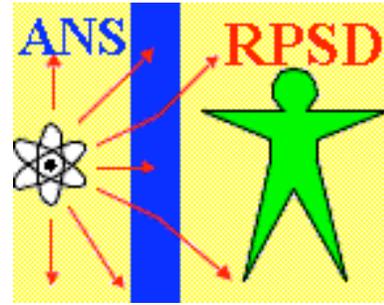




**Radiation Protection
and
Shielding Division**



Minutes of Radiation Protection and Shielding Division

Minutes of the ANS Radiation Protection & Shielding Division
Executive Committee Meeting
November 11, 1996 6:00 to 8:00 PM
Kennedy Room, Sheraton Washington

Attachments:

1. RPSD Executive Committee Meeting Agenda
2. RPSD Executive Committee Meeting attendance list
3. Treasurer's Report
4. Predesignation of Student Support for National Meetings
5. Technical Program Committee Report
6. 1998 ANS RPSD Topical Technical Program Committee
7. 1997-1998 Slate of Candidates for RPSD
8. Flier for Raleigh student conference

1. Call to Order

The meeting was called to order at 6:00 PM, November 11, 1996.

2. Consideration of the agenda (Attachments #1 & #2)

No additions or changes to the agenda were proposed.

3. Secretary's report - Approval of minutes from previous meeting

The minutes from the Reno Executive Committee Meeting of June 17, 1996 were approved as distributed.

4. Presentation of Division Awards

Peggy Emmett was awarded a Distinguished Service Award, and congratulations are offered. Her certificate will be delivered shortly.

Robert MacFarlane, Los Alamos Group T2 has been awarded a Distinguished Technical Service Award.

5. Chairman's report - Posten (jwp8890@acs.tamu.edu)

Sunday morning ANS President Miller called a town hall meeting of Division chairs and board members. Among the topics covered were:

- * ANS Standards Activity

- * Professional Division Representation - At the RENO Professional Divisions meeting a resolution that each division be represented on the Board of Directors was presented (this would involve 18 places on the Board). Rejection of this proposal has caused much discussion concerning the gulf between divisions and the Board of Directors.

- * The Public information budget has been cut subsistence levels - Much information is made available for free, especially to universities. Information is quite old, volunteers are needed for updates. Gene Cramer is the contact on this.

- * President Miller has been asked to formulate and Integrated Energy Policy statement.

- * ANS revenue is falling, less than \$6M projected for next year. - declines are seen in attendance at meetings, in membership (particularly for women), and in publication subscriptions

6. Chairman-elect's report - Greenborg (jess_greenborg@llnl.gov)

The Spring newsletter will be issued before the summer meeting. Committee chair reports are needed, if not in yet, you will be contacted. Newsletters are traditionally published by the ANS, however Internet publication should be investigated. There is no standard format for Division newsletters; standardization should be encouraged.

7. Treasurer's report - Broadhead (bub@ornl.gov) (Attachment #3)

\$27,000 was made at the Cape Code meeting, the division share is \$2,700, and it is recommended that the local section contribute \$1,000. Final distributions are still being made, and the final report is being written.

A presentation by the Student Activities Committee was made, requesting support for student attendance at ANS Meetings. (Attachment #4). We have \$600 budgeted for student support. The Education & Training division has reduce the number of student conferences from 3 to 2 in 1997, Penn State (Apr 3-6), and Rolla, Mo. (Mar 27-29). It is requested that we continue our 3-conference level of support, but divide it between the two scheduled for 1997. A motion was made and seconded that the budgeted \$600 be split equally between the two student conference. Motion passed unanimously.

Another possible source of funds for students would be to take some from the budged expense for newsletters. A motion was made and seconded that we take \$200 of the \$500 budgeted item for newsletter expenses and commit this to the Washington meeting for student support. The motion passed unanimously.

8. Standing Committee Reports

* Program - Klan

The Technical Program Committee Report and membership list was presented (Attachments #5 & #6)

A meeting of the Program Committee was held on Nov. 11th immediately preceding the Executive Committee Meeting.

* Honors and Awards - Momeni

Bill Urban is recognized with thanks for his 10 year's service.

Bill and Mike Momeni are making revisions to the awards manual. Keith Spinney needs signatures on the best paper award.

* Membership

John Posten has written personnel letters to 16 new members.

There will be a phonathon at the Orlando meeting to contact members who have recently quit ANS; volunteers are needed to help with this effort.

Nolan Hertel has been nominated for membership on the ANS

Board of Directors.

* Nominating - Hertel (Attachment #7)

The 1997-1998 Slate of Candidates for the RPSD is attached. A motion to accept the slate was made, seconded, and passed unanimously.

* Standards - Bill Hopkins, Liaison

Activities on various ANS standards of interest to RPSD were presented:

6.1.2 (Neutron & Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants)

Roussin, draft ready, running through ANS 6 through vote

6.3.1 (Program for Testing Radiation Shields in Light Water Reactors (LWR)) Klan; Shielding surveys underway, go for reaffirmation with update in 5 years

6.4 (Guidelines on the Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants)

Kanzy; Computational methods for shielding power plants have been revamped, approved by ANS 6, and N17 at ANSI level

6.4.3 (Gamma-Ray Attenuation Coefficients and Buildup Factors for Engineering Materials) Dave Trouby; A chair is needed for the buildup factor study.

6.6.1 (Calculation and Measurement of Direct and Scattered Gamma Radiation from LWR Nuclear Power Plants) Gamma skyshine study underway, go for reaffirmation,

6.6.2 (Neutron skyshine) Mike Westfall; Topic at a standstill for last 5 years, no verification of expected neutron skyshine currently available. The Nevada test site is under investigation for such a study, all depends on DOE funding

* Benchmarks - Bob Roussin, Liaison

Shielding benchmarks are being prepared for inclusion in the SINBAD data base. A collaboration with the NEA data bank on other benchmark activities is underway. All information will be made available to RSIC

* Blizard Memorial Scholarship - Ingersol

\$14,902 is currently available (the lowest of all ANS scholarships). The fund needs building up. A discussion followed as to whether to give the scholarship twice to the same person.

9. Old Business

* WWW RPSD Page Update - Kirk

A discussion of what to include on a RPSD Web page was held, such as the slate of nominees, and the newsletter.

* NCRP Nominees - Posten

Nick Tsoulfanidis was nominated, it is assumed he was not elected although no formal notification has been received. RPSD needs a representative, and should keep trying. A motion was made that to nominate Nick Tsoulfanidis for NCRP representative. Discussion: We should encourage this as a regular function of the RPSD. Motion was passed unanimously. John Posten will nominate Nick as an individual, and prepare a letter for NCRP for Jess Greenborg to sign

10. New Business

1. Nuclear Technology - Tsoulfanidis -

There will be a new editor of Nuclear Technology in June 1997, who needs support. Editors are needed to work with the topical groups, especially for special editions.

2. Regional Student Conferences - Tsoulfanidis/Posten

Information on the 1997 Midwest Regional Student Conference was discussed (Attachment 8).

3. Accelerator Applications Division - Waters

Laurie Waters gave a presentation on the formation of an ANS Accelerator Applications Working Group. A motion was made and seconded to support the formation of the Accelerator Applications Technical Working Group. The success of the recent Denton Texas accelerator conference was noted. The new working group is an attempt at ANS diversification. Motion passed unanimously.

4. Update on Nuclear Safety Division - Greenborg

The proposal for a name change for the Nuclear Reactor Safety Division was presented. A motion was made and seconded that the Nuclear Criticality Safety and Nuclear Reactor Safety Divisions be combined and renamed the Nuclear Safety Division.

Discussion: It was noted that these systems are basically

different, involving small strong communities. The motion was withdrawn.

Another motion was made and seconded that RPSD not approve the name change since it is too broadly based. Instead we recommend consideration of the name 'Nuclear Systems Safety' to reflect an emphasis on engineering systems. Motion passed unanimously.

11. Adjournment

The meeting was adjourned at 8:00 PM.

Respectfully submitted,
Laurie Waters
Secretary

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