

# Penn State Nuclear Engineering Society Board Meeting Minutes

February 6, 2008

**Welcome, Member Roll Call, and Meeting Agenda Review** – Pat Loftus at 12:00PM. A quorum was achieved and business commenced. The Meeting Agenda is provided as Attachment 1.

Participants:

PSNES Officers:  
Pat Loftus, President  
Dick Gill, Acting VP  
Rick Etling, Secretary/Treasurer

Directors:  
Mark Lloyd  
Ed Klevans  
Jim Tusar  
Steve Routh  
Jeff Jeffries  
Rich Martin

Members:  
Ron Brown  
Fred Hepburn

Directors voting and contributing in advance via E-mail:  
Fred Sears  
Bill Naughton

## Old Business

1. **November 12, 2007 Meeting Minutes** - The November 12, 2007 telecon meeting minutes were approved and will be posted to the PSNES Website.
2. **Board Term Extensions** - The Board approved the extension of the terms for the following Board Members in accordance with the November 2007 PSNES Constitution amendments.

Jen Butler: 2005-2009  
Steve Routh: 2005-2009  
Ed Klevans: 2006-2009  
Bill Naughton: 2006-2009  
Doug Wood: 2006-2009

Richard Martin: 2007-2011  
Jeff Jeffries: 2007-2011  
Mark Lloyd: 2007-2011  
Jim Tusar: 2007-2011

3. **PSNES Undergraduate Student Awards** - The Board approved two new Society Undergraduate Student Awards. These awards are the PSNES Leadership and Service in Nuclear Engineering Award and the PSNES Excellence in Nuclear Engineering Award. Attachment 2 provides the descriptions for these 2 awards. Funding to support these awards is from gifts from private donors. Contributions have been secured to enable the Awards to be given in the 2008-2009 Academic Year.

4. **PSNES Website** - All members are encouraged to update their membership information and interests on the new Society Website. Members can also participate in a survey available on the PSNES webpage.
5. **PSNES Recognition Events** - Ed Klevans updated the Board on the status of the previously approved PSNES Recognition of Terry Flinchbaugh. It was decided to complete this activity during the April 2008 PSNES activities at Penn State. Action: Ed Klevans/Fred Sears to confirm logistics with Terry Flinchbaugh.

## **New Business**

1. **MNE Senior Recognition Banquet** - The initial MNE Senior Recognition Banquet will be held on February 18 in State College. All members are encouraged to participate and, if possible, help sponsor the event. Corporate Sponsors are also welcome. The Banquet is scheduled to coincide with the University Career Fair.
2. **2008 PSNES Annual Meeting & Reactor Tour** - The 2008 PSNES Annual Meeting is scheduled for Saturday, April 19, at Penn State from 8:00 AM – 10:45 AM followed at 11:00 AM by a one-hour reactor tour at the Radiation Science and Engineering Center (RSEC). The PSNES meeting is open to all PSNES Members and Friends and Family of the Nuclear Engineering Program. Pre-Registration for the RSEC tour is required due to address security requirements and to enable the RSEC to have ample tour guides. The Full Name of all individuals (including children) who intend to participate in the RSEC tour should be e-mailed to Pat Loftus by April 5, 2008.
3. **April PSNES Social Events at Penn State** - A Friday evening social event is planned on April 18<sup>th</sup> as well as a tailgate before the Blue-White game on April 19<sup>th</sup>. The social get together will most likely be held at a local State College restaurant and will be a pay if you attend event. Details will be provided via email and posted on the PSNES Website when available. Participation at these events is open to PSNES Members and Friends and Family of the Nuclear Engineering Program.
4. **Regional MNE & Alumni Networking Events** - All members are encouraged to seek opportunities for Jack Brenizer and Karen Thole to visit respective companies to further extent contacts with Program Graduates and to build mutually beneficial relationships.
5. **2008 Department, Program, & PSNES Priorities** - A roundtable discussion was held to brainstorm 2008 PSNES priorities to service the Program and PSNES Members.
  - **Undergraduate Student Awards Committee** – A committee is being formed to administer the awards for the 2008-2009 academic year. Ed Klevans, Ron Brown and Jim Tusar volunteered to be members of the Committee and will begin the process. Ed Klevans agreed to coordinate the activities and to work with Pat Loftus to formally establish the committee and its membership.
  - **2009 50<sup>th</sup> Anniversary of the Nuclear Engineering Program** - The Society will approach Jack Brenizer regarding our role in the year-long activities to celebrate the 50th Anniversary of the Nuclear Program. Action: Pat Loftus.

- **Gifts to Support PSNES Initiatives** - Gift funds for the 2008 Undergraduate Student Awards have been established. Recognition was given to Ron Brown for his gift in honor of former PSU NE Professor Al Jacobs. The Board will continue to discuss long term funding mechanisms to sustain the Recognition Program and Undergraduate Student Awards. Individual Members are encouraged to identify individual and company donors and make their interest known to the Program Chair.
- **Benchmark PSU Engineering Alumni Societies & Other University Nuclear Engineering Programs** - It was suggested that the Society might benchmark other Penn State alumni engineering societies and possibly other University Nuclear Engineering programs to assess our value addition to the Program and our members. Action: Rick Etling and Mark Lloyd will work with Jack Brenizer and be prepared to discuss at the April 19<sup>th</sup> Annual Meeting.
- **Student Seminars and Speaking Opportunities** - Discussion was held around the potential value of student seminars on such topics as business ethics, 3 Mile Island Lessons Learned, and Expectations, Opportunities & Challenges in Nuclear Power Careers. These could be given as either as a course seminar topic or as an agenda topic for a Student ANS meeting. Action: Jeff Jeffries, Ed Klevans, and Fred Hepburn to team together and be prepared to discuss at the April 2008 Annual Meeting.
- **Internship Opportunities**- Members discussed student internships as one of the important connections with the Program. College. All members are encouraged to identify internship opportunities and make those opportunities known to the Department and Program Chairs.
- **Communications** - Major Society activities will be communicated to the members via our regular email notices and via the PSNES Website. Action: Pat Loftus, Dick Gill and Rick Etling.

6. **News and Events** -The University Reactor leakage has been addressed and normal operations resumed in early December. There are no open regulatory considerations from the NRC. The Reactor Staff was recognized for a highly effective and safe approach toward resolution.

### Upcoming Events and Meetings

- 2/18/08 - MNE Senior Recognition Banquet (State College)
- 4/18/08 – PSNES Informal Social Event (Evening: State College)
- 4/19/08 – PSNES Annual Meeting (8:00 AM – 10:45 AM)
- 4/19/08 – Reactor/Radiation Science & Engineering Center Tour (11:00 AM – 12:00 noon)
- 4/19/08 - Blue-White Tailgate (12:00 noon-2:00 PM)

| **Adjourn – 1:00PM**

## ATTACHMENT 1

### PSNES MEETING (VIA TELECON) AGENDA February 6, 2008 12:00 Noon – 1:30 PM (US Eastern Time)

- 5 Min. Welcome and Member Roll Call – Pat Loftus
- 40 Min. Old Business – Pat Loftus
- Approval of November 12, 2007 Meeting Minutes
  - Vote on Board Member Term Extensions per 11/07 Constitution
    - Jen Butler: 2005-2009                      Richard Martin: 2007-2011
    - Steve Routh: 2005-2009                      Jeff Jeffries: 2007-2011
    - Ed Klevans: 2006-2009                      Mark Lloyd: 2007-2011
    - Bill Naughton: 2006-2009                      Jim Tusar: 2007-2011
    - Doug Wood: 2006-2009
  - Vote on Undergraduate Student Awards
    - PSNES Excellence in Nuclear Engineering Award
    - PSNES Leadership and Service in Nuclear Engineering Award
  - PSNES Website On-Line Registration & Contact Info Update
  - PSNES Recognition Update – Ed Klevans/Fred Sears
- 30 Min. New Business
- MNE Senior Recognition Banquet – Dick Gill/Pat Loftus
  - PSNES Annual Meeting & Social Events - All
  - 2008 -2009 PSNES Priorities and Focus Items - All
    - Financial Report: PSNES Gift Funds – Jack Brenizer
    - Department & Program Inputs
    - Nominations for PSNES Undergraduate Student Awards Committee
- 10 Min. Member/PSU News & Events Roundtable – All
- 5 Min. Upcoming Events and Meetings – Pat Loftus
- 2/18/08 - MNE Senior Recognition Banquet (State College)
  - 4/18/08 – PSNES Informal Social Event (Evening: State College)
  - 4/19/08 – PSNES Annual Meeting (8:00 AM – 10:45 AM)
  - 4/19/08 – Reactor Tour (11:00 AM – 12:00 noon)
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**ATTACHMENT 2 – PSNES UNDERGRADUATE STUDENT AWARDS**

**THE PENN STATE NUCLEAR ENGINEERING SOCIETY (PSNES)  
EXCELLENCE IN NUCLEAR ENGINEERING AWARD**

1. **NAME:** The name of this award shall be the “Penn State Nuclear Engineering Society Excellence in Nuclear Engineering Award” (hereinafter “the Award”).
2. **PURPOSE:** The purpose of the Award shall be to honor and recognize the undergraduate Nuclear Engineering student in the College of Engineering, The Pennsylvania State University (hereinafter “the University”), who, in the opinion of the Awards Selection Committee, has achieved the highest degree of excellence in the academic study of Nuclear Engineering.
3. **ELIGIBILITY:** Consideration for the Award shall be given to all undergraduate Nuclear Engineering students who have not previously received the Award and who, at the end of the Spring semester of the academic year, have completed their sixth or seventh semester coursework, and have satisfactorily completed at least the first twelve credits of Nuclear Engineering courses required for a Bachelor of Science Degree in Nuclear Engineering (including Concurrent Mechanical Engineering/Nuclear Engineering degree). A student who has completed less than six semesters or more than seven semesters may be considered for the Award only in the event that they have completed at least the first twelve credits of required Nuclear Engineering courses and have not progressed to Nuclear Engineering courses generally considered for the semester before graduation.
4. **SELECTION PROCEDURE:** The recipient of the Award shall be selected by an Awards Selection Committee appointed by the Nuclear Engineering Program Chair, who will serve as Chair of the Committee. A minimum of one member of the Board of the Penn State Nuclear Engineering Society (PSNES), in addition to the Program Chair, shall be on the Selection Committee. The Award shall be based on the following standards:
  - a. based upon the highest grade point average in Nuclear Engineering courses, as calculated after completion of the junior year Nuclear Engineering courses and prior to the completion of the Nuclear Engineering courses listed for the senior year;
  - b. in the event that more than one student meets the standards of subsection (a), the overall cumulative grade point average, as calculated by the University at the end of the junior year, shall be used to choose from among those students who meet the standards of subsection (a).
  - c. if more than one student meets the standards of subsections (a) and (b), then the Awards Selection Committee shall choose the recipient of the Award from among the students who meet the standards of subsections (a) and (b) . The Awards Selection Committee may, in extraordinary circumstances, choose co-recipients for the Award.

In all cases, the grade point average shall be based upon grades awarded to the student and recorded on the transcript. The Awards Selection Committee may, however, in applying the standards of subsection (c), consider additional information provided by a faculty member as to the quality of the student’s academic work in a course taken from the faculty member.
5. **FINALITY OF THE DECISION:** The decision of the Awards Selection Committee as to the recipient of the Award, and with respect to all aspects of the Award, shall be final.
6. **FORM OF THE AWARD:** The Award will be in the form of a framed certificate and a monetary consideration. The amount of the monetary consideration accompanying the Award may vary from year to year. The certificate and the accompanying monetary consideration shall be made annually provided that donor contributions are received to support them.
7. **AMENDMENT:** The Board of the PSNES shall have the authority to make changes to these guidelines, as necessary, to ensure the fulfillment of the above-stated objectives.

**THE PENN STATE NUCLEAR ENGINEERING SOCIETY (PSNES)  
LEADERSHIP AND SERVICE IN NUCLEAR ENGINEERING AWARD**

1. **NAME:** The name of this award shall be the “Penn State Nuclear Engineering Society Leadership and Service in Nuclear Engineering Award” (hereinafter “the Award”).
2. **PURPOSE:** The purpose of the Award shall be to honor and recognize the undergraduate Nuclear Engineering student in the College of Engineering, The Pennsylvania State University (hereinafter “the University”), who, in the opinion of the Awards Selection Committee, has achieved the highest degree of excellence in leadership and service in the field of Nuclear Engineering.
3. **ELIGIBILITY:** Consideration for the Award shall be given to all undergraduate Nuclear Engineering students (including ME/NE majors) who have not previously received the Award, and who, at the end of the Spring semester of the academic year, have completed their sixth or seventh semester coursework, including satisfactory completion of at least the first twelve credits of Nuclear Engineering courses required for a Bachelor of Science Degree in Nuclear Engineering (including Concurrent Mechanical Engineering/Nuclear Engineering degree). A student who has completed less than six semesters or more than seven semesters may be considered for the Award only in the event that they have completed at least the first twelve credits of required Nuclear Engineering courses and have not progressed to Nuclear Engineering courses generally considered for the semester before graduation.
4. **SELECTION PROCEDURE:** The recipient of the Award shall be selected by an Awards Selection Committee appointed by the Nuclear Engineering Program Chair, who will serve as Chair of the Committee. A minimum of one member of the Board of the Penn State Nuclear Engineering Society (PSNES), in addition to the Program Chair, shall be on the Selection Committee. In order to be selected as the recipient of the Award, a Nuclear Engineering student, in addition to meeting the above qualifications, must submit an application form and a letter of recommendation (sealed by the recommender) to the Awards Selection Committee by a date established by the Awards Selection Committee. Application and recommendation forms are available from the Nuclear Engineering Program office. A letter of recommendation may be written by any person other than the student seeking the Award. However, it is preferred that the letter of recommendation be written by someone with clear ties to the nuclear science and technology community, which includes individuals from laboratories, industry and education.  
  
The Awards Selection Committee may consider all facts known to them regarding the possible recipients of the Award. In making its decision, the Awards Selection Committee may request an interview with a potential recipient.
5. **FINALITY OF THE DECISION:** The decision of the Awards Selection Committee as to the recipient of the Award, and with respect to all aspects of the Award, shall be final.
6. **FORM OF THE AWARD:** The Award will be in the form of a framed certificate and a monetary consideration. The amount of the monetary consideration accompanying the Award may vary from year to year. The certificate and the accompanying monetary consideration shall be made annually provided that donor contributions are received to support them.
7. **AMENDMENT:** The Board of the PSNES shall have the authority to make changes to these guidelines, as necessary, to ensure the fulfillment of the above-stated objectives.