

Minutes of the RPD Executive Committee
June 1, 2003
San Diego CA

In Attendance:

Russ Mosteller	Chair	LANL
Phillip Finck	Vice-Chair (Chair Elect)	ANL
Baard Johansen	Treasurer	Westinghouse Electric
Mark Kantrowitz	Secretary	Canberra
Dave Kropaczek	Past Chair	GNF
Jeff Bradfute		Westinghouse Electric
Ben Rouben	EC Member	AECL
Timothy Valentine	EC Member	ORNL
Dale Lancaster		NuclearConsultants.com
Nam Zin Cho		KAIST
Dimitrios Cokinos	Ex-Officio	BNL
Jess Gehin	EC Member (TPC Chair)	ORNL
Bob St. Clair	EC Member	Duke Energy
Steve Baker		Transware Enterprises
Ken Schultz	RPD Board Liaison	General Atomics
Gray Chang	EC Member	INEEL
Charles Rombough	Past Chair	CTR Technical Services
Bill Charlton		University of Texas
Jeff Borkowski	Incoming EC Member	Studs vik
Yousry Azmy		Penn State University
Hironobu Unesaki		Kyoto University
Abderaffi Ougouag		INEEL

The meeting to order at 4:08 p.m. in the Sunrise Room of the Town and Country Resort & Convention Center, San Diego, CA by RPD Chair Russ Mosteller.

1. Introduction by Ken Schultz – RPD Liaison

The meeting began with an introduction by Ken Schultz, who invited RPD members to report items/issues of interest to him. The following comments were noted:

- Meeting rooms in Washington were awkward – it was not possible to have a poster session because of it
- Poster sessions are viewed as less desirable than regular sessions
- Page charges are an issue
- Registration fees are an issue

2. Secretary's Report (Mark Kantrowitz)

Approval of Minutes, November 2002 Meeting

Approval of the minutes from the November 2002 meeting was deferred pending completion of the minutes by the RPD Secretary.

RPD Newsletter

The following items were noted as candidates for the RPD Newsletter

- Advances in Fuel Management Conference in October 2003
- PHYSOR 2004 in Chicago
- Message from the RPD Chair
- Henry/Greebler Scholarship
- Treasurer's Report

It was suggested that an electronic newsletter be posted on the RPD website.

3. Treasurer's Report (Baard Johansen)

Revenue Sharing with MCD

The proposal for a joint agreement between RPD and MCD for their bi-annual topical meetings was presented for discussion (proposed agreement attached). According to the proposed agreement, RPD and MCD will split the share of Division profits from bi-annual topical meetings, with 75% going to the host Division and 25% going to the co-sponsoring Division. The proposed agreement applies to bi-annual topical meetings only. The proposal will be formalized by including it in the meeting minutes and adding it to the 5-year operational plan for the respective Divisions.

A motion was made (B. Johansen/J. Gehin) to approve the agreement and put it into the RPD minutes subject to similar approval by MCD. Motion approved.

RPD Budget

The RPD budget for 2003 was previously approved at the November 2002 meeting.

A motion was made (J. Gehin/P. Finck) to allocate \$10,000 to the Henry/Greebler scholarship. The motion was amended by Russ Mosteller to allocate \$7500 for 2003. Motion approved as amended.

The RPD Financial Report, including the revised expense items, is attached. The Financial Report includes the following budgeted expenses:

ANS Student Conference, UC-Berkeley:	\$1500 (disbursed 2/24/03)
Student Travel Support for National Meetings:	\$500 (disbursed 6/24/03)
Henry/Greebler Scholarship Fund:	\$7500 (disbursed 6/24/03)
Wigner Award (Plaque and Lunch for Winner):	\$150 (to be disbursed 11/03 following Winter Meeting)

The Financial Report includes the following budget income:

Current Year Member Allocation:	\$1311
2003 ANS Meeting Participation:	\$500 assumed for budget (\$780 estimated for forecast)
2003 M&C Topical Meeting:	\$0 assumed for budget (\$875 estimated for forecast)

4. Nominating Committee Report – RPD Election Results (Dave Kropaczek)

Dave Kropaczek reported the RPD election results. New officers are as follows:

Chair: Phillip Finck
Vice Chair/Chair Elect: Baard Johansen
Treasurer: Mark Kantrowitz
Secretary: Jess Gehin

Executive Committee: Jeff Borowkowski
Brian Avelis
Atul Karve

Terms will begin immediately following the ANS Annual Meeting in San Diego.

5. Request for Support for 2004 ANS Student Conference

A presentation was made by the University of Wisconsin requesting financial support for the 2004 ANS Student Conference. The conference will be held in Madison WI April 1-4, 2004.

The 2003 ANS Student Conference was held at the University of California Berkeley. At that conference, there were 220 student attendees and 90 technical papers presented. The conference received \$25,000 in support for student travel. RPD contributed \$1500.

6. Status of Henry/Greebler Scholarship

A proposed name change in the scholarship fund to the Allan F. Henry Scholarship was discussed. No support for such a change was indicated.

7. Reports on Topical Meetings

M&C 2003 (Yousry Azmy)

Yousry Azmy reported on the M&C Topical Meeting held in Gatlinburg, TN April 6-10, 2003. At the meeting, there were 19 regular sessions, 6 special sessions, 1 plenary session and 1 poster session. One-hundred-fifty-seven (157) papers were submitted, of which 2 were withdrawn and 5 rejected, leaving a net of 150 papers. There were 127 reviewers, of which 87 were active. Three-hundred-ninety-six (396) reviews were completed. There were 225 registrants for the conference representing 22 countries, including 35 students from 6 foreign universities. For the special lecture series, 7 out of the 8 lecturers attended. Invitations were sent out to foreign speakers, but only 1 accepted, who later did not attend the meeting.

Notable items from the meeting included the following:

- A special luncheon was held in honor of Dr. I. K. Abu-Shumays, recently retired from Bettis Power Laboratory.
- The first Gerald C. Pomraning Memorial Award was presented posthumously to Prof. Gerry Pomraning.
- A Best Student Paper competition was organized with monetary awards for 1st, 2nd and 3rd prizes.

- Three members of the Technical Program Committee who reviewed the most papers were recognized at the conference banquet.

Some lessons learned from the meeting were the following:

- Require authors to assign pre-registrants for presentation of papers
- Avoid holes in the program due to no-shows

Advances in Nuclear Fuel Management III (Dave Kropaczek)

Dave Kropaczek reported on progress for the AFM III Conference to be held in Hilton Head, SC in October 2003. One-hundred-forty (140) papers have been submitted, of which 7 have been rejected. The new Technical Program Chair is Bojan Petrovic.

The registration fee has been established at \$475.

PHYSOR 2004 (Ray Klann)

The 2004 Reactor Physics Topical Meeting (PHYSOR 2004) will be in Chicago on April 25-29, 2004. Ray Klann reported on progress in the meeting planning. The meeting will be 4 days, with a full slate on Thursday. The tentative schedule includes a full plenary session on Monday morning, with smaller plenary sessions on Tuesday and Thursday mornings. Four (4) parallel sessions are planned, with an option for a fifth if necessary. Slots are available for 216 presentations, with the possibility of 56 additional slots if there is a fifth parallel session. The preliminary budget shows an excess of \$14,500 based on 200 attendees and no outside support.

2006 Reactor Physics Topical Meeting

Bids will be accepted from Canada and Mexico as well as the US for the 2006 Reactor Physics Topical Meeting.

8. Program Committee Report (Jess Gehin)

Jess Gehin reported on current and upcoming Annual and Winter Meetings.

2003 Annual Meeting - San Diego

RPD has 42 papers (out of a total paper count of 256), with 3 special sessions. The special sessions are as follows:

- Nuclear Data, Noise Analysis and System Control – Rafael Perez Legacy (2 sessions) (organized by Felix Difilippo and Luis Leal)
- ANS Joint Benchmark Committee Benchmarks and Related Efforts

For the RPD Best Paper Award, first and second round reviews resulted in the following 3 papers for final consideration:

- “Verify the Criticality Impact of Pu-Rich Agglomerate in MOX Fuel”, by G. S. Chang
- “An Adaptive Method Based on Dynamics Reconstruction. Application to BWR Stability Monitoring”, by G. Verdu and D. Ginestar

- “Zero Burnup Reactivity Core for CO2 Gas Turbine Fast Reactor”, by Y. Kato and T. Nitawaki

The Best Paper Award will be determined following the San Diego meeting.

2003 Winter Meeting – New Orleans

For the New Orleans meeting, the following special sessions are planned:

- Control and Safety Strategies for Space Nuclear Reactors (organized by Mike Zerkle)
- Addressing Current Challenges in LWR Neutronics Analysis (organized by Marvin Adams)

2004 Annual Meeting - Pittsburgh

No special sessions have been formally suggested to date. A possible special session candidate for the Pittsburgh meeting is a session on coupled thermal-hydraulics/neutronics. Other possible areas are Gen IV reactors and Pebble Bed reactors.

New Program Committee Chair

Ivan Maldonado has volunteered to serve as the new RPD Program Committee Chair.

9. Standards Committee Report (Dimitri Cokinos)

Dimitri Cokinos reported on major developments on ANS 19 Standards.

- Bob Little from LANL is the new chair of the Working Group for ANS 19.1 – Nuclear Data
- There is new momentum in ANS 5.1 – Decay Heat Standard. The latest revision is nearing completion.
- Two standards (ANS 19.3 and ANS 19.6.1) are up for balloting by the ANS 19 Committee. Also, a Working Group has already started on the next revision/update for ANS 19.6.1.
- A draft of ANS 19.10 is expected to be submitted to the ANS 19 Committee for review.
- ANS 19.3 (Verification of Methods for Critical Systems) and ANS 19.5 (Verification of Methods for Power Reactors) are in search of Chairs. These standards deal with benchmarks and the use measured data to compare with codes.

Also, Dimitri has been appointed a member of the Standards Steering Committee

10. Honors and Awards Committee Report (Dimitri Cokinos)

Wigner Award

Dimitri Cokinos proposed that the Wigner Award winner be invited to give a Keynote Presentation at an RPD session of an ANS Annual or Winter Meeting or at an RPD Topical Meeting. This would give the Wigner Award more needed publicity. Since the Wigner Award is an RPD award, RPD should be more actively involved. The lectures at the MCD Topical Meeting in Gatlinburg were very well received, and could be used as a model. The Mark Mills Award also could serve as a model. It was concluded that the preference is presentation of the Wigner Award at a Topical Meeting rather than a National Meeting; however, the decision should be left up to the award winner.

For 2003, the Wigner Award winners are Paul Turinsky and Weston Stacy. It was recommended that Turinsky be presented the award at the AFM III meeting in October 2003, for which he is honorary chair.

New ANS Fellow

Ren-Tai Chang has been recognized as an ANS Fellow.

11. Goals and Membership Committee (Dave Kropaczek)

Dave Kropaczek reported that the 5-year Operational Plan and 1- year plan have been sent to Eric Blocher at ANS National, who keeps track of metrics. It was noted that RPD is generally doing well with respect to these metrics. It was also noted that RPD membership has increased by about 30% in the last 4 years (from 1030 to 1311 members).

12. Joint Benchmark Committee (Russ Mosteller)

Russ Mosteller reported that the 1st accepted benchmark has been submitted to the Joint Benchmark Committee.

13. Professional Divisions Committee – Metrics & Measures (Phil Finck)

Phil Finck attended a workshop on metrics and measures. The workshop covered both vitality measures and critical measures. RPD graded well on these measures. Some problems for RPD with respect to the metrics were noted:

- RPD does not sponsor embedded topical meetings
- RPD does not have a committee to encourage people to publish

In addition, the issue of privacy with respect to the measurement results was raised. The Divisions were told that the metric scores would be confidential for use by each Division. Measured metrics for each Division would not be reported to the National Board of Directors, and information would not be shared among Divisions. A motion was made (B. Johansen/M. Kantrowitz) for RPD to not share measurement results with the BOD or other Divisions. Motion approved.

14. New Business

Jess Gehin is a member of the Book Publishing Committee. RPD members are needed for reactor physics textbooks. The Committee intends to use LaMarsh as a starting point, but is considering a supplement.

The meeting was adjourned at 6:20 pm.

Respectfully submitted by
Mark L. Kantrowitz, RPD Secretary