

  
**A G E N D A**  
**AMERICAN NUCLEAR SOCIETY**  
**2016 ANNUAL BUSINESS MEETING**  
Hyatt Regency New Orleans

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Wednesday, June 15, 2016  
5:45 pm – 7:00 pm  
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| <b>1. Call to Order</b><br>a. Confirmation of Quorum (by proxy)  | <i>G. Grecheck</i>                                       |
| <b>2. Administrative Business</b><br>a. Approval of Agenda<br>b. Approval of June 2015 Annual Business Meeting Minutes | <i>G. Grecheck</i>                                       |
| <b>3. Election of New Vice President/President-Elect and Board Members</b>   | <i>M. Brady Raap</i>                                     |
| <b>4. Reports</b><br>a. President's Report<br>b. Vice President/President-Elect's Report<br>c. Treasurer's Report      | <i>G. Grecheck</i><br><i>A. Klein</i><br><i>S. Arndt</i> |
| <b>5. Election Results</b>   | <i>G. Grecheck</i>                                       |
| <b>6. Member Questions and Comments</b>  |  |
| <b>7. Other Business</b>   |  |
| <b>8. Adjournment</b>  |  |

**2016 Election Proxy – Vote Report for Annual Business Meeting  
Proxy Analysis**

Number of proxies (voting members) sent out: 8,416 (same as number of ballots)

Number necessary for a quorum (10% of above): 841

	Total April 12, 2016
Number of <b>valid</b> proxies received	1,327
Number of <b>invalid</b> proxies (not completed / unexercised)	359

## 2016 Proxy Analysis

Total valid proxies received .....	1,327
Officer Proxies .....	1,304
Other (self-assigned or assigned other proxy than ANS Officers) .....	23
Invalid proxies (not completed / unexercised).....	359
Total proxies .....	1,686



# American Nuclear Society

Annual Business Meeting  
 Grand Hyatt – San Antonio, Texas  
 Lone Star C Room

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**Wednesday, June 10, 2015**

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## **Members Present**

Michael C. Brady Raap (President), Eugene S. Grecheck (Vice President/President-Elect), Donald R. Hoffman (Immediate Past President), Margaret E. Harding (Treasurer), Robert C. Fine (Executive Director), Todd Allen, Steven A. Arndt, Elliott Biondo, Samuel O. Brinton, Peter Caracappa, Lane Carasik, Heather J. M. Chichester, Dorothy R. Davidson, Paul Dickman, Harold Lee Dodds, Vincent Esposito, Katherin Goluoglu, Angelina S. Howard, Darby S. Kimball, Kalin R. Kiesling, W. David Pointer, Santiago San Antonio, Jorge Spitalnik, Stephen P. Schultz, Sandra M. Sloan, Jan Van Erp

## **Others Present**

Diane Cianflone, Ed Du Temple, Staci Levy, Tracy Marc, Tari Marshall, Valerie Vasilievas

The meeting was called to order at 5:49 pm by President Michael C. Brady Raap. A quorum was confirmed.

Brady Raap announced that the official 2015 election of new officers and board members will take place at this time and gave instructions to the members. The members who have not voted in the proxy election are available and encouraged to complete a ballot. Brady Raap gave a 15-minute time limit for voting and then went on to conduct further meeting business.

## **1. Approval of 2015 Annual Business Meeting Agenda**

To approve the 2015 Annual Business Meeting Agenda.

Motion: Angelina S. Howard  
 Second: Stephen P. Schultz  
 Vote: Unanimously approved

## **2. Approval of June 18, 2014 Annual Business Meeting Minutes**

To approve the minutes from the June 18, 2014 Annual Business Meeting in Reno, Nevada.

Motion: Santiago San Antonio  
 Second: Sandra M. Sloan  
 Vote: Unanimously approved

**3. President’s Report – Michaele C. Brady Raap**

Brady Raap highlighted her activities and travel since November 2014 as indicated under Agenda Item #2.c of the agenda materials. She noted one item in particular during her visits to local sections that support and communication of our local sections are an issue that needs to be addressed. There is a disconnect between the local sections and membership overall. Local sections are often engaged in activities that the membership is unaware of, which in turn is a communication issue. She made a suggestion to Executive Director Fine that perhaps ANS headquarters staff can step in to assist with the issue of the communication of local section activities to the membership and to engage the local sections more with communication to the membership.

**4. Vice President / President-Elect’s Report – Eugene S. Grecheck**

Grecheck provided a brief overview of his activities as indicated in Agenda Item #2.d of the agenda materials. He stated that there is currently a challenge with membership. Each member needs to go out and encourage members to renew and new members to join ANS. A brief discussion then took place between the members in regards to membership issues.

**5. Close of Election – Michaele C. Brady Raap**

Brady Raap at this time made a motion to close the election poll.

To close the 2015 election.

Motion: Stephen P. Schultz

Second: Sandra M. Sloan

Vote: Unanimously approved

**6. Treasurer’s Report – Margaret E. Harding**

Harding provided a Treasurer’s Report and audit report dated June 2015 as indicated under Agenda Item #2.e of the agenda materials. She noted that this report was presented at the Board of Directors meeting which took place prior to this meeting.

**7. Member Comments and Questions**

Society Member Jan Van Erp expressed the following Society concerns with the Executive Committee and meeting attendees:

1. The Annual Business Meeting agenda is not distributed early enough for members to view. He suggested the agenda should be made available to the membership on the website prior to the meeting date.
2. Time change suggestion of either Monday or Tuesday for scheduling the Annual Business Meeting to accommodate the members to achieve more attendance.
3. Money spent on public information – try to leverage input to other societies (i.e., IEEE).
4. COP21 2015 meeting in Paris this December – perhaps we can post suggestion input for the meeting on the website.

Brady Raap addressed Van Erp's comments in the order they were received:

1. In the future the agenda will be posted on the ANS website approximately one – two weeks prior to the Annual Business Meeting date.
2. Time change of the Annual Business Meeting was considered; however, the Board of Directors needs to approve the audit report prior to Annual Business meeting.
3. We are coordinating with NAYGN to move forward on the public information front. We are in collaboration with the Health Physics Society on low dose information. We are also trying to leverage the Center for Nuclear Science and Technology Information (CNSTI) with the utilities. We will continue to leverage as best as we can.
4. Brief discussion took place among the members regarding COP21. All were in agreeance that this was an important item to endeavor in. Further discussion will be taking place on this topic.

**8. 2015 National Election Results – Donald R. Hoffman**

Immediate Past President Hoffman reported the official results of the national election for 2015. The newly elected officers and board members are as follows:

Vice President/President-Elect  
Treasurer

Andrew C. Klein  
Steven A. Arndt

Board of Directors:  
Todd Allen  
Carol L. Berrigan  
Dorothy R. Davidson  
William R. Martin  
Kune Y. Suh (non-US)  
Kalin R. Kiesling (Student Director)

Hoffman then asked for a motion to approve the 2015 national election results.

To approve the 2015 National Election results.

Motion: Angelina S. Howard  
Second: Todd Allen  
Vote: Unanimously approved

**9. New Business**

There was no new business to conduct.

**10. Adjournment**

There being no further business to conduct, that the meeting be adjourned at 6:44 pm.

Motion: Angelina S. Howard

Second: Sandra M. Sloan

Vote: Unanimously approved

There being no further business, the meeting was adjourned at 6:44 pm.

**Eugene S. Grecheck**  
**President**  
**American Nuclear Society**  
**Report to the Board of Directors and Membership**  
**2016 Annual Meeting**  
**New Orleans, LA**  
**June 2016**

The past year has been an eventful one for the nuclear industry and the American Nuclear Society. Consistent with our theme this year “The World Needs Nuclear and Nuclear Needs ANS,” much of my attention has been devoted to communicating to many diverse audiences the necessity of nuclear power in meeting the world’s growing energy needs in an environmentally responsible manner.

Building upon the formation of Nuclear for Climate in the spring of 2015, with what eventually became some 150 international organizations, ANS took a leadership role in communicating the nuclear message at the December 2015 COP-21 conference in Paris. Along with ANS Communications and Outreach Director Tari Marshall, I met delegates and other conference attendees at both of the Nuclear for Climate exhibits (one in the delegate area and the other in the commercial solutions exhibition.) During the conference, I participated in a high level panel sponsored by US DOE, including statements by the Secretary of Energy and the President’s Science Advisor, as well as several advanced nuclear technology organizations. Our primary goal was to ensure that any international agreements coming out of the COP 21 process would not include the prohibitions on using nuclear as a carbon control strategy, which had been part of the international climate structure for over 15 years. In this, we were successful. Overall, the lack of open discussion of nuclear in the official discussions was disappointing, but the nuclear message was very well communicated by various non-governmental organizations, including ANS, and we believe the stage has been set for further progress.

On the US domestic front, the immediate situation is not as optimistic. Economic pressures are causing several US nuclear operating



companies to announce planned or considered premature nuclear plant closures. Our Special Committee on Nuclear in the States has been instrumental in identifying various tools and strategies that states can use to save their existing nuclear units, or to develop compliance plans for the Clean Power Plan. The economic situation in the various states is complex and it is not at all certain what the results will be.

The current US administration has been publicly supportive of nuclear in the last several months. ANS was invited to participate in a White House Summit on advanced nuclear in November. At that meeting, the GAIN initiative with the national laboratories was announced, and we have been discussing with DOE and the labs how ANS can best help with advanced nuclear development. More recently, in May, I was asked to moderate a panel at a DOE Summit on the economics of currently operating nuclear plants. With the ANS Special Committee Toolkit as a reference, our panel explored what states could do. DOE is expected to release the minutes and results of this meeting this summer.

This year, we reinforced or developed our relationships with other nuclear entities in the US, including NEI, DOE and NRC. We worked to add language in pending legislation that directs NRC to expand the use of consensus standards in the development of regulatory standards for advanced reactors, and our Standards organization is seeking opportunities to aid in this important effort. We are also exploring public education initiatives we could conduct with NEI. We coordinated our state initiatives with NEI to avoid mixed messages.

Overall, we made substantial progress in raising the visibility of ANS in the public discussions of nuclear, and reinforcing our stature as the pre-eminent professional society in this area. An ongoing challenge will be to seek out ways to continue and expand these efforts in the face of significant budget pressures.

We have discussed in the past the need to identify the changing needs of our present and potential members, and providing products and opportunities to meet those needs. A major step forward in this regard has been the adoption of policies on Diversity and Respectful Behavior. It is important for all of our members and participants in our activities to experience a welcoming and inclusive environment.

I represented ANS at the following external meetings and conferences during the year:

September 2015	-IAEA General Conference -Nuclear for Climate Planning Meeting	Vienna, Austria
	-Kennewick Rotary*	Kennewick, WA
November 2015	-White House Summit on Advanced Nuclear	Washington, DC
December 2015	-COP-21*	Paris, France
January 2016	-Third Way Advanced Nuclear Summit	Washington, DC
March 2016	-NRC Regulatory Information Conference	Rockville, MD
April 2016	-Pacific Basin Nuclear Conf* -ICAPP 2016*	Beijing, China San Francisco, CA
	-VCU Eng. Dept. 20 <sup>th</sup> anniv.*	Richmond, VA
May 2016	-NEA/NAYGN* -DOE Summit on Economics of existing reactors*	Miami, FL Washington, DC

\*speaker/chair/moderator role

In addition, I participated in the following ANS Division, local section or student activities during my presidential term:

July 2015	-Nuclear Engineering Student Delegation dinner	Washington, DC
	-VA Science Teachers Workshop, VA local section	Richmond, VA
August 2105	-Utility Working Conference	Amelia Island, FL
	-Eastern WA local section	Richland, WA
October 2015	-BYU Student Section Charter Presentation	Provo, UT
	-Univ of Utah Student Sec	Salt Lake City, UT

January 2016	-Florida Intl Univ Student Section Charter Pres.	Miami, FL
February 2016	-Wilmington NC local sec -Piedmont Carolinas local section	Wilmington, NC  Charlotte, NC
March 2016	-Long Island Local Section -NE NY local section -ANS Student Conference	Brookhaven, NY Schenectady, NY Madison, WI
April 2016	-Univ of Illinois TRIGA Reactor National Historic Landmark ceremony and Student meetings	Champlain, IL
May 2016	-DC local section and NRC Commissioner visits	Rockville, MD

**Andrew C. Klein, Vice President/President Elect, ANS**  
**Vice President's Report to the ANS Board of Directors**  
**2016 Annual Meeting**  
**Date of Report – June 1, 2016**

Since the Winter Meeting in November 2015, I have been involved in a variety of activities for the Society. Some of the highlights are as follows:

- I represented ANS at the Council of Scientific Society Presidents meeting at the American Chemical Society in Washington, DC in December 2015
- I represented ANS at the NRC's Regulatory Information Conference meeting in Washington, DC in March 2016.
- I represented ANS during visits to Capitol Hill during visits to Washington, DC in December 2015, March 2016, April 2016 and May 2016.
- I represented ANS at a strategy meeting on how to save US nuclear plants that was organized by Environmental Progress-Illinois and held in Chicago, IL in April 2016.
- At the request of President Grecheck and Executive Director Fine, established a Special Committee on the Future of ANS to take a high level look at the Society and our organization. This Special Committee has completed its review in May 2016. A report with recommendations to the Board will be presented at the 2016 Annual Meeting in New Orleans.
- I spoke to the Trinity Local Section at the National Museum of Nuclear Science & History in April 2016.
- I represented ANS at the National Academy of Engineering-American Association of Engineering Societies (AAES) Convocation of the Professional Engineering Societies and at the AAES Engineering Public Policy Symposium held in Washington DC in April 2016.
- I visited ANS Headquarters in La Grange Park, IL in May 2016 to better understand our operations and to meet with ANS staff.
- Along with President Grecheck, we visited with NRC Commissioners Ostendorff, Svinicki and Baren at NRC Headquarters in May 2016. Among the items discussed were ANS role in standards development, the value of standards in regulatory proceedings, and other items of interest to the Commissioners.

- Along with President Grecheck, I spoke to the District of Columbia Local Section at NRC Headquarters in May 2016.
- I spoke to the Virginia Local Section at the Dominion Innsbrook Technical Center in Richmond, VA in May 2016.

**American Nuclear Society  
2016 Annual Business Meeting Treasurer's Report**

New York law requires the ANS Board of Directors to issue a business report at the Society's annual meeting of members. The report must be verified by the ANS President and Treasurer, or by a majority of the Board of Directors, or by an Independent Certified Public Accountant, or Public Accountant, or by a firm of such accountants selected by the Board of Directors. This is the required report.

American Nuclear Society financial statements and supplemental schedules for the years ended December 31, 2015 and 2014 were audited by Marcum LLP (formerly Frost Ruttenberg & Rothblatt PC, CPAs & Business Advisors).

**Part 1 - Assets & Liabilities for the year ended December 31, 2015:**

Assets	\$21,702,459
Liabilities	\$5,203,993

**Part 2 - Change in Assets & Liabilities and Fund Balance for year ended December 31, 2015:**

<u>Assets</u>	<u>12/31/15</u>	<u>12/31/14</u>	<u>Change</u>
Cash & Investments	\$19,660,756	\$20,858,764	(\$1,198,008)
Accounts Receivable	483,638	528,276	(44,638)
Pledges Receivable	-	352,500	(352,500)
Property and Electronic Data	1,121,255	564,365	556,890
Deferred Project Costs	187,122	457,848	(270,726)
Other Assets	249,688	241,229	8,459
Total Assets	\$21,702,459	\$23,002,982	(\$1,300,523)

<u>Liabilities</u>	<u>12/31/15</u>	<u>12/31/14</u>	<u>Change</u>
Accounts Payable	\$718,117	\$672,576	\$45,541
Deferred Revenue	1,845,542	2,318,965	(473,423)
Accrued Postretirement Benefits	2,640,334	3,382,528	(742,194)
Total Liabilities	\$5,203,993	\$6,374,069	(\$1,170,076)

<b>Fund Balance</b>	<b><u>12/31/15</u></b>	<b><u>12/31/14</u></b>	<b><u>Change</u></b>
Fund Balance– Unrestricted	\$11,237,616	\$11,066,273	\$171,343
Fund Balance – Restricted	5,260,850	5,562,640	(301,790)
Total Fund Balance	\$16,498,466	\$16,628,913	(\$130,447)

<b><u>Total Liabilities and Fund Balance</u></b>	<b><u>12/31/15</u></b>	<b><u>12/31/14</u></b>	<b><u>Change</u></b>
Liabilities and Fund Balance	\$21,702,459	\$23,002,982	(\$1,300,523)

**Part 3 – Revenue & Expenses for year ended December 31, 2015:**

Revenues - Unrestricted \$10,613,993

(Refer to Audit Report page 4, 2015 Total Unrestricted Revenues Column. Includes \$510,508 funds released from restrictions – Scholarship & Award Fund Contributions: \$132,585 and Center for Nuclear Science & Technology: \$377,923).

Revenues - Restricted (\$289,549)

(Refer to Audit Report page 4, 2015 Total Temporarily Restricted Revenues Column, Scholarship and Award Fund Contributions: \$128,847 less funds released from restriction: \$132,585 and Contribution Income – Center for Nuclear Science & Technology: \$92,112 less funds released from restriction: \$377,923).

**Part 4 – Expenses – Unrestricted \$11,025,584**

(Refer to Audit Report page 4, Total Expenses include expenses for Scholarship and Awards: \$132,585 and Center for Nuclear Science & Technology: \$377,923).

**Part 5 – Membership Information for the year ended December 31, 2015:**

The Society has a total of 10,481 members as of December 31, 2015. This represents a net increase of 16 members since the end of 2014. The names and residences of the current members are on record at the American Nuclear Society, 555 North Kensington Avenue, La Grange Park, Illinois 60526, U. S. A.