

**Radiation Protection and Shielding Division
Executive Committee Meeting Minutes
June 5, 2006
Reno, NV**

1. ***Call-to-Order and Introductions*** – Ray Klann

Attending June 5 Executive Committee Meeting:

Officers

Ray Klann, ANL, klann@anl.gov , chairman
John S. Hendricks, LANL, jxh@lanl.gov , secretary

Executive Committee

Charlotta E. Sanders, Bechtel Yucca Mountain, charlotta_sanders@ymp.gov
Nolan Hertel, Georgia Tech, Nolan.hertel@me.gatech.edu
Man Sung Yim, North Carolina State University, yim@ncsu.edu
F. Arzu Alpan, Westinghouse, alpanfa@westinghouse.com

Incoming Executive Committee

Robert Hayes, Bechtel-Nevada, hayesrb@nv.doe.gov

Past Chairman

David Anderson, Electric Boat Corp., d.anderson@snet.net

Interested RPSD Members

Eric Burgett, Georgia Tech, eric.burgett@ors.gatech.edu
Douglas E. Peplow, ORNL, peplowde@ornl.gov
Nelson Royall, University of Florida, nelsonia@ufl.edu
Ken Van Riper, White Rock Science, KVR@rt66.com

2. ***Chair's Report*** – Ray Klann

- a. Strategic Plan – no report
- b. Notes from Meeting with ANS President – David Anderson
On Sunday morning, June 4, David Anderson substituted for Ray Klann at the regularly scheduled meeting with ANS president, James Reinsch.

Grassroots Advocacy: Reinsch wants members to promote grassroots support of nuclear power.

ANS Demographic: Reinsch noted that ANS now has 500 young members and student members have gone from 700 to 1300 in 5 years. Younger membership is good, but the result is that regular membership is 60% of ANS but pays 85% of dues.

ANS Deficit: Bill Naughton, ANS Treasurer, noted that ANS gets a return of 9% on investments (\$10 million cash reserves) which more than pays for a 5% operating budget deficit.

Scholarships: Harold McFarlane, ANS President-Elect, noted that not all Division scholarships are supported by ANS.

Division Reps: requested that ANS increase its contribution to Divisions from \$1 per member (same rate as 50 years ago!) to \$2 per member.

- c. **PDC Workshop Items** – Charlotta Sanders
On Saturday, June 3, Charlotta Sanders substituted for Ray Klann at the Professional Divisions Committee Workshop.

Bylaws: The bylaws and rules deadline has been extended to the November Winter meeting in Albuquerque.

Students: Students are encouraged to participate in professional divisions, though undergraduates cannot be division chair / chair-elect.

WWW Site: needs improvement

Public Policy: Larry Foulke, chair, ANS Public Policy Committee – has asked professional divisions to rank a number of public policy issues. Action – Ray Klann

National Meeting Footprint: Doug Crawford, chair, National Program Committee, wants to move all Professional Division and other governance meetings to Sunday to reduce room requirements for national meetings – “reduce the footprint”. It was suggested that the bylaws and standards committees are the real culprits.

- 3. ***Vice-chair’s Report*** – Andrew Hodgdon – no report
Note: Incoming vice-chair, John Wagner, is in charge of the RPSD newsletter.
- 4. ***Secretary’s Report*** – John Hendricks
Minutes of the November 2006 Washington Meeting were approved. They are available from John Hendricks, jxh@lanl.gov
- 5. ***Treasurer’s Report*** – Stephanie Frankle, Ray Klann reporting

Treasurer’s Report: Provided by Stephanie Frankle was approved. As of 3/31/06 the balance was \$22,339 held by ANS. A reprint is available from Stephanie Frankle, frankles@lanl.gov

Student Conference: \$1050 will be given to the OSU student conference. Passed unanimously by voice.

RPSD2006 income: RPSD proceeds (approximately \$15000) to go to Blizzard Scholarship endowment. Passed unanimously by voice.

The only anticipated 2007 income is the ANS Division member allocation, \$1 per member. For 2008 we expect income from RPSD2008 topical as well.

Stephanie Frankle will distribute the 2007 budget by e-mail.

6. *Standing Committee Reports*

a. Program Committee – John Hendricks

Minutes of the June 5 RPSD Technical Program Committee are attached as an appendix.

- i. 2006 RPSD Topical: Rob Hayes reported the Carlsbad, NM, topical was a success with 153 papers (including 35 from 15 foreign countries) and anticipated \$60K profit (30K to ANS, 15K to Carlsbad Section, 15K to RPSD)
- ii. ICRS-10 (2008 RPSD Topical) – Atlanta, GA. Nolan Hertel reported that RPSD2008 will be at Calloway Gardens, GA, jointly with ICRS-11.
- iii. National Meetings: John Hendricks reported 7 sessions are planned for Albuquerque, NM, November 12-16, 2007.

Motion failed 3-3-1 to authorize calendar placement of RPSD2010 joint meeting with IRD and possibly RPD in Las Vegas, NV, February 2010. It was felt that 2006 is far too early and other locales may want to bid.

Motion passed (unanimous voice vote) “The RPSD executive committee recommends that the Las Vegas Section present a joint proposal with IRD for a February RPSD2010 topical meeting in Las Vegas, NV.”

The executive committee supports the Las Vegas RPSD2010 meeting bid, but wants to have a more formal procedure and more time before calendar placement.

b. Benchmarks – Dick Amato – no report

c. Nominating Committee – Dave Anderson

Radiation Protection and Shielding Division Officers 2005-2006

<i>Chair</i>	<i>Raymond T. Klann</i>
<i>Vice Chair</i>	<i>Andrew Hodgdon</i>
<i>Secretary</i>	<i>John Hendricks</i>
<i>Treasurer</i>	<i>Stephanie Frankle</i>

Executive Committee (3-yr term) 2005-2006

2006 (outgoing)
 Dick Amato
 Jennifer Tanner

2007 Larry Townsend
 F. Arzu Alpan
 Nolan Hertel
 Erik Shores

2008 Charlotta Sanders
 Jeremy Sweezy
 Man-Sung Yim

2009 (incoming)
 Robert Hayes
 Jennifer Tanner
 Larry Townsend

Outgoing chairman Ray Klann is to make nominations for next year.

d. Standards – Bill Hopkins – reported by Ray Klann

F. Arzu Alpan (Westinghouse) has reconstituted the working group for ANS-6.1.2, “Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants,” (revision of ANSI/ANS-6.1.2 – 1999). The project has had its PINS forms approved and a new draft standard is in development.

Dick Faw (KSU retired) and his working group have completed new drafts of the following standards which are being reviewed at the N17 level:

ANS-6.4-200X, “Nuclear Analysis & Design of Concrete Radiation shielding for Nuclear Power Plants” (revision of ANSI/ANS-6.4-1997; R2004)

ANS-6.4.2-200X, “Specification for Radiation Shielding Materials” (revision of ANSI/ANS-6.4.2-1985; R1997; R2004).

ANS-6.1.1-200X, “Dose Conversion Coefficients,” is still pending (Nolan Hertel.)

e. Membership – Charlotta Sanders

RPSD has 1327 members and is holding steady. The best way to increase division membership is for the current membership to invite new members. Charlotta will provide John Wagner her ideas for increasing membership for use in the next RPSD newsletter.

f. Honors and Awards – Dave Court – no report

g. Scholarship – John Poston, Sr.

Dave Anderson reported there was a good pool from different universities for the Blizzard Scholarship. Winner(s) will be announced.

Motion passed by unanimous voice vote: “\$2000 will be allocated to the Georgia Section for student support at RPSD 2008.” Nolan Hertel will recommend that four \$500 scholarships be awarded and will seek a matching amount from the Georgia section. Nolan will report back to the November RPSD Executive Committee Meeting.

- h. By-laws – Erik Shores – tabled until November
- i. Public Policy – Dave Anderson
 - i. Radon in Homes – is being written by BMD
 - ii. Health Effects from Low-Level Radiation: Kim Kearfott (U Mich) offered to help. Dave will make a first draft and Lori Anderson (NIH) will review it.
- j. Web-site – Stephanie Frankle - tabled

7. **Old Business** – covered during committee reports

8. **New Business**

- a. 2007 Student Conference Presentation
RPI Student Conference: Shadi of the March 30 – April 1, 2006, student conference at RPI had 350 students and professionals attend – the biggest student conference ever. There were 26 organizations at the career fair.
<http://ans.union.rpi.edu>

OSU Student Conference: Konrad Kulesza announced the 2007 student conference will be at Oregon State University, Corvallis, OR, during Spring Break, March 29 – 31. He encouraged professional members to attend and speak. <http://groups.engr.oregonstate.edu/ans>

- b. Student Support at National Meetings – none
- c. Meeting Space Programming: See 2c “*National Meeting Footprint,*” above

9. **Adjourn**

Action Items

The following action items resulted from the June 2006 RPSD executive committee meeting. Parenthesis denote the agenda item originating the action item.

- All: consider attending the OSU Student Conference (8a), April 2007
- Ray Klann:
 - Rank public policy issues (2c)
 - Nominate 2007 executive committee and officers (6c)
- Stephanie Frankle:
 - Stephanie Frankle: \$1050 to OSU Student Conference (5) from 2006 funds
 - All proceeds from RPSD Topical(5) to Blizzard Scholarship
 - Distribute the 2007 budget by e-mail. (5)
 - Provide \$2000 for RPSD2008student scholarships to Georgia Section (6g)
- Nolan Hertel:
 - continue work on ANS-6.1.1-200X, “Dose Conversion Coefficients,” (6d)
 - Report RPSD2008 scholarships to RPSD Executive Committee at November Albuquerque meeting (6g)
- Charlotta Sanders: will provide ideas to newsletter on increasing RPSD membership (6e)
- Dave Anderson: Make a first draft of “Health Effects from Low-Level Radiation” with review by Lori Anderson (NIH) and with help of Kim Kearfott (U Mich).(6i)

Appendix**Minutes of the RPSD Technical Program Committee**
June 5, 2006, Reno, NV**1. Introductions**

John S. Hendricks, LANL, jxh@lanl.gov , chair
Eric Burgett, Georgia Tech, eric.burgett@ors.gatech.edu
Robert Hayes, Bechtel-Nevada, hayesrb@nv.doe.gov
Nolan Hertel, Georgia Tech, Nolan.hertel@me.gatech.edu
Douglas E. Peplow, ORNL, peplowde@ornl.gov
Nelson Royall, University of Florida, nelsonia@ufl.edu
Charlotta E. Sanders, Bechtel Yucca Mountain, charlotta_sanders@ymp.gov
Ken Van Riper, White Rock Science, KVR@rt66.com

2. RPSD Topical Meetings

- RPSD2006 – Rob Hayes
The RPSD2006 topical meeting in Carlsbad, NM, April 3-6, 2006, was a technical and financial success:
 - 153 papers (including 35 from 15 foreign countries.)
 - \$60K profit (30K to ANS, 15K to Carlsbad Section, 15K to RPSD)Lessons learned:
 - Focus upon identifying the scientific program committee: good chairmen and program chairs ensures good attendance by top people in their subject areas;
 - Have small daily plenary sessions (two half-hour presentations) instead of a long, long one on Monday;
 - Have nice, lengthy breaks with refreshments and no lunchtime speaker so attendees can talk to each other;
 - Have tutorials at the conference end so people stay for the entire technical program.
- RPSD2008 – Nolan Hertel
 - April 13-18 Calloway Gardens, Georgia
 - Joint meeting with ICRS-11. Contact: Enrico Sartori
 - Student support includes a reduced registration rate
 - Two-tiered publication track: transactions and optional publication in *Nuclear Technology*
 - The RPSD TPC recommends that the organizing committee solicits financial sponsors such as TVA, Southern Company.
- RPSD2010 – Rob Hayes
 - The Las Vegas local proposes to have RPSD2010 be a co-sponsored topical with IRD Division (and possibly RPD who decides on its topical in 2008) in February 2008 in Las Vegas, NV. They will consider a co-located topical.

- The theme would be something like “Radiochemistry, Fuels & Isotopes, Radiation Detection, Applications, and Material Testing.”
- Co-sponsored topical meetings
 - Co-sponsored topical meetings reduce the number of meetings on the calendar and increase attendance to make venues such as Las Vegas, NV possible. They are good if the co-sponsors have overlapping interests. Splitting revenues and co-planning may be pitfalls.

3. National Meetings

- Reno 2006 – John Hendricks
RPSD pushed as many papers to Carlsbad for RPSD2006 as possible; there were only 4 papers here at Reno.
- Albuquerque 2006 – John Hendricks
Seven sessions are planned including a tutorial (billed as a panel discussion) and “The Best of RPSD2006” which may need to be split into multiple sessions. There are 3 new sessions on computational tools.
- Boston 2007 – Ray Klann
We hope to repeat in Boston whatever works in Albuquerque.

4. Review Papers

- Review papers --- which start a session with a review of the state-of-the art in the subject area of the session --- have been attempted for each session at the Albuquerque November ANS winter meeting.

Minutes submitted by: John S. Hendricks, June 5, 2006