

**MINUTES OF THE Aerospace Nuclear Science and Technology (TG) MEETING**  
**AMERICAN NUCLEAR SOCIETY**  
**Omni William Penn, Pittsburgh, PA**  
**June 13, 2004**

Minutes of the **Aerospace Nuclear Science and Technology (TG)** Meeting, June 13, 2004, Omni William Penn, Heinz Room, Pittsburgh, PA.

**Members Present:**

George Miley, Univ. of Illinois, 2005 Chair  
Robert Singleterry, Outgoing Chair  
Jeff Allen Randorf, MDA, Outgoing Secretary, 2005 Vice Chair  
William J. Carmack, BWXT, 2005 Secretary  
Dion J. Sunderland, Anatech Corp.  
Don Williamson Jr., Incoming executive committee  
Kathryn A. McCarthy, INEEL  
Donald M. McEligot, INEEL  
Shannon Bragg-Sitton, NASA-MSFC  
Bruce Schnitzler, INEEL  
Pablo Rubiolo, Westinghouse  
Mario Carelli, Westinghouse  
Mike Zerkle, Bechtel Bettis, Inc.  
Tommy Larson , INEEL  
Hamilton Hunter, Incoming Treasurer

**Others Present:**

Representatives of the 2004 and 2005 American Nuclear Society Student Meeting.  
Univ. of Wisconsin representatives  
Margret Mikhosi, Ohio State Student chapter

**Regrets:**

1. Chair Robert Singleterry called the meeting to order at 10:00 am. Chair Robert Singleterry then asked all committee members and guests to introduce themselves. George Miley noted that attendance at the President's meeting is mandatory, so we will need a volunteer for attendance. No action was taken at this time.
2. Meeting Agenda and Approval of Previous Meeting Minutes.

The meeting agenda was handed out and the old minutes were passed out. Revisions to old minutes. Noted, Jeff will get to Jon. – Minutes from the Winter 2004 meeting were approved.

3. New committee members, Chair Robert Singleterry introduced the new committee members: Chair George Miley, Secretary Jon Carmack, Vice-Chair Jeff Randorf, and Treasurer Hamilton Hunter.
4. Committees, Robert noted that we need to relieve some of the committee participants as they have served for extended periods of time.
5. Introductions. Around the table.
8. Treasurer's Report

Tom Larson presented a summary of the currently available funds. Don McEligot made a comment that it had been agreed at an earlier meeting that the group should put 50% new money funds in hold and only commit the other 50% to

spend. George Miley mentioned the ANS President's suggestion that private companies be approached for donations for award monies, endowments, etc. A question was asked "Do we need a Student committee to organize and award best paper (student) and manage some endowment." At this time the group needs to and can afford to give \$50 for best paper or \$200 for student travel. A **Motion** was made to give \$200 dollars to the Wisconsin Student section for the student conference. That motion carried and was passed. A Voucher system was discussed and Tom Larson explained how it works. Motion to give the voucher to the Ohio State Student section for the 2005 student meeting was passed. Tom Larson will take action to get the voucher to the Ohio State Student section.

Univ. of Wisconsin student section presented a summary of their 2004 conference held April 1-3, 2004 and how well it went, including interaction with anti-nuclear representatives.

Margret Mikhosi (2005 Student Meeting Chair) was introduced and made a presentation on the planned 2005 student meeting. Ms. Mikhosi noted that the following items were needed from ANS sections:

Date: April 14 – 16, 2005

Hyatt Regency, Columbus, Ohio

Key Note speaker

Need judges and help with technical chairs

Need help with professional development

It was noted that student participation at these meetings is facilitated by supporting the students financially.

#### 10. Committee Report

##### a. Program Committee – Tommy Larson

We will not have any sessions in Summer 2005 because the group is sponsoring a 2005 embedded topical.

Still need papers for Winter 2004, even though the deadline was Friday, June 11, 2004.

Noted that reviewers need to look on the website for reviews.

Discussed the need for additional topics at the Winter 2005 meeting. Bob Singleterry explained that at NASA it seems that nothing is really planned to happen in the next year that is applicable to the sessions that we typically sponsor.

The Advanced Reactor Concepts group at NASA is headed by Carl Walz, non-JIMO stuff. Really if it is not at a high technology development level, it is tough to get that funded. Carl Walz has been made aware of the ANST and Bob discussed how ANST could help NASA achieve their goals.

Noted that we may want to have a panel in Winter 2004 with invitees to discuss their programs to excite interest in the Topical 2005. Robert Singleterry took action to try and set up a panel discussion for the Winter 2004 meeting.

**Action:** Robert Singleterry will talk to Carl Walz, John Warren (NASA), and George Schmit to arrange a panel of program managers for DC 2004.

**Action:** Hamilton Hunter and Bob Singleterry will be Co-Program Committee Chairs for the Summer 2005 Topical meeting.

Publications Chair – Samim Anghaie would prefer to use a University of Florida paper submittal system instead of the COS submittal system. The group decided that it would be fine to use the UF system if it is free to the ANST. More details are needed from Samim on the use and cost of the system. Robert Singleterry and Hamilton Hunter will talk to Samim to decide if the system can be used. It was noted that use of the system instead of the COS system is practical if a good plan is made to show the ANS that it will not fail.

Currently, it is expected that approximately 100 papers will be presented in the Topical 2005. Estimated attendance of 200 to 300.

Kathryn McCarthy and Melissa VanDyke will be the Technical Program co-chairs 2005 Topical. Larry Foulke and Al Newhouse will be the General Chairs.

The 2005 Embedded Topical Call for Papers was handed out. Our Executive Board is on the TPC and will be the same.

11. New Business Dion Sunderland was introduced as well as the ASTM-B10 committee. The feasibility and logistics of holding a joint meeting with ASTM on refractory metals were discussed. We discussed the proposal of holding a joint meeting with one of the participating entities acting as the primary organizer. TMS is the most likely lead organizer. The meeting would be during the spring of 2006, such as a topical meeting at a TMS national meeting or a joint a topical.

Tom Larson noted that the historical archive of refractory materials has been in decline. **Action** was assigned to the TPC to make sure there are tracks in the Summer 2005 meeting and then to participate in Spring 2006. We will include a couple of topical sessions in the 2005 topical meeting and then we will help coordinate with MSTD a topical meeting in the refractory metals area for aerospace nuclear applications in the 2006 timeframe. George **moved** that we add Dion to the TPC 2005, motion carried and was passed. Robert Singleterry has action to add this in to the call for papers.

Don McEligot presented the Nuclear Reactor Thermal Hydraulics (NURETH-11) meeting to be held in France during Oct. 2-6, 2005. Deadline for abstracts is June 30, 2005. Sponsored by ANS Thermal Hydraulics division and CEA/French society.

**Action for the Room:** Need a review of the call for papers. Please mark the call for papers up and get comments back to Robert Singleterry by the close of the ANS Pittsburg meeting.

Robert Singleterry and Hamilton Hunter will be running the planning and arrangements for the topical meeting, with minimal hand-over requirements placed on George.

Volunteers were identified; Robert Singleterry will be giving out tasks to the people. Pressing needs were solicited from the room.

Don Hoffman – a new division (technical group) will be developed in ANS called the Young Professionals in ANS. NAYGN work was discussed by Shannon Bragg-Stitton and the outcome of this new TG relative to the NAYGN is still being defined. ANS would like to bring the NAYGN into the ANS fold.

13. Bylaws - Don McEligot has done a wonderful job on bylaws. Final copy of requirements will be available end of June-beginning of July that will have to be incorporated into the ANST bylaws. Carl ? (bylaws ANS representative) will be providing them to the ANS committee bylaw people for incorporation. ANST Bylaws draft probably will be sent out to the membership for comment after the new bylaws guidance has been incorporated.

14. Strategic Plan – Robert Singleterry passed out the plan for review and Jeff Randorf will fix the finalize the document, current plans will be integrated and volunteer positions will be identified that need to be filled to carry out the plan.

15. Newsletter – We will have a new newsletter. Maria Groshner will be the editor. A newsletter provides the legal mechanism for the Committee to communicate with the membership. We have approximately 600 members. Maria will be putting out a call for items for the newsletter.

**Action:** Dr. Bragg-Stitton was introduced and congratulated on her completion of PhD program. The brochure will be coming out by the end of July 2004.

**Action:** for George Miley to put together a scholarship committee to approach companies for donations.

**Action** for Jeff Randorf – Strategic Plan (see above). Talking to other societies.

Don McEligot will provide the present bylaws draft to George Miley by June 13, 2004. A final draft will be developed after the final guidance from ANS bylaws committee is distributed.

16. New or Other Business.

A **motion** was made to approve the TPC for the 2005 Topical meeting. TPC approved.

**Motion** was made and passed to thank the outgoing officers for their work over the last year.

Mike Zerkel and Pablo Rubiolo will be appointed to the executive committees to replace Jon Carmack and Hamilton Hunter due to their new positions as officers on the Executive Committee.

17. Adjournment.

The meeting was adjourned.

Respectfully submitted,

William J. Carmack, Secretary  
ANS Aerospace Nuclear Science and Technology (TG) Committee