

**Minutes of the ANS  
Fusion Energy Division  
Executive Committee Meeting**

**November 11, 2001**

**Room Teton 2  
Reno Hilton Hotel  
Reno, Nevada**

Members Present: Jim Stubbins, Roger Stoller

Members Present via TeleCon: Jake Blanchard, Lee Cadwallader, Jeff Latkowski, Wayne Meier, René Raffray, Dennis Youchison

Others Present or on TeleCon: Laila El-Guebaly, Yousry Gohar, Kathy McCarthy, George Miley, G. Piefer, R. Radel, Ken Schultz, Robert Singleterry, Nermin Uckan, D. Williamson

Executive Committee Members Absent: Akio Sagara, Neill Taylor, Scott Willms

**1. Call to Order**

J. Stubbins

J. Stubbins, Chair, called the meeting of the ANS/FED to order at 3:10 p.m. The revised meeting agenda is provided in Attachment A.

**2. Approval of the Previous Meeting's Minutes**

R. Raffray

The June/01 meeting minutes were briefly discussed, and approval was recommended with minor modifications.

**3. Report on Space Technologies and Applications Working Group**

K. McCarthy

K. McCarthy and R. Singletary (Vice Chair of Space Technologies and Applications Division) reported on discussion about the possibility of organizing a joint session between the two divisions at the next ANS meeting (Florida, June 2002). Such a joint session would also help the divisions in getting financial rewards from ANS which requires each division to organize at least 3 sessions (or 15 presentations) at each of the 2 annual ANS meetings. A motion to organize such a joint session at the June 2002 meeting was approved and G. Miley and K. McCarthy were nominated as contact persons to follow up on this effort.

#### **4. Treasurer's Report**

R. Raffray

R. Raffray summarized the status of the FED budget (see Attachment B). This year's income includes \$2342 of carryover, \$709 from member dues and \$7644 as income from the October 2000 topical meeting. Expenses so far in 2001 are \$129 for the 6/01 conference calls.

The current account balance is \$10,566. Anticipated expenses for the rest of the year include:

- \$272 estimated for the current conference call
- \$300 for NEED scholarship contribution.

The ending balance for the year is estimated to be \$9995, including the post-meeting adjustment.

R. Raffray submitted a proposed 2002 budget including estimated annual members dues of \$600 and carryover of \$9995 as income, and national meeting (meeting room + conference calls) expenses of \$600. Also included are:

- \$1500 for awards to be given at the 2002 15<sup>th</sup> Topical Meeting (\$500 for Outstanding Achievement Award, \$500 for Outstanding Technical Accomplishment Award, and \$500 for Best Student Paper Winner)
- \$1200 for student travel to the 15<sup>th</sup> Topical Meeting
- \$300 for NEED scholarship.

J. Latkowski asked about the possibility of subsidizing banquet tickets for students attending Fusion Topical Meetings. Since the FED budget is limited it would be better to find other ways of financing this such as increasing the registration fees or finding sponsors. R. Stoller volunteered to assess how to raise money for this purpose for the 15<sup>th</sup> Topical Meeting.

A question was raised about the possibility of supporting student attending the next ANS Student Conference at Penn State in April, 2002. A motion was proposed and approved to budget \$ 100 for a best fusion paper award and \$200 for general student support for this conference. The proposed 2002 budget shown as Attachment B reflects this.

Both the treasurer's report on the 2001 budget and the proposed 2002 budget were approved by the members present and those on the conference call.

#### **5. Editorial Policy for Fusion Science and Technology**

N. Uckan

N. Uckan reported on the publication status of the Fusion Science & Technology journal. A number of special issues are being planned for 2002 and journal space is fully booked for the year even though regular submissions are down.

The editorial policy excludes speculative papers and already published work. Typically, 25% of submissions are rejected on this basis and 75% of submissions are sent to reviewers, two thirds of which are ultimately accepted. The overall acceptance/rejection ratio is about 50:50.

To avoid possible abuse of the system, the length of letters to the publisher is more limited now.

Dr. Charles Baker (UCSD) who is now the Principal Editor of Fusion Engineering & Design has resigned from the Fusion Science & Technology Editorial Advisory Board. Dr. Stan Milora (ORNL) has been appointed as his replacement.

**6. Update on FED Nomination for ANS Fellows**

J. Stubbins

There are about 22 ANS Fellows currently identified with FED. There are several other FED members deserving to be nominated as Fellows and the division should be active in promoting these nominations. The help of existing Fellows should be enlisted to pursue this and a letter has been sent to this purpose.

The next deadline for Fellow nomination is February 1, 2002.

**7. ANS-FED Endorsement of Snowmass 2002**

J. Stubbins

Following a DOE OFES request for individuals and organizations to endorse the Snowmass 2002 fusion community meeting, a motion for ANS-FED to endorse Snowmass was approved.

**8. Report on Newsletter**

L. El-Guebaly

The Newsletter appears twice yearly and is sent to a distribution list by e-mail and posted on the FED website. Following a proposal by K. Schultz the FED EC expressed its gratitude to L. El-Guebaly for organizing the Newsletter.

**9. Update on ANS/FED Edward Teller Medal Awards and Endowment**

B. Hogan could not participate in the meeting. It was stated that the awards have been made and the endowment in support of the awards are up to the point where the interest is self-sustaining (see minutes of the June 2002 FED-EC meeting for additional information).

**10. ANS Public Policy Committee**

J. Stubbins

K. Schultz mentioned that the Fusion Public Policy statement needs to be reaffirmed as valid and that the description of the FED that appears on the ANS web site (<http://fed.ans.org/more.html>) is dated November 1995 and needs to be updated. J. Stubbins will follow up on both of these.

Additionally, K. Schultz has generated a revised statement of scope for FED as requested at the Park City meeting October 2000. There seemed to be some confusion, in that the Scope statement that appeared to be poorly written and prompted Kathy McCarthy's request for revision is in the written copy of the Professional Divisions manual, yet the version on the ANS Professional Divisions web site isn't bad. K. Schultz did not have the version from the printed manual. He reviewed the web version, found it pretty good, and made some relatively

minor suggestions for embellishment. K. McCarthy will look into whether the statement of scope should be written the way it existed before or whether K. Schultz's "embellished" version could be used instead. In either case, we will request that the web version be used and that it replace the version in the Professional Divisions manual.

**11. Report on candidates for next year's EC membership** K. McCarthy

K. McCarthy reported that the following FED members have agreed to be candidates for the following EC positions next year.

Chair: Wayne Meier (LLNL)

Vice-Chair: Mohamed Bourham (NCSU)  
Rene Raffray (UCSD)

Secretary/treasurer: Jake Blanchard (UW)  
Lee Cadwallader (INEEL)

Members: Ahmed Hassanein (ANL)  
Susana Reyes (LLNL)  
David Senor (PNL)  
Phil Sharpe (INEEL)  
Lance Snead (ORNL)  
Paul Wilson (UW)

A motion that the EC agrees with the list of candidates was proposed and approved.

**12. Status Report on the 15th Topical Meeting** R. Stoller

Roger Stoller (ORNL), Chair of the 15<sup>th</sup> Topical Meeting on the Technology of Fusion Energy, reported on the organization of the meeting which will be embedded in the November 2002 ANS National Meeting in Washington, D.C.

Drs. John Sethian (NRL) and Akira Kohyama (University of Kyoto) have agreed to serve as Vice Chairpersons of the meeting. Dr. Lance Snead (ORNL) will serve as the Program Committee Chair, and Drs Dai Kai Sze (UCSD) and Masahiro Seki (JAERI) as the Program Committee Vice Chairpersons.

The meeting will follow the format and outline of previous topical meetings but an emphasis will be made on exploring the interface between materials science and design activities, and to give more visibility to MFE/IFE issues.

The Atomic Energy Society of Japan has offered to co-sponsor the meeting.

R. Stoller indicated that sponsorship money will be required to help cover the costs of social events. He also raised the concern that it will cost \$6000 to use the electronic system offered by ANS for reviewing the papers. This amount of money will not be covered by the registration fees and will need to be raised

separately. It might be worthwhile to consider other possible ways to perform the review to avoid this expense.

In order for FED to receive income from ANS based on the number of papers presented at the 15<sup>th</sup> Topical meeting, FED should organize the equivalent of 3 sessions at the Nashville June 2002 meeting. There is clearly added motivation to do this to help raise income for FED as well as to help in covering expenses of the 15<sup>th</sup> Topical Meeting. K. McCarthy will follow up on this (see also item 3).

**13. Other business**

No other business was discussed.

**14. Adjournment**

The meeting was adjourned at 5 pm.

**ANS Fusion Energy Division  
Executive Committee Meeting  
November 11, 2001, 3-5pm (PST)  
Room Teton 2, Reno Hilton Hotel, Reno, Nevada**

**Agenda**

1. Call to order – J. Stubbins
2. Approval of minutes, June 2001 FED Executive Committee meeting (graciously recorded by L. Cadwallader) - R. Raffray
3. Report on Space Technologies and Applications Working Group – K. McCarthy
  - Possible joint session with the FED at the next ANS National Meeting in Reno, Nevada in November, 2001, or in Hollywood, Florida in June 2002.
4. Treasurer's Report – R. Raffray
5. Editorial Policy for Fusion Science and Technology – N. Uckan
6. Update on FED nomination for ANS Fellows - J. Stubbins, K. McCarthy and G. Kulcinski
7. ANS-FED endorsement of Snowmass 2002– J. Stubbins
8. Report on Newsletter – L. El-Guebaly
9. Update on ANS/FED Edward Teller Medal Awards and Endowment– B. Hogan
10. ANS Public Policy Committee – J. Stubbins
  - Need to rewrite the Fusion public policy statement
11. Report on candidates for next year's EC membership – K. McCarthy, J. Stubbins
12. Status Report on the 15th Topical Meeting – J. Stubbins, R. Stoller
  - Embedded in 2002 Winter ANS National Meeting in Washington D.C., November 4-7, 2002
  - General Chair and Technical Program Committee Chair
13. Other business
14. Adjournment