\$0	+\$1,799	+\$1,799	
12/31/2014	Year-end balances	\$0	\$0	\$1,200	\$1,200	\$58,760	\$59,960	
1/1/2015	Spend limit for year is 9.24%		+\$0	+\$111	+\$111	+\$5,429	+\$5,540	

American Nuclear Society								
DiSalvo Fund								
Nuclear Installations Safety Division								
Statement of Account								
1/1/2012 - 12/31/2014								
Date	Description	Perm. Restricted	Temp. Restricted	Division-Designated	Total Scholarship Funds	Board-Designated Assistance	Total All Funds	
1/1/2012	Starting balances	\$0	\$9,219	\$0	\$9,219	\$31,850	\$41,069	
8/20/2012	Scholarship paid to Caroll Huffine		-\$2,000		-\$2,000		-\$2,000	
12/31/2012	Investment gain applied (5% for year)		+\$294		+\$294	+\$831	+\$1,125	
12/31/2012	Year-end balances	\$0	\$7,513	\$0	\$7,513	\$32,681	\$40,194	
8/30/2013	Scholarship paid to Paul Johns		-\$2,000		-\$2,000		-\$2,000	
12/31/2013	Investment gain applied (16.4% for year)	+\$0	+\$1,232	+\$0	+\$1,232	+\$0	+\$1,232	
12/31/2013	Year-end balances	\$0	\$6,745	\$0	\$6,745	\$32,681	\$39,426	
8/30/2014	Scholarship paid to Travis Labossiere-Hickman				+\$0	-\$2,000	-\$2,000	
10/31/2014	Division Contribution			+\$800	+\$800		+\$800	
12/31/2014	Investment gain applied (3% for year)	+\$0	+\$202		+\$202	+\$980	+\$1,183	
12/31/2014	Year-end balances	\$0	\$6,947	\$800	\$7,747	\$31,662	\$39,409	
1/1/2015	Spend limit for year is 9.24%		+\$642	+\$74	+\$716	+\$2,926	+\$3,641	