

MSTD Executive Committee Meeting  
June 25, 2007

In attendance:

Keith Leonard, ORNL, [leonardk@ornl.gov](mailto:leonardk@ornl.gov)  
Kenan Unlu PSU, [k-unlu@psu.edu](mailto:k-unlu@psu.edu)  
M. Okunewski, UIU, [okuniews@uiud.edu](mailto:okuniews@uiud.edu)  
Sukesh Aghara, PVAMU, [skaghara@pvamu](mailto:skaghara@pvamu)  
Todd Allen, UW, [allen@engr.wisc.edu](mailto:allen@engr.wisc.edu)  
Jeremy Busby, ORNL, [busbyjt@ornl.gov](mailto:busbyjt@ornl.gov)  
Ken Geelhood PNNL, [kenneth.geelhood@pnl.gov](mailto:kenneth.geelhood@pnl.gov)  
Rory Kennedy INL, [rory.kennedy@inl.gov](mailto:rory.kennedy@inl.gov)  
Jim Cole INL, [jim.cole@inl.gov](mailto:jim.cole@inl.gov)  
Travis W. Knight USC, [twknight@sc.edu](mailto:twknight@sc.edu)  
Heather MacLean INL, [heather.maclean@inl.gov](mailto:heather.maclean@inl.gov)  
Steve Zinkle ORNL, [zinklesj@ornl.gov](mailto:zinklesj@ornl.gov)  
Robert Hanrahan LANL/NNSA, [Hanrahan@lanl.gov](mailto:Hanrahan@lanl.gov)  
Jim Stubbins UIU, [jstubbins@uiuc.edu](mailto:jstubbins@uiuc.edu)

Meeting called to order at 7:05 PM.

*Preliminary Business:*

Students from Texas A&M were present to advertise the ANS Student Conference to be held February 28 – March 1, 2008. They are planning on setting up an interview room for companies to interview potential employees. Organizers also intend on using smaller rooms for presentations and have more parallel presentations for greater choice. They would like to grow the conference to ~500 attendees and plan on doing this by inviting participants from other departments and seeking international attendance in some areas. The students are asking for suggestions and monetary support to carry these efforts out.

It was pointed out that MSTD did not have any representation at the last student conference at Oregon State University. It was recommended to contact executive committee member Sean McDevitt to see if he can be present at the TAMU conference.

Travis Knight reported that the MSTD newsletter and website has been updated. The website can be accessed through the ANS main website at [www.ans.org](http://www.ans.org).

*Secretary/Treasurer Report (Jim Cole)*

The division received \$3,180 for the Reno topical meeting in 2007. This was half of what it could have received. The reduction was due to an ANS rule that states that the division is required to have at least 15 papers at each of the national meetings to receive full compensation. The division did not meet this requirement at the Fall 2007 meeting in Albuquerque. It was

recommended that the issue be raised with the professional development committee in order to change the rules to make an exception for divisions who sponsor topicals that bring in a significant number of papers at a single meeting.

Since the last meeting, the division spent \$240. The expense was incurred at the Fall awards banquet. Part of the expense was unpurchased tickets and part of it was for renting a projector at the banquet. It was pointed out that the division should consider bringing a projector next time in order to avoid this unnecessary expense.

Overall the division funds stand at ~\$11,900.

ANS announced that the Shumar scholarship is fully funded and money is being disbursed. It was suggested that the budget be revisited to see what it would take to get the Mishima scholarship fully funded.

The minutes from the last MSTD executive meeting were discussed and the committee approved the minutes.

*Program Committee (Ken Geelhood)*

MSTD is sponsoring 2 sessions at the current meeting.

1. Atomistic and Continuum Modeling (0 papers submitted)
2. Materials Compatibility (14 papers submitted)

MSTD will be sponsoring 2 sessions at the Fall meeting in DC. The titles of the sessions are:

1. Fuel Performance Modeling
2. Gas Reactor Materials

Next summer in Anaheim the division will sponsor a topical on Fuels and materials. The ICAAP meeting will also be an embedded topical at the Anaheim meeting.

Heather MacLean indicated that the YMG would like to co-sponsor some MSTD symposiums in the future.

#### Upcoming meetings

- August, 2007 Environmental Degradation In Nuclear Power Systems: Water Reactors, Whistler, Canada
- 2007 Fuel Performance meeting in San Francisco
- 2008 Plutonium Futures in France (have not asked ANS to co-sponsor)
- The 2009 Top Fuel and Global conferences will be co-located in France

Because of the number of meetings and topicals, it was recommended that a posting be made on the web site explaining them.

*Honors and Awards (Jim Stubbins)*

Awards banquet was held last fall in Albuquerque. The next banquet will be in Fall 2009. An e-mail will be sent out to members to make recommendation for awards.

It was also suggested that the division should make an effort to actively nominate members as ANS fellows.

*Nominating Committee*

The ending date for the terms of the current committee members needs to be determined and recommendations for new members be made. Term information can be found on the web site.

*University Liaison*

Sukesh Aghara has volunteered to be the University liaison for the upcoming year and agreed to attend the ANS student conference at TAMU.

*Old Business:*

The federation of materials societies (ASM, TMS, etc.) and ANS co-sponsored a luncheon in DC and invited 3 speakers to give presentations on materials issues in nuclear energy. The speakers were Harold McFarlane, INL (ANS President), Steve Zinkle, ORNL and Gary Was, U. Michigan. A few congressional staffers attended, but the luncheon was not as well publicized hoped for.

*New Business:*

None

The meeting was adjourned at approximately 8:15 pm.