

**Minutes from**  
**American Nuclear Society – Thermal Hydraulics Division**  
**Program Committee Meeting**  
**Hyatt Regency New Orleans**  
**3:00 –5:00 PM, Sunday, November 16, 2003**  
**Room: Buena Vista**

Attendees: Shripad T. Revankar, Won-Pil Baek, Whee G. Choe, Yassin A. Hassan, Chang H. Oh, Jong H. Kim, Hisashi Ninokata, Cetin Unal, Per Peterson, Jean-Claude Bouchter, Herve Lemonnier, Sama Bilbao y Leon, Larry E. Hochreiter, Joy L. Rempe, Robert Martin (meeting secretary). (Attachment A)

1. Opening

Robert Martin motioned to bring the meeting to order at 3:08pm

2. Approval of Meeting Agenda

Meeting agenda was introduced (as outlined in these minutes) and approved with no changes.

3. Minutes from June 2003 Meeting

The minutes were distributed. A misspelling of Prof. Kune Y. Suh was identified and corrected. The minutes were approved with this correction.

4. Action Items from June 2003 Meeting

- a. NUTHOS-6 is on the ANS calendar and THD is a cosponsor. This is a ANS sponsorship class 2 meeting.
- b. The action item related to NURETH-11 was deferred to that section in the agenda.
- c. Action item to update the THD Web page was completed by Robert Martin.
- d. Editorial subcommittee membership discussion is deferred to the stated agenda time. [NOTE: This topic was later deferred to the EC meeting].

- e. No one could answer to the action item related to an embedded ICAPP (International Congress on Advances in Nuclear Power Plants) meeting with the ANS meeting.
5. 2004 NHTC (July 11-15, 2004) or 2004 ANS (June 13-17, 2004)  
The 2004 NHTC falls within ANS's one month meeting restriction period. The THD will hold its next PC and EC meetings at the 2004 ANS meeting. The THD will not be sponsoring sessions at the 2004 NHTC.
  6. 2004 ANS Winter Meeting Program/BE 2004 Embedded Topical –  
Session topics and chairs for this meeting are as follows:
    - a. *Thermal-Hydraulics in Nuclear-Hydrogen Generation Initiatives* – Chang Oh and Per Peterson
    - b. *Computational Fluid Dynamics and Heat Transfer* – Hisashi Ninokata and Martin Bertodano
    - c. *Thermal-Hydraulic Code Development and Applications* – Sama Bilbao Y Leon and Undine Shoop
    - d. *General Two-Phase Flow* – Shripad Revankar and Jong Kim
    - e. *U.S. DOE NEER: Research Highlight (tentative)* – Yassin Hassan

THD is listed as a co-sponsor of the Best-Estimate 2004 Embedded Topical Meeting. That meeting has received on 20 papers and has extended the deadline for paper submission to December 1<sup>st</sup>, 2003.

7. International Topical Meetings
  - a. NURETH-10 (Korea, 2003) – Conference Report – Won-Pil Baek reported that 317 contributed and invited papers were presented at the NURETH-10 meeting. The meeting was represented by 342 registered attendees from 31 countries. Total net profit \$45900 with \$20K to ANS. Special issue(s) of Nuclear Technology will be dedicated to the better papers presented at this meeting. The KNS also pledges to support the French in preparation for NURETH-11. (presentation available at <http://thd.ans.org/committees/minutes/meetingpres0311.pdf>)
  - b. NUTHOS-6 (Japan, 2004) – Hisashi Ninokata reported that they have finalized the meeting's standing committees (Executive, Organizing,

and Technical Program Committee). The meeting has identified 15 sponsors. Invitations are being made to draw a healthy gathering of engineers and scientists. Plans to identify an appropriate journal or journals to publish quality papers are currently being discussed. .  
 (presentation available at

<http://thd.ans.org/committees/minutes/meetingpres0311.pdf>)

c. NURETH-11 (France, 2005) – Jean-Claude Bouchter and Herve Lemonnier (CEA) presented the current plans for this meeting. They introduced the meeting by first providing background information about the meeting organizers and the region where the meeting will be held (Pope’s Palace, Avignon, France). The meeting agenda was presented with emphasis that little organizational advancement can be made in France in July and August and that schedules were adjust to accommodate this concern. ANS THD representative for this meeting are

Jong Kim	General Program Committee Co-Chair
Per Peterson	Technical Program Committee Co-Chair
Robert Martin	Steering Committee Co-Chair (decided following actual PC meeting)

To address the challenge of identifying a sufficient number of paper reviewers, the organizers plan to also drawn from the body of contributing authors to the meeting. Call for papers expected in January 2004.

Abstracts due in May 2004. Full papers due January 2005. *Action Item: Robert Martin will contact ANS for a mailing list of ANS THD members.*

The NURETH-11 meeting will be formally introduced on Monday, Nov. 17, before the National Program Committee. (meeting proposal available at <http://thd.ans.org/nureth/nureth11prop.pdf> and

<http://thd.ans.org/nureth/nureth11details.pdf>)

d. Student ANS meeting – University of Wisconsin – Madison – Lola Neisius and David Paige introduced the meeting (April 1<sup>st</sup>- 3<sup>rd</sup>, 2004). They are soliciting judges and a representative to discuss the division.

- e. International Youth Nuclear Congress 2004 (affiliated with YGN)  
– May 9-13, 2004, Toronto, Canada. Lisa Shell explained meeting details and sponsorship options.
8. Web page subcommittee report – web page is updated with current EC/PC membership and links to meetings. Email to NURETH-11: [nureth11@cea.fr](mailto:nureth11@cea.fr)
9. Editorial subcommittee report – deferred discussion to EC meeting.
10. Membership subcommittee report – Joy reported that 839 members are currently recognized as part of THD. This is based on the annual allocation of membership dues from the ANS to THD.
11. New business
- a. Jong Kim nominated Shripad Revankar, Karan Vierow, Chang Oh, Won-Pil Baek and Kune Y. Suh to the Program committee and they were approved by the committee.

Attachment A

ANS	<u>PCM</u>	11/16/03.
<u>Name</u>	<u>Institution</u>	<u>e-mail</u>
S. T. REVANKAR	PURDUE UNIVERSITY	shripad@em.purdue.edu
W.P. Baek	KAERI, Korea	wpbaek@kaeri.re.kr
W.G. Choe	TXU	whee.choe@txu.com
Y.A. Hassan	TAMU	y-hassan@tamu.edu
C.H. Oh	INEEL	CHH@INEL.GOV
Jong H. Kim	KAIST/EPRI/NU	jkim@epri.com
Hisashi Ninokata	Tokyo Inst Tech	hninokat@nr.titech.ac.jp
Cetin Unal	Los Alamos National Lab.	cu@lanl.gov
Per Peterson	UC Berkeley	peter@nuc.berkeley.edu
J.C. BOUCHTER	CEA	jean-claude.bouchter@cea.fr
H. LEMONNIER	CEA/Grenoble, France	herve.lemonnier@cea.fr
SAMA BILBAO Y LEÓN	DOMINION	SAMA-BILBAO@DOM.COM