

Minutes of the RPD Executive Committee  
November 11, 2002  
Washington, DC

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
Temitope Taiwo	EC Member	ANL
Timothy Valentine	EC Member	ORNL
Kord Smith	EC Member	Studs vik
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
Raymond Klann		
Andrew Kadak		

The meeting was called to order at 4:05 pm in the Congressional B Room of the Omni Shoreham Hotel in Washington, D. C. by RPD Chair Russ Mosteller.

**1. Introduction of Liasion with National ANS**

Ken Schultz introduced himself as the RPD Liasion with National ANS. He invited RPD members to bring any issues that they may have to his attention.

**2. 2003 M&C Topical Meeting (Youzry Asmy)**

Youzry Azmy reported on the M&C Topical Meeting, "Nuclear Mathematical and Computational Sciences: A Century in Review – A Century Anew", to be held in Gatlinburg TN April 6-10, 2003. This is a RPD co-sponsored meeting.

At the meeting, there will be eight invited lectures instead of a plenary session. The lecture series will be dedicated to Ely Gelbard. There will be morning and afternoon technical sessions each day (Monday through Thursday). To date, eight (8) special sessions have been identified.

Each session will start with a 1-hour lecture, followed by 15 minutes of questions, a break, and then technical sessions. In addition, six (6) workshops (to be selected) will be held adjacent in time to the conference. Also, publication of the invited lectures is a possibility.

The selection of speakers for the lectures was accomplished by first selecting topics of interest to MCD, then developing a short list of speakers. A balance between academia, industry and laboratories was targeted. No foreign speakers accepted invitations.

The Registration fee includes arrival dinner, break fast and lunch daily, and a banquet. There will be a poster session with wine and cheese leading into the banquet. Free registration – including proceedings but no meals or events – will be offered to students.

The conference will utilize on-line registration and electronic submission and review. To date, 103 papers have been posted on the website, with promises for 31 others. One hundred twenty-five (125) user profiles have been submitted as reviewers.

There will be three (3) Best Paper Awards. The top award will be named in honor of Ely Gelbard.

Revenue from the conference is estimated to be about \$65,000.

### **3. Approval of Minutes, June 2002 Meeting (Mark Kantrowitz)**

The minutes of the June 2002 meeting in Hollywood, FL were distributed electronically prior to the Washington meeting. Hard copies of the minutes were also available. The minutes of the June 2002 meeting were approved unanimously.

### **4. Treasurer's Report (Baard Johansen)**

The RPD Financial Report was distributed and presented by Baard Johansen (see attached). The Financial Report includes the actuals (as of 9/30) for 2002, the forecast for 2002 (12 months) and a proposed budget for 2003. Specific items include the following:

- \$2000 budgeted for Scholarship funding.
- \$3000 budgeted for revenue from PHYSOR 2002 but actual will be much higher

### **5. Announcement of 2003 ANS Student Conference**

The 2003 ANS Student Conference will be held at the University of California Berkeley on April 2-5, 2003. Lance Kim of UC-Berkeley provided an update on the status of the conference.

Hotel space has been secured. A 2-day career fair will be held in conjunction with conference. The organizers are looking to get speakers from Diablo Canyon to discuss what it is like to work in the nuclear industry. Speakers and judges from industry are being sought.

Approximately 300 attendees are expected at the conference. Support from RPD would be directed toward student travel. Also, there would be an RPD-sponsored best paper award.

Information on the conference can be found on the conference website:

[www.nuc.berkeley.edu/ans/conf/](http://www.nuc.berkeley.edu/ans/conf/).

A motion was made to fund \$1500 for the student conference. Motion approved.

**6. Nominating Committee Report (Dave Kropaczek)**

Dave Kropaczek reported the following nominations:

Executive Committee:	Jeff Borokowski Atul Karve Brian Avelis
Secretary:	Bob St. Clair and Jess Gehin
Treasurer:	Mark Kantrowitz
Vice Chair:	Baard Johansen
Chair:	Phillip Finck

**7. Status of Henry/Greebler Scholarship (Kord Smith)**

Kord Smith reported that as of June 2002 there was approximately \$60,000 in the Scholarship fund. To date, there has been \$5000 in individual contributions to recognize the legacy of Allen Henry. The Henry family has committed to match up to \$10,000. The goal is to have the Scholarship fund reach \$100,000 and become self-sufficient. In the past year, the fund has earned \$3200 interest and dispensed \$3500.

The yearly award of the Scholarship fund is \$3500. Russ Mosteller will correct the Scholarship information at the RPD Presentation to the ANS Board.

A motion was made for the RPD to donate \$5000 to the Henry/Greebler Scholarship fund for 2002. The motion was approved. RPD is authorized to dispense \$5000 to the Scholarship fund.

**8. Reports on Topical Meetings**

Dale Lancaster questioned the registration fee for Topical Meetings for members. It was noted that the registration fee is set by the organizing section and includes outside funding. Topical meetings are well-attended, so the registration fee was not seen as a detriment to meeting attendance.

PHYSOR 2002 (Nam Zin Cho)

Nam Zin Cho reported on the PHYSOR 2002 Topical Meeting held in Seoul. There were 346 attendees, including 115 from Korea. Three hundred twelve papers were presented, including 44 from Korea. The meeting was successful, with a profit of \$82,666. Details are available in the preliminary meeting report.

M&C 2003

See Item 2 above.

Advances in Nuclear Fuel Management (Dave Kropaczek)

Dave Kropaczek reported on the Advances in Fuel Management III Topical Meeting, to be held in Hilton Head, South Carolina in October 2003. Papers are due by March 15, 2003. Technical Program Committee members are needed. Also, a Technical Program Chair is needed. Until one is found Dave Kropaczek and Atul Karve will serve as co-technical chairs.

### PHYSOR 2004 (Ray Klann)

Ray Klann reported on PHYSOR 2004 Topical Meeting, and reviewed the meeting schedule and activities. The meeting is scheduled to be held in Chicago April 25-29, 2004. Calendar placement for the meeting was granted on November 12, 2001. Preliminary approval is expected from ANS National on November 12, 2002.

Preparations for the meeting are ongoing. The meeting will be held at the Hyatt Regency. Hotel contracts have been signed and rates guaranteed.

The meeting will have four (4) concurrent technical sessions on the four days of the meeting, with an opening plenary session on Monday morning. Poster sessions are not yet identified. It was suggested that the authors be given the option for oral presentation or poster at the time of paper submittal.

### Ad Hoc Committee on Profit Sharing

The concept of profit sharing with M&C for topical meetings was discussed. A motion was made for Jess Gehin and Baard Johansen to act as an ad hoc committee to discuss the profit sharing concept with M&C. Motion approved.

### Sponsorship of Topical Meetings

The difficulty in getting local sections to sponsor topical meetings was discussed. Tim Valentine and Russ Mosteller suggested that RPD cultivate local sections to sponsor topical meetings. Temitope Taiwo recommended a push from RPD national members. Ray Klann suggested that RPD target specific local sections to act as hosts.

## **9. Program Committee Report (Jess Gehin)**

Jess Gehin reported that there were 27 papers presented at the Washington DC meeting. This number is somewhat reduced, due to the movement of 4 sessions (3 special and 1 panel) to San Diego. There will be two special sessions at the New Orleans meeting.

The special sessions at the San Diego meeting will include the following:

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

In addition, there will be a panel discussion on Current Issues for Reactor Engineers.

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

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

ANS will reduce page charges for publications, but will require camera-ready copies for publication. RPD will continue its standard review process and cover editorial corrections as best as possible.

The Program Committee is looking for a new Chair. Travel requirements include 2 national ANS meetings and 2 Division Representative meetings (in Chicago) each year. Also, the Program Chair is required to attend the National Program Committee meeting at each of the above.

**10. Publications Committee Report (Dale Lancaster)**

Dale Lancaster reported that electronic publications are becoming more and more successful. Subscribers to journals can search all journals on-line. A proposal is being considered for a reduced-rate subscription for on-line publication versions only (no paper copies). Dale also noted that the current price for journals is breakeven.

**11. Standards Committee Report (Dimitri Cokinos)**

Dimitri Cokinos reported on several RPD-related standards. For Standard 19.1, Richard McKnight may need to step down as Chair. A Chair is also needed for Standard 19.5. There has been increased progress of late on Standard 19.10. For Standard 5.1, RPD will have full control similar to 19.X standards; however, the standard will remain as 5.1.

**12. Honors and Awards Committee Report (Dimitri Cokinos)**

Noel Corngold is the recipient of the 2002 Eugene Wigner Award. The award will be presented at the ANS Meeting in San Diego in June 2003.

An increase is needed in the number of nominees for the Wigner Award. Two members will be added to the current committee of Charlie Rombough, Dimitri Cokinos and Russ Mosteller. Nam Zin Cho agreed to be one of the two additional members.

The establishment of a bi-divisional, Joint RPD/MCD Young Researcher's Award was introduced for consideration. This award has been proposed and accepted by the MCD Executive Committee. Eligible candidates would need to be less than 40 years old. There would be one award per year, to be presented at the Topical Meeting. The award winner would receive a citation and complementing registration at the Topical Meeting. There would be no monetary award. Nominations could be made by a RPD or MCD member. The joint selection committee would consist of 5 members – 2 or 3 from MCD and the balance from RPD. A motion was made to establish a Joint MCD/RPD Young Researcher's Award. Motion rejected.

**13. Goals and Planning Committee (Dave Kropaczek)**

The 1-year plan for 2002 was reviewed and will be issued to the RPD Executive Committee on schedule.

Comments were provided on the 5-year plan. A draft will be prepared for 2003. A motion was made to approve the 5-year plan pending incorporating of the comments made at the Goals and Planning Committee meeting. Motion approved.

**14. Joint Benchmark Committee Report (Russ Mosteller)**

Russ Mosteller reported on activities of the Joint Benchmark Committee.

- LWR Lattice Benchmark – in process of voting on this benchmark
- Future Benchmarks – a format has been established
- Calvert Cliffs Isotopics Benchmark (Steve Baker) – benchmark has been announced

Organizations are needed to participate in the benchmark and perform calculations. Barry Ganapol and Richard Sanchez will submit some benchmarks.

**15. RPD Presentation to ANS Board of Directors (Russ Mosteller)**

Russ Mosteller summarized the RPD Presentation to the ANS Board of Directors. Highlights include the following:

- Continued increase in RPD membership (14.2% over last 4 years)
- Strong Technical Program
- Significant number of papers at ANS Annual and Winter Meetings
- Regular sponsored and co-sponsored Topical Meetings and Conferences
- Greebler Scholarship
- RPD Wigner Award
- Honors for RPD Members
- Involvement in ANS Standards

The meeting was adjourned at 6:07 pm.

Respectfully Submitted by

Mark L. Kantrowitz  
RPD Secretary