

Minutes of the Executive Committee Meeting

**Thermal Hydraulics Division
2010 American Nuclear Society Winter Meeting
Riviera Hotel & Casino, Las Vegas, NV
4:30 – 6:00 PM, Sunday, November 7, 2010
Location: Capri 116**

Attendees: Joy Rempe, DuWayne Schubring, Elia Merzari, Kimberly Becker, Ray Klann, Rui Hu, F. Bill Cheung, Chang Oh, Brian Woods, Xiaodong Sun, David Aumiller, Brian Collins, Don Todd, John Luxat, Steven Arndt, Steve Bajorek, Jong H. Kim, Si Young Lee, Whee Choe, Hisashi Ninokata (Chair), Kurshad Muftuoglu, and Yassin Hassan (same order as in Attachment A. Drs. Muftuoglu and Hassan attended the meeting but did not sign on the sign-in sheet)

1. Opening

Chair Ninokata called the THD Executive Committee Meeting to order at 4:50 p.m. Chair Ninokata indicated that the THD Executive Committee Meeting minutes from the 2010 Annual Meeting in San Diego, CA (Attachment C) were approved through email in July 2010.

2. Approval of Meeting Agenda

The meeting agenda (Attachment B) was introduced and approved.

Before proceeding to Item 3, Chair Ninokata invited Georgia Tech ANS Student Conference Delegation to speak and present an update on the preparations for the 2011 ANS Student Conference. The 2011 Student Conference will be held at the Hyatt Regency Downtown Atlanta, April 14-17, 2011. The Georgia Tech student delegation invited the THD and its members to serve as sponsor and technical judges.

3. Action Items from 2010 June Annual Meeting

- a. Data collection to determine the market for a NURETH meeting every year, Conference Selection Committee (J. Kim)

J. Kim indicated that there would not be enough papers to hold the NURETH meeting every year. Holding the meeting every two years would be more appropriate. This item is closed.

- b. Statement in future NURETH solicitations about religious holidays from consideration in selecting meeting dates (J. Kim)

Chair Ninokata indicated that a statement was added to the solicitation of proposals for hosting NURETH-15 to encourage avoiding major religious holidays. The members

present had some discussions on this item. It was generally agreed that the THD and future meeting host organizations should try best to avoid major religious holidays. It was suggested that future proposals for hosting NURETH meetings address this issue. This item is closed.

- c. Calendar placement of the embedded topical Thermal Hydraulics meeting for the 2012 Winter Meeting (Muftuoglu)

Muftuoglu indicated that this action item had been completed.

- d. Preliminary title, topic and format of the proposed embedded T-H topical for discussion (Muftuoglu)

The topic and format of the proposed embedded T-H topical at the 2012 Winter Meeting in San Diego would be similar to those in the NURETH meetings. The meeting title will need to be decided through email.

Action: Continue discussions and determine the title of the proposed embedded topical through email. (Muftuoglu)

- e. Potential of setting up an endowment account for awards with ANS HQ (Aumiller)

Aumiller indicated that no response had been received after contacting the ANS HQ regarding this matter. It was suggested that Aumiller contact Christian Krapp at the ANS HQ.

Action: Contact the ANS HQ regarding setting up an account for awards so that we have a place to put excess funds from NURETH-14 after the TAA has been fully funded. (Aumiller)

- f. Obtaining a list of NURETH-13 papers submitted to NED and making a selection for the 2010 best paper award (Rempe)

This item was completed.

- g. Providing a list of current Program Committee members to the webmaster (Muftuoglu)

This item has not been completed mainly because it is difficult to identify who are the actual Program Committee (PC) members. It was recognized that in the past THD had a maximum of 27 PC members and that the PC membership may need to be increased in the near future due to increasing T-H related research activities. The procedure to have new PC members recruited to the THD is that THD PC Chair makes the recommendation and the THD Executive Committee (EC) approves the recommendation. It was suggested that the THD should re-exercise the procedure when introducing new PC members. It was recognized that young members should be considered when recruiting new PC members.

Action: Prepare a list of active THD PC members and recommend new PC members to the EC with a goal of reaching 27 members by June 2011. (Muftuoglu)

- h. Adding NURETH-14 information onto the THD website (Schubring)

It was indicated that NURETH-14 information had been added to THD website. The call for paper will also be added.

- i. Guidance for preparation of position statements (Ninokata)

Chair Ninokata indicated that a volunteer is needed to serve as the THD point of contact to the Public Policy Committee. In addition, subjects of the position statements need to be determined. Several potential subjects were mentioned, including “Heat Sink for New Nuclear Power Plants,” “Thermal Aspects of High-Temperature Reactors,” and “Thermal Hydraulics of Small Modular Reactors,” etc. New ideas on the position statement subject are welcome. Chair Ninokata indicated that the position statements will be developed by THD, but be issued by the ANS as an ANS statement.

Action: Identify the point of contact and further discuss this matter among the THD EC officers. (Ninokata)

4. Treasurer’s Report

- a. 2010 Division Financial Status: Update (Aumiller)

A recent financial status updated was included in the THD 2010 Fall Newsletter. The Division’s total revenue for 2010 was \$21,069 (including carry-forward from 2009), and the total expenses by October 8, 2010 was estimated as \$4,582, leaving the division an estimated balance of \$16,487.

- b. 2011 Division Budget Proposal (Aumiller)

Questions were raised about how the donations to the ANS Student Conferences were/would be spent. It was suggested that the THD specify how the donations to be spent. Examples are to support student travel and to promote T-H related technical activities at the Conferences. It was also recognized that in the past the THD donations to the ANS Students Conferences were larger than the sum of the TAA and Best Paper awards.

Some discussions regarding the Young Professional T-H Research Competition were made mainly on the lack of participation of the young professionals from industry, academia, and national laboratories. It was recognized that the majority of the competition participants at this Las Vegas meeting were university students and that the Young Professional T-H Research Competition was similar to the T-H competition at the ANS Student Conferences. It was therefore suggested to establish a subcommittee to

evaluate the current Young Professional T-H Research Competition, considering the following questions:

1. Is the current format the best one for the Young Professional T-H Research Competition?
2. Would it be possible to seek sponsorship from the industry and other organizations and obtain financial support to help attract young professionals from the industry, academia, and national laboratories?
3. How can the THD best support this Competition?

With the above discussions proceeding, the following THD budget for 2011 was proposed and discussed:

- \$1,800 for awards and plaques
- \$2,000 for student travel support to appropriate meetings (THD directed)
- \$500 total for student travel support to the 2011 ANS Annual Meeting and Winter Meeting (donations to the ANS HQ)
- \$500 for Scholarship/NEED program

It was recognized by a couple of members present that cutting the support to the 2011 ANS Student Conference to zero from \$2,000 to the 2010 ANS Student Conference would appear to be too large a change. It was suggested to gradually reduce the THD support to the ANS Student Conferences.

A motion was made to approve the proposed THD 2011 budget. The motion passed with seven for and one abstention.

5. Program Committee Report (Muftuoglu)

a. NUTHOS-8 Report (Ninokata)

This item was discussed during the Program Committee Meeting.

b. NURETH-14 Planning (Luxat)

This item was discussed during the Program Committee Meeting. Additional discussion was made regarding whether a THD award luncheon and presentation should be held at NURETH-14. It was recognized that the 2011 TAA recipient will not be selected until August 2011, which may make the planning of such an event at NURETH-14 difficult due to the time constraint. However, Luxat indicated that a luncheon would be planned anyway for NURETH-14. If the 2011 TAA recipient (to be selected) attends NURETH-14 meeting, then a TAA award presentation will be held at that luncheon.

c. NUTHOS-9 Planning (Ninokata)

This item was discussed during the Program Committee Meeting.

d. NURETH-15 Planning (J. Kim)

This item was discussed during the Program Committee Meeting. A representative from the ANS Chicago local section raised the following comments:

1. THD should offer a proper evaluation to all of the three proposals received,
2. The meeting solicitation should be valid for one meeting only,
3. THD should decide which proposal to move forward only after having reviewed all the three proposals.

e. 2010 ANS Annual Meeting Report, San Diego, CA (Muftuoglu)

This item was discussed during the Program Committee Meeting.

f. 2011 ANS Annual Meeting Program in Washington, DC (Muftuoglu)

This item was discussed during the Program Committee Meeting.

6. Honors and Awards Committee Report

a. TAA Award for 2010 (Rempe)

Rempe announced that Prof. Per Peterson was selected as the 2010 TAA recipient. The award presentation and the special lecture by Prof. Peterson were to be held in the Tuesday afternoon.

b. Best Paper Award for 2010 (Rempe)

Drs. Elia Merzari and Hisashi Ninokata were the Best Paper Award recipients for their paper titled “Proper Orthogonal Decomposition of the Flow in a Rod-Bundle” that was published in the proceedings of NURETH-13 held in October 2009 in Kanazawa, Japan.

7. Young Professional Thermal Hydraulics Research Competition (Collins)

a. Travel support to student and young professional participants

Collins reported that 14 papers were received, out of which 12 were from universities. Two sessions were planned on Wednesday and four colleagues (David Aumiller, Eung Soo Kim, Mike Podowski, and Brian Woods) had volunteered as judges for both sessions. Additional discussions on travel support were held under Item 4.b in the above.

b. Strategy of enhancing participation from young professionals

Discussions were held on this item under Item 4.b in the above.

8. Public Relation (Schubring)

a. Division Website Report

Schubring provided an update about the THD website: The information related to NUTHOS-8 had been removed and new contacts had been updated, among many others.

b. THD Newsletter, ANS News, and Nuclear Cafe

2010 Fall THD Newsletter was issued and broadcasted from ANS in early November 2010. Chair Ninokata mentioned ANS News and Nuclear Café, which can be potential avenues to publicize THD division activities.

9. Nominating Committee Report

Chair Ninokata indicated that the following information is available in the recent THD 2011 Fall Newsletter:

Current Year THD Officers (June 2010 – June 2011):

Division Chair: Hisashi Ninokata
Vice Chair/Chair-Elect: Brian Woods
Secretary: Xiaodong Sun
Treasurer: David Aumiller

Executive Committee Members

Hisashi Ninokata (2011)
Brian Woods (2011)
Hee Cheon No (2011)
David Aumiller (2011)
Randall O. Gauntt (2012)
John Luxat (2012)
Stephen Bajorek (2012)
Cesare Frepoli (2012)
Steven A. Arndt (2013)
Si Young Lee (2013)
Xiaodong Sun (secretary)
Karen Vierow (ex-officio)
Mikey Brady-Raap*
* Chair of the ANS Professional Divisions Committee, ex-officio member without vote

Committee Chairs:

Program Committee – Kurshad Muftuoglu
Honors and Awards Committee – Joy Rempe
Nominating Committee – Karen Vierow
Membership Committee – Karen Vierow

The Nominating Committee proposed the following slate for the 2011 officers:

Chair: Brian Woods
Vice Chair: Xiaodong Sun
Secretary: David Aumiller
Treasurer: Si Young Lee

10. Membership Committee Report

The current division membership stands at 1034.

11. Old Business

a. Reminder of THD special events at this meeting

Chair Ninokata reminded the members of the Tuesday TAA award ceremony and lecture by Prof. Peterson, as well as the Young Professional T-H Research Competition sessions on Wednesday.

b. THD Position Statement

This item was discussed under Item 2.i in the above.

12. New Business

Tom Row from the Knoxville-Oak Ridge Chapter of ANS made a request to give a short presentation during the EC meeting. He asked for THD's support to help fund a biographical documentary film to honor Dr. Alvin Weinberg who was the 5th president of the ANS. The proposal of producing such a film was proposed by the Oak Ridge ANS local chapter.

13. Others

None.

There being no further business, the meeting was adjourned at 6:11 pm.

Minutes prepared by Xiaodong Sun

American Nuclear Society – Thermal Hydraulics Division
Executive Committee Meeting
Riviera Hotel & Casino, Las Vegas, NV
4:30 – 6:00 PM, Sunday, November 7, 2010
Location: Capri 116

Sign In Sheet

Name	Affiliation	Email	Phone
Xiaodong Sun	The Ohio State Univ.	Sun.264@osu.edu	614-247-7646
David Aumiller	BNPC	david.aumiller@unapp.gov	412-476-6687
Brian Collins	Pacific NW National Lab	Brian.Collins@pnl.gov	509-372-6189
Don Todd	NUScale Power	dtodd@nucscale-power.com	509 943 6886
JOHN Luxat	McMaster U.	luxatj@mcmaster.ca	(905) 525-9140 ext 24670
STEVEN ARNDT	NRC	stevan.arndt@nrc.gov	301-415-6502
Steve Bujorek	NRC	Stephen.Bujorek@nrc.gov	301-251-7561
Jong H Kim	EPRI	jkim@epri.com	650-855-2204
Si Young Lee	SRNL	si.lee@srnl.doe.gov	803-725-8462
Whee Choe	ENEC	whee.choe@enec.gov.ae	+971 2 6595 704
Hisashi Ninokata	Tokyo Inst. Tech	h.ninokata@nr.titech.ac.jp	+81 3 5734 3056

PROPOSED AGENDA

**American Nuclear Society – Thermal Hydraulics Division
Executive Committee Meeting
Riviera Hotel & Casino, Las Vegas, NV
4:30 – 6:00 PM, Sunday, November 7, 2010
Location: Capri 116**

- 1. Opening (Ninokata)**
- 2. Approval of Meeting Agenda (All)**
- 3. Action Items from June 2010 Annual Meeting**
 - a. Data collection to determine the market for a NURETH meeting every year, Conference Selection Committee (J. Kim)**
 - b. Statement in future NURETH solicitations about religious holidays from consideration in selecting meeting dates (J. Kim)**
 - c. Calendar placement of the embedded topical Thermal Hydraulics meeting for the 2012 Winter Meeting (Muftuoglu)**
 - d. Preliminary title, topic and format of the proposed embedded T-H topical for discussion (Muftuoglu)**
 - e. Potential of setting up an endowment account for awards with ANS HQ (Aumiller)**
 - f. Obtaining a list of NURETH-13 papers submitted to NED and making a selection for the 2010 best paper award (Rempe)**
 - g. Providing a list of current Program Committee members to the webmaster (Muftuoglu)**
 - h. Adding NURETH-14 information onto the THD website (Schubring)**
 - i. Guidance for preparation of position statements (Ninokata)**
- 4. Treasurer's Report (Aumiller)**
 - a. 2010 Division Financial Status: Update**
 - b. 2011 Division Budget Proposal**
- 5. Program Committee Report (Muftuoglu)**
 - a. NUTHOS-8 Report (Ninokata)**
 - b. NURETH-14 Planning (Luxat)**
 - c. NUTHOS-9 Planning (J. Chao)**
 - d. NURETH-15 Planning (Ninokata)**
 - e. 2010 ANS Annual Meeting Report, San Diego, CA (Muftuoglu)**
 - f. 2011 ANS Annual Meeting Program in Washington, DC (Muftuoglu)**
- 6. Honors and Awards Committee Report (Rempe)**
 - a. TAA Award for 2010**

- b. Best Paper Award fro 2010**
 - c. TAA and Best Paper Award Solicitation for 2011**
 - d. New Fellow Nomination**
- 7. Young Professional Thermal Hydraulics Research Competition (Collins)**
 - a. Travel support to student and young professional participants**
 - b. Strategy of enhancing participation from young professionals**
- 8. Public Relation**
 - a. Division Website Report (Schubring)**
 - b. THD Newsletter, ANS News, and Nuclear Cafe**
- 9. Nominating Committee Report (Ninokata)**
- 10. Membership Committee Report (Ninokata)**
- 11. Old Business (All)**
 - a. Reminder of THD special events at this meeting**
 - b. THD Position Statement (Ninokata)**
- 12. New Business (All)**
- 13. Others**

Minutes of the Executive Committee Meeting

**Thermal Hydraulics Division
2010 American Nuclear Society Annual Meeting
Town and Country Resort, San Diego, CA
4:30 – 6:00 PM, Sunday, June 13, 2010
Eaton**

Attendees: Jose Reyes, Francesco D'Auria, Kurshad Muftuoglu, DuWayne Schubring, Elia Merzari, Hisashi Ninokata, Karen Vierow (Chair), F. Bill Cheung, Chang Oh, John Luxat, Hee Cheon No, David Aumiller, Si Young Lee, Xiaodong Sun, Brian Collins, Xiaojing Liu, and Joy Rempe. (same order as in Attachment A).

1. Opening

Karen Vierow called the THD Executive Committee Meeting to order at 4:40 p.m.

2. Approval of Meeting Agenda

The meeting agenda (Attachment B) was introduced and approved.

Before proceeding to Item 3, Karen Vierow invited the University of Michigan and Georgia Tech Student Conference Delegations to speak and present an update on the results of the 2010 ANS Student Conference and preparations for the 2011 ANS Student Conference. It was reported that at the 2010 Student Conference, the Thermal-Hydraulics track received the most submissions. The 2011 Student Conference will be held at the Hyatt Regency Downtown Atlanta from April 14-17, 2011. The Georgia Tech student delegation invited the THD and its members to serve as judges and sponsors.

3. Action Items from November 2009 Winter Meeting

a. NURETH-14 Planning (Luxat)

A comprehensive update has just been issued in the THD Spring Newsletter. No further report required at this meeting.

b. NUTHOS-8 Planning (Liu)

An update for NUTHOS-8 planning was made during the Program Committee Meeting.

c. NURETH-15 and beyond (Vierow)

There is nothing to report concerning the action item from the 2009 ANS Winter Meeting calling for the collection of NURETH Meeting data. The action item will be held open.

Alan Levin raised the issue with Vierow by email that NURETH-14 will be held during Jewish holidays. He noted that NURETH-13 also imposed the same conflict. It was discussed that this could not have been avoided with NURETH-14 due to the required blackout period around the meeting. It was decided to ensure that a statement is included in future NURETH solicitations that recommend religious holidays be taken into consideration when examining NURETH conference proposals.

Action: Collect data to determine if there is a market for a NURETH meeting every year. Data of interest include the number and quality of NURETH-15 proposals as well as the number of papers and paper submission trends for NURETH-14 and 15. (Jong Kim—Conference Selection Committee)

Action: Ensure that statement is added to future NURETH solicitations that host organizations take religious holidays into consideration when setting dates. (Conference Selection Committee)

d. Solicitation for NURETH-15 Host Organization. (Vierow)

This item was discussed during the THD Program Committee Meeting.

e. Sponsorship of an embedded topical in 2012. (Muftuoglu)

A proposal was made to move forward with an embedded topical at the 2012 Winter Meeting in San Diego entitled, “Advances in Thermal Hydraulics”. This proposal also called for not holding regular ANS meeting sessions to compete with the topical. The primary motivation for the topical is to allow for revenue for full papers in the years between US based NURETH Meetings. It was reported that the THD is the only major ANS division not to have an embedded topical.

Some concerns were raised about the ability of the division to sustain all this presentation activity in the long run and the impact of the embedded topical on the success of NURETH and NUTHOS. It was agreed that there is some uncertainty here and that regardless what we do the division needs to keep a very close eye on what happens. If there is too much uncertainty we can commit on a meeting by meeting basis and decide on the format and frequency as we go along.

A motion was made to move forward with an embedded topical at the 2012 Winter Meeting in San Diego. A count was made and it was determined that enough EC members were present to constitute a quorum. It will be decided at a later date if there will be general THD sessions at the 2012 Winter ANS Meeting and what the name and focus of the topical will be. The motion passed seven for, one against and no abstentions.

Action: Put the embedded topical meeting on the ANS calendar for the 2012 Winter Meeting. (Muftuoglu)

Action: Prior to the November ANS Winter 2010 meeting, determine the preliminary title, topic and format of the proposed embedded topical for discussion at the November 2010 Meeting. (Muftuoglu)

f. NUTHOS-9 Planning (Ninokata/Vierow)

This item was discussed during the Program Committee Meeting.

g. Finalization of division rules/procedures (Vierow)

It was reported that comments from the Bylaws and Rules Committee (BRC) were addressed in the Rules and the BRC approved the revised Rules. The updated rules are now posted on the division website.

Item closed.

4. Treasurer's Report

A printed copy of the Treasurer's report (Attachment C) dated 5/31/2010 was distributed. Based on the financial report as of December 31, 2009, the total revenue for 2009 was \$26,731 (including carry-forward from 2008), and the total expenses were \$7,730, leaving the division a balance of \$19,001. As of 5/31/2010 the division balance is estimated as \$18,005.

The TAA endowment funding was discussed. The balance in this endowment is \$16,078 as of 4/30/2009. The monetary contribution from NURETH-13 provided substantial funding for the endowment over the last year. To be fully endowed the account will need a balance of \$20,000. Until that time general division funds will be used to pay for the TAA. Since donations from overseas organizations cannot be used to fund the division's general accounts, they will be used to fund the TAA endowment. Discussion occurred concerning where to put excess money from NURETH-14 after the TAA has been fully funded. It was decided that the treasurer will look into setting up a new awards account for the excess funding.

In the approved THD 2010 budget, \$500 has been allocated for student support but the exact use has not been identified. Discussion ensued about the best use of this money. A motion was made that the \$500 should go toward student travel in relation to the Young Professionals TH Research Competition at the November 2012 Meeting. The motion passed unanimously.

Action: Look into setting up an account for awards so that we have a place to put the excess money from NURETH-14 after the TAA has been fully funded. (Aumiller)

5. Honors and Awards Committee Report (Rempe)

a. Solicitation for TAA

The solicitation for the TAA is out, with nomination packages due on July 1.

b. Best Paper Award

The Honor and Awards Committee calls on the NURETH-13 organizers to provide information on potential best paper candidates. It appears that a number of the papers went to *Nuclear Engineering and Design* before organizers were able to select them for best paper award. It was suggested that the H&A Committee consider the list of papers from the NURETH-13 organizers and the list of papers selected for NED from Yassin Hassan in the Best Paper selection process. To be considered for the award, at least one author must be an ANS member.

Action: Get list of NURETH-13 papers submitted to NED and make a selection for the best paper. (Rempe)

6. Young Professional Thermal Hydraulics Research Competition (Collins)

It was reported that the competition is open to students as well as young professionals, as their inclusion may help to achieve a healthy number of summary submissions. To this date no abstracts for the competition have been submitted. Collins will attend the Young Professionals Group Meeting during the ANS Meeting in order to advertise the competition.

7. Division Website Report (Schubring)

It was reported that the division website has been updated with the exception of the Program Committee Members.

Action: Provide list of current Program Committee members to the webmaster. (Muftuoglu)

Action: Add NURETH-14 information onto the website. (Schubring)

8. Nominating Committee Report

The 2010 Executive Committee membership and officers were reviewed.

Incoming THD Officers approved by ANS (July 2010-June 2011)

Chair

Hisashi Ninokata

Vice Chair/Chair-Elect

Brian Woods

Secretary

Xiaodong Sun

Treasurer

David Aumiller

Incoming THD EC members approved by ANS

Si Young Lee (3 years)

Steven Arndt (3 years)

Current EC members

Hisashi Ninokata (2011)

Brian Woods (2011)

David Aumiller (2011)

Hee Cheon No (2011)

Randall O. Gauntt (2012)

John Luxat (2012)

Stephen Bajorek (2012)

Cesare Frepoli (2012)

Steven Arndt (2013)

Si Y. Lee (2013)

Xiaodong Sun

Karen Vierow (2010) [ex-officio]

THD Committee Chairs

Program Committee—Kurshad Muftuoglu (2012)

Honors and Awards Committee—Joy Rempe (2011)

Nominating Committee—Karen Vierow (2011)

Membership Committee—Karen Vierow (2011)

Retiring EC Members

Chang Oh (2010)

Kurshad Muftuoglu (2010)

Robert Martin (2010)

Action: Nominate new EC members. (Vierow)

9. Membership Committee Report

The current division membership stands at 1034 members which represents approximately 9.3% of the total ANS Membership.

9. Old Business

It was reported that the division report to the Board of Directors went well. There were no negative items to report. The division is doing quite well with a large number of “green boxes” including strong support of the meetings through our papers. Our budget planning through our spending plan was well received by the Board. It was also noted that our division membership continues to increase but at a decreasing rate.

10. New Business

The THD liaison to the Board, Jose Reyes, has suggested that the division develop position statements on topics that regulatory guides do not cover. Guidance on preparation of such statements needs to be explored.

Action: Look into guidance for the preparation of position statements and send email to division membership. (Ninokata)

11. Others

The THD liaison to the Board also shared with the division the plans of the national ANS organization. ANS is currently looking into a plan to modernize the organization—a process coined “enterprise transformation”. As part of this effort, ANS has done an extensive analysis of the organization and processes of other professional societies and how this information could be used to improve the ANS.

Finally, Hisashi Ninokata honored Karen Vierow for her service to the division over the past year as the Chair of the Thermal Hydraulic Division and made a presentation of a plaque with a gavel to her. Thanks Karen!

Minutes prepared by Brian Woods

American Nuclear Society – Thermal Hydraulics Division
Executive Committee Meeting
Town and Country Resort, San Diego, CA
4:30 – 6:00 PM, Sunday, June 13, 2010
Location: Eaton

Sign In Sheet

Name	Affiliation	Email	Phone
Hee Choo No	KAIST	hchoo@kaist.ac.kr	350-9041 042- 861
David Amiller	Bettis	damiller@amesl.net	412-476-6687
Si Young Lee	SRNL	si.lee@srnl.doe.gov	(803) 725-8462
Xiaodong Sun	Ohio State U.	sun.204@osu.edu	614-247-7646
Brian Collins	PNNL	Brian.collins@pnl.gov	509-272-6189
Xiaojing Liu	SJTU	xiaojingliu@sjtu.edu.cn	86 21 34207129
Joy Rempel	INL	joy.rempel@inl.gov	201 526 2897

ATTACHMENT B

PROPOSED AGENDA

American Nuclear Society – Thermal Hydraulics Division
Executive Committee Meeting
Town and Country Resort, San Diego, CA
4:30 – 6:00 PM, Sunday, June 13, 2010
Location: Eaton

1. Opening (Karen)
2. Approval of Meeting Agenda (All)
3. Action Items from November 2009 Winter Meeting
 - a. NURETH-14 Planning (Luxat)
 - b. NUTHOS-8 Planning (Xu)
 - c. NURETH-15 and beyond (Vierow)
 - d. Solicitation for NURETH-15 Host Organization. (Vierow)
 - e. Sponsorship of an embedded topical in 2012. (Muftuoglu)
 - f. NUTHOS-9 Planning (Ninokata/Vierow)
 - g. Finalization of division rules/procedures (Vierow)
4. Treasurer's Report (Sun)
 - a. Student support expenditures.
5. Honors and Awards Committee Report (Martin)
 - a. Solicitation for TAA
 - b. Best Paper Award
 - c. New Fellow nomination
6. Young Professional Thermal Hydraulics Research Competition (Collins)
7. Division Website Report. (Schubring)
 - a. Website update to reflect current officers and committee memberships.
8. Nominating Committee Report (Oh)
9. Membership Committee Report (Oh)
10. Old Business (All)
 - a. Reminder of THD special events at this meeting
 - b. Division Report to the Board of Directors on Nov. 17 (Vierow)
11. New Business (All)
 - a. THD position statement. (Vierow)
12. Others

ATTACHMENT C

Treasurer's Report (May 31, 2010)

(a). 2009 Division Financial Report

For 2009, the Division's income of \$26,731 came from the 2008 carry forward (\$22,907), our 2009 member allocation (\$2,044), and Division income from meeting revenue support (i.e., by contributing more than the expected number of technical summaries and organizing technical panels, \$1,780). THD expenses were support for newsletters postage, awards and plaques, donation to the student conference at University of Florida in April 2009, student travel support to the ANS Annual Meeting (June 2009) and the ANS Winter Meeting (November 2009), scholarships including the NEED program, and one-time donation to the Larry Hochreiter Endowed Lecture Series. The total THD expenses for 2009 were \$7,730, which was slightly below the EC approved 2009 budget, \$7,800 (See the THD Fall 2009 Newsletter). The details of the income and expenses are included in the table below.

Revenue		
Type	Item	
Member Allocation	\$2/THD Member	2,044
Carry Forward from 2008		22,907
Division Income from meeting revenue support	June meeting 29 papers @ \$30, \$870 Nov. meeting 27 papers @ 30, \$810 Nov. meeting 2 panels @ \$50, \$100	1,780
TOTAL REVENUE		26,731
Expenses		
Type	Item	
Newsletters (Postage)		11
Awards, Plaques		1,719
Student Conference Support	University of Florida meeting	2,500
Student Travel Support	June 09 Meeting	250
Student Travel Support	Nov. 09 Meeting	250
Scholarship/NEED	Scholarship (\$250) + NEED Program (\$250)	500
Other Expenses	One-time donation to the Larry Hochreiter Endowed Lecture Series	2,500
TOTAL EXPENSES as of 12/31/09		7,730
Balance as of 12/31/09		19,001

Many thanks to the authors, reviewers, session and panel organizers, the Program Committee (PC), and the PC Chair, Dr. Kurshad Muftuoglu, for the great job of promoting THD participations in the ANS National Meetings by presenting many high-quality papers. The income from those papers is certainly essential to maintain our THD's financial stability.

Awards-related expenses for the year 2009 (\$1,719)

- THD Technical Achievement Award for 2009 at \$1,000
- THD Technical Achievement Award plaques at \$76
- Best Paper Award at \$500
- Best Paper Award plaque at \$72
- Recognition plaque for outgoing Division Chair at \$71

(b). 2010 Division Budget (\$5,300)

For 2010, the Executive Committee approved the following expenses at the November 2009 meeting:

- \$1,800 for awards and plaques (same as in 2009)
- \$2,000 for ANS Student Conference support (\$500 less than that in 2009)
- \$500 targeted to student support with details to be identified at the June 2010 EC meeting (additional item, not in the 2009 budget)
- \$500 total for student travel support to the 2010 ANS Annual Meeting and Winter Meeting (same as in 2009)
- \$500 for Scholarship/NEED program (same as in 2009)

(c). 2010 Division Financial Report (by May 31, 2010)

2010 Income

For 2010, the Division's income of \$21,069 included the 2009 carry forward (\$19,001) and our 2010 member allocation (\$2,068). Please note there was a typo in the THD 2010 Spring Newsletter: the Division's 2010 income was shown as \$21,039, instead of the correct number \$21,069.

2010 Expenses (by May 31, 2010)

The Division's expenses by May 31, 2010 include the following:

- \$2,000, donation to the ANS student conference at the University of Michigan in April 2010
- \$500, donation to the ANS for student travel support to the 2010 ANS Annual Meeting and Winter Meeting
- \$500, donation to the ANS for Scholarship/NEED program
- \$64 (estimate), plaque for outgoing division chair

The balance of the THD general funding account as of May 31, 2010 is estimated as **\$18,005**.

(d). Update on the TAA Endowment Account

On June 3, 2010, Christian Krapp of ANS Accounting Manager provided the following information about THD's endowment account for the TAA Award (account No.: 2742):

Beginning Balance (01/01/2010):	\$3,488
Contribution from NURETH-13:	\$12,490
Four-month Interest:	\$100
Balance on 04/30/2010:	\$16,078

The account needs \$20,000 to get it fully endowed. Once the account is fully endowed, THD can use the revenue generated from this account to support the THD TAA award.

The ANS THD thanks the Atomic Energy Society of Japan, NURETH-13 organizers, and Professor Hisashi Ninokata for the generous support to the ANS THD! The donation from NURETH-13 is invaluable in helping the THD TAA endowment account get fully funded.

(e). Identifying the use of \$500 student support

As indicated in Item (a) above, in the THD EC approved 2010 budget, there are \$500 allocated for student support, but without exact use identified. In the 2010 Annual Meeting, The EC will need to decide how to use the \$500. A couple potential uses are:

1. Travel support to students who participate in the Young Professional Thermal-Hydraulics Research Competition at the 2010 November Meeting
2. Monetary award for the student winner of the above Competition

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