

**Minutes of the RPD Executive Committee (Rev. 1 – October 2008)  
ANS Annual Meeting, Anaheim, CA  
Sunday, June 8, 2008 (4pm-6pm)  
Disneyland Hotel, Wonder Room A**

- I. Meeting was called to order by Farzad Rahnema.
  - a. Attendance list was handed out
  - b. Ivan Maldonado agreed to take the minutes.
- II. Student ANS section representative from the University of Florida provided an update on the upcoming ANS student conferences to be held in Gainesville, FL, April 1-5, 2009. They expect approximately 400 students and 175 papers to be submitted. If you have any questions about this conference, direct them to Jacob DeWitte at [jdgators@ufl.edu](mailto:jdgators@ufl.edu) or Brett Dooies at [dooies@ufl.edu](mailto:dooies@ufl.edu).
  - a. They formally requested RPD's financial support.
  - b. They're interested in professional division representatives (from RPD and other divisions) to attend and help introduce students to ANS structure and organization
  - c. They requested for us to pass the word out on this conference to our professionals and students.
- III. Chair of the 2008 student conference at Texas A&M reported on their conference:
  - a. 375 students attended (new record)
  - b. 175 professionals from 40 companies attended
  - c. Participation by 16 universities
  - d. 154 student presentations and 16 posters presented
  - e. They thanked RPD for their support and presentations provided
- IV. Secretary Report (Ivan Maldonado)
  - a. Due to a misunderstanding on who was taking the minutes and due to technical difficulties, minutes for the Nov'07 were not available. Ivan Maldonado agreed to recreate and submit the minutes alongside the minutes for the June'08 meeting by mid-July or earlier
  - b. Newsletter is long overdue. Ivan will send e-mail out with section assignments for the contributors to the newsletter. We would like to issue this by mid-July as well.
- V. Treasurer's Report (Bob StClair)
  - a. Bob provided a copy of the budget (attached) – self explanatory.
  - b. Michele Brady-Raap noted that the paper financial allocation by ANS was in progress of being removed (it was \$1 then \$2 per paper, not will be gone). Update by Russ Mosteller (6/30/08):  
*"Unfortunately, we were informed during the National Program Committee (NPC) meeting that even though the NPC had approved that change, at Don Hoffman's direction the Professional Divisions Committee (PDC) asserted ownership and refused to permit it. Accordingly, at the next RPD executive committee meeting, the executive committee needs to direct the chair (i.e., Jeff) to raise the matter at the PDC meeting and ask for a vote."*

- c. Bob moved that we increase the student travel support to \$1000
- d. Farzad noted that MCD sponsors tickets for students to the President's reception. It was moved and voted for a pilot test of this as an option for RPD, under the following guidelines:
  - i. If students or advisors are members of RPD
  - ii. Or if paper is being presenting in an RPD session
  - iii. We will start a pilot test of this with a limit of 5 tickets to give out
  - iv. Ivan, as the new treasurer, agreed to help move this forward
- e. We moved and voted to support up to \$5,000 in support of the scanning of pre-1998 journals "if" the ANS needs it.
- f. Encumbrance in the budget will be "on hold"
- VI. RPD Website Report (Jeff Bradfute)
  - a. Has reviewed other websites
  - b. It is evident that we may require the appropriate software or funds to update our website to modern standards.
- VII. Nominating Committee (Officers for 2008/09)
  - a. Nominating committee was Ben Rouben, Farzad, and Jess.
  - b. Jeff Bradfute is Chair
  - c. Bob St. Clair is Vice Chair
  - d. Ivan Maldonado is Treasurer
  - e. Ben Forget is Secretary
  - f. Germina Ilas and Ron Ellis were selected for Executive Committee
- VIII. Scholarships (Jess Gehin)
  - a. Henry/Greebler Scholarship committee was made of: Jess Gehin, Tom Downar, Scott Palmtag, and Dimitri Cokinos. There were 19 candidates of which the top third was very good. Winner was Emily Walters of University of Michigan (\$3,500 award)
- IX. Program Chair Report
  - a. 2008 Annual Meeting (Anaheim)
    - i. Approximately 38 summaries.
    - ii. Auction was held in Chicago in February at ANS headquarters
    - iii. 3 accepted, 28 accepted with revision, 6 rejected unless revised, 1 withdrawn.
    - iv. 6 sessions, 1 panel, 1 tutorial co-sponsored by RPD (MCNP burnup/depletion workshop, Russ Mosteller is co-Chair)
    - v. Best Paper judges requested for Tuesday PM and Wednesday/Thursday AM (3 papers). Jess Gehin volunteered to help. He and Szelim Kong were able to judge all 3 papers. Jeff Bradfute also volunteered during the program committee meeting.
    - vi. Members were reminded to score papers during the paper reviews, or else there is no good way for down-selection to be done for best papers.
  - b. 2008 Winter Meeting (Reno)
    - i. We have 3 standing and 6 special sessions for Reno.
    - ii. Standing panel is open as an opportunity for discussions or meetings or other uses.

- iii. Deadline for papers is June 13, but is likely to be postponed into late June or early July. Paper auction will be on July 14/15. Review will be managed by Bojan, but Ivan will be at the auction at ANS headquarters.
      - iv. Session chairs are sought for Reno, please contact Bojan if you're interested.
    - c. 2009 Annual Meeting (Atlanta)
      - i. Bojan will be the meeting TPC so he's asking us for help during that time, because he'll be extra busy.
      - ii. We have only one special session (proposed by Yousef Shatilla), so more sessions are needed.
- X. Topical Meetings
  - a. Executive Committee voted to approve recommendation of Pittsburg as the 2010 PHYSOR venue
  - b. PHYSOR 2008 issue of registration cost and deadlines was discussed. Bojan agreed to send a note to the organizers.
  - c. ANFM 2009 (Hilton Head, SC, April 12-15, 2009)
    - i. Ivan handed out pamphlets for the call for papers. TPC organizational meeting to be held in the Sleeping Beauty Pavilion at 4pm on Tuesday, June 10. All are invited if interested in participating in the program committee, special sessions, etc.
    - ii. Website now accepting extended summaries through Oct. 31, 2008 (go to [www.anfm2009.org](http://www.anfm2009.org))
- XI. Report on Standards (Dimitri Cokinos)
  - a. Dimitri reported a lot of activity on Standards.
  - b. 10 standards in existence
  - c. 4 standards under development
  - d. Committees working on various standards:
    - i. 19.1, 19.3, 19.3.4, 19.4, 19.5, 19.6.5, 19.9, 19.11, 19.12
  - e. Looking for volunteers on this important activity (contact Dimitri if interested)
  - f. PHYSOR 2008 will have a session dedicated to standards chaired by Cokinos and Enrico Sartori.
- XII. Honors and Awards (Dimitri Cokinos)
  - a. We have not had candidates nominated for the Wigner Award for a long time. Dimitri noted that the process is very simple. Only 3 letters, etc.
  - b. Russ Mosteller provided comments on fellows. He notes that several candidates put forth by RPD have been rejected. The emphasis appears to be put primarily on the letters instead of the persons' records and qualifications. Russ, Ganapol, and others plan to attend the Honors and Awards meeting (4pm, Monday, Dreams "B") to express RPD's concerns and try to understand the problem.
- XIII. Goals and Planning (Jeff Bradfute)
  - a. To reduce meeting footprint, we no longer have the 12-2pm goals and planning meeting time/location allocated by the ANS. This is not being done off line. Updated plan was provided by Jeff, who will follow up by e-mail for comments and reviews.
- XIV. Bylaws (Jeff Bradfute)
  - a. Keith Drudy and Jeff Bradfute made updates to the bylaws and circulated this by e-mail for comments/feedback. Quorum was confirmed, EC voted on changes.
- XV. Meeting adjourned at 6pm

Minutes recorded by Ivan Maldonado  
 Outgoing Secretary / Incoming Treasurer

Attendance List

RPD EXECUTIVE Comm. Attendance  
2008 WIS Summer mtg. - Anaheim

NAME	AFFILIATION	Email
G. IVAN MARDONADO	UofTN	Ivan.Maldonado@utoronto.ca
Robert St. Clair	Duke Energy	brstclair@duke-energy.com
Bojan Petronic	Georgia Tech	Bojan.Petronic@gatech.edu
Farzad Rahnema	"	farzad@gatech.edu
KEN KOZIER	AECL	kozierk@aocl.ca
MIKEY BRADY RAAP	PNNL	michaele.brady.raap@pnl.gov
Eleodor Nichits	UOIT	eleodor.nichits@uoi.ca
Jess Gehris	ORNL	gehrijc@ornl.gov
John Bess	INL	John.Bess@inl.gov
Dimitri Cokinos	BNL	cekinos@bnl.gov
Simone Santandrea	CBA	simone.santandrea@cea.it
Russ Masteller	LANL	masteller@lanl.gov
BENJAMIN FORGET	MIT	BFORGET@MIT.EDU
Dave Niag	INL	dwn@inl.gov
BEN ROUBEN	12 & 1 CONSULTING	ROUBENB@ALUM.MIT.EDU
MIKE ZERKLE	BAPL	zerklemd@ketteric.gov
ART WHARTON	(W)	whartoa@westinghouse.com
RON ELLIS	ORNL	ellistj@ornl.gov
JEFF BRADFUTE	(W)	bradfutej@westinghouse.com

Others present, not listed: Ben Rouben 12 & 1 Consulting [roubenb@alum.mit.edu](mailto:roubenb@alum.mit.edu)



## Advances in Nuclear Fuel Management IV

*Addressing a broad spectrum of front-end nuclear fuel management activities, within the context of reactor physics and fuel cycle economics.*

### Projected Technical Sessions

Generation-IV Design Concepts  
Reactor-Based Plutonium Disposition  
High enrichment >5wt% UO<sub>2</sub> studies  
Extended Fuel Cycles and Economic Analysis  
Fuel and Core Design Based On Thorium Cycles  
Innovative Core Loading Strategies and Methods  
Error quantification of core simulation capabilities  
Utilities Experience In Reload Design and Licensing  
Research Reactor Topics – fuel management practices  
Nuclear data needs to enhance core simulation fidelity  
Experiences and Advances In On-Line Core Monitoring  
Validation of Core Analysis Tools for Fuel Management  
Advanced Fuel Assembly and Burnable Absorber Designs  
Addressing Practical Design Constraints On Fuel Management  
Advanced fuel management and multi-dimensional burnup analysis  
Management, Design, and Operation Issues of Advanced Reactor Fuels  
Monte Carlo based Depletion and Full Core Analysis: New Developments and Issues  
Utilization of zero power physics tests and core follow data to enhance core simulation fidelity  
And many more (See conference Web site [anfm2009.org](http://anfm2009.org))

### Important Dates

**Call for Papers:**

May 1, 2008

**Summaries Due:**

Oct. 31, 2008

**Final Papers Due:**

Feb. 13, 2009

### Projected Panel Discussions

Zero Ten - Zero fuel leakers by 2010  
Adequacy of Methods for Nuclear Fuel Management  
World Perspective On Nuclear Fuel Management Needs

Additional details at the conference Web Site: <http://anfm2009.org/>

**Treasurer's Report (BUDGET) – By Bob StClair**

AMERICAN NUCLEAR SOCIETY REACTOR PHYSICS DIVISION												
	ACTUAL											
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007		
Budget Funds	1051	1035	1031	1237	1195	1311	1457	1492	1589	1651		
Current Year Member Alloc.	1898	4628	8479	20519	11196	16751	8995	9505	9483	31345	Notes	
Carry Forward, Prior Year	3729	7466	13359	1440	11451	690	11131	1430	34388	2040	1	
Other Budget Funds	6678	13129	22869	23196	23842	18752	21583	12427	45460	35036	2	
Total Budget Funds											3	
Budget Expenses												
Newsletters	0	0	0	0	0	0	0	0	0	115	0	
Awards, Plaques	0	0	150	0	91	257	78	73	0	0	0	
National Meeting Costs	0	0	0	0	0	0	0	246	0	0	0	
Division Officers Expense	0	0	0	0	0	0	0	0	0	0	0	
Student Support	800	600	200	2000	2000	2000	2000	2000	4000	0	4	
Scholarship/NEED Funding	600	3400	2000	10000	5000	7500	10000	0	10000	0	0	
Other Expenses	650	650	0	0	0	0	0	625	0	5977	0	
Total Expenses	2050	4650	2350	12000	7091	9757	12078	2944	14115	5977		
Excess (Deficiency) of Budget Funds over Expense	4628	8479	20519	11196	16751	8995	9505	9483	31345	29059		

FINANCIAL REPORT - JUNE 2008

Prepared June 2, 2008

Notes

Notes

Original Budget	2008 Actuals thru Mar '08	Proposed 2008 Budget Jun '08
1651	3434	3434
26219	29059	29059
0	0	0
27870	32493	32493
0	0	0
2600	1500	4600
25270	30993	27893

Notes

Note 1: Original 2008 budget assumed 2007 carryover of \$26219, actual was \$23095, see next sheet for variances.

Note 2: Member allocation rate increased from \$1/member to \$2/member. Actual 2008 RPD membership increased from 1651 to 1717.

Note 3: No estimate of meeting participation funds used to develop 2008 budget. Other budget funds for 2007 includes RPD participation benefits of \$840 for the June and \$1200 for the November meetings.

Note 4: \$1500 for 2007 student conference support actually disbursed in 2008. Currently funding student travel at \$500/meeting. Increasing to \$1000/meeting beginning in November 2008 and accounting for 2007 student conference would yield \$4500 for student support in 2008 and \$3500 in future years.

Henry/Greebler Scholarship as of 3/31/2008

	2003	2004	2005	2006	2007	2008
Endowment						
Balance BOY	\$66,094.82	\$80,195.10	\$92,030.48	\$92,900.74	\$104,032.74	\$105,191.74
Member Contributions	\$9,252.00	\$10,850.00	\$0.00	\$10,000.00	\$0.00	\$0.00
Other Contributions	\$3,989.54	\$4,485.38	\$4,370.26	\$4,632.00	\$4,659.00	\$0.00
Interest Income	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$0.00
Award	\$9,741.54	\$11,895.38	\$870.26	\$11,132.00	\$1,159.00	\$0.00
Change in Balance	\$9,741.54	\$11,895.38	\$870.26	\$11,132.00	\$1,159.00	\$0.00
Balance EOY	\$75,836.36	\$92,030.48	\$92,900.74	\$104,032.74	\$105,191.74	\$105,191.74

AMERICAN NUCLEAR SOCIETY REACTOR PHYSICS DIVISION		Assumed 2007 to Prepare 2008 Budget	Actuals 2007	Variance 2007 Actuals vs Assumed
<b>Budget Funds</b>				
Current Year Member Alloc.	1651	1651	0	
Carry Forward, Prior Year	31345	31345	0	
Other Budget Funds	2200	2040	160	
<b>Total Budget Funds</b>	<b>35196</b>	<b>35036</b>	<b>160</b>	
<b>Budget Expenses</b>				
Newsletters	0	0	0	
Awards, Plaques	0	0	0	
National Meeting Costs	0	0	0	
Division Officers Expense	0	0	0	
Student Support	2500	0	2500	
Scholarship/NEED Funding	0	0	0	
Other Expenses	6477	5977	500	
Total Expenses	8977	5977	3000	
<b>Excess (Deficiency) of Budget Funds over Expense</b>	<b>26219</b>	<b>29059</b>	<b>-2840</b>	

- Represents difference between estimated and actual meeting participation

- Represents difference between estimated and actual student support (\$1500 Support for 2007 Student Conference disbursed in 2008)  
 - Represents PHYSOR 2006 estimated "miscellaneous" expenses not utilized

**Received Comments and Corrections**

