**Minutes for ANS-NE EC meeting**

**4:30 pm Dec. 17, 2018**

**Conference Call**

**Attendees:**

S. Aghara, J. Balayan, R. Capstick, D. Kapitz, J. Nuechterlein, C. Roy, S. Stamm, D. Martin, J. Pappas, B. Kalantari, B. Campbell (joined at end of call)

**Discussion Summary:**

1. **Quorum Declared**
2. **Minutes Approved:** Unanimous approval of previous EC meeting (11/18/18) minutes
3. **Chair Report (S.Aghara)**
	1. Additional Expenditures (Assignment of responsibilities)
		1. Speaker Awards, ACTION: S. Aghara will be responsible for crystal and send out three options for vote.
		2. Student Conference Funding Procedure, ACTION: working committee of three people: J.Nuechterlein, C.Roy and J.Balayan will drafta procedure.
		3. ANS School materials available at no cost, ACTION: S.Stamm to follow up
	2. Low cost membership pins and criteria – It was agreed that the pins would be given to paid members and students that attended 2 meetings in the first year after they were purchased.ACTION: S.Stamm to purchase PINs.Articles of Incorporation: ACTION: D.Kapitz and S.Stamm to review posted Articles.Student project mentors (status, ANSNE visibility), ACTION: S.Aghara to issue plan and invitation letter for next fall.
4. **Treasurers Report** (FY 2018 Summary) - unanimously approved report
5. ACTION: Open an account with Fidelity (or equivalent) purchase short and medium CDs. ( J.Pappas)
6. **Secretary’s Report** (C.Roy), nothing new
7. **Committee Reports/ Discussion**
	1. Membership/Program Committee reports (Stamm) (Attachment A)
		1. January Speaker, January 31, 2019: Dr. Lin-wen Hu, MIT Nuclear Reactor Laboratory
		2. February 21st meeting, plan to have a separate EC call either before or after February 21st. ACTION: S.Stamm
		3. April 25: Joe Donahue Duke plus Seabrook Tour (confirmation needed)
		4. Meeting at WPI/ Millennial Nuclear Caucus (DOE Sponsored)
		5. Lincoln Lab, do not have spots for speakers this year so holding off
		6. NECA (Northeast Energy & Commerce Assoc) cross reference website links added to NECA and ANSNE sites.
	2. Outreach activities report (Kapitz)
		1. ANSNE Presentation : Introduction to nuclear, ACTION: D.Kapitz to add more about nuclear science, potential topics include cancer treatment, nuclear waste treatment
		2. Schedule for Burlington Presentation, ACTION: C.Roy to follow up in the new year
		3. Others contacted
8. **Open Action Items Status** (Attachment B)– (All)
9. **Activity Calendar near term required open actions and status:**

**January**

* Appoint Nominating Committee (Done: Stamm & Boakye)
* Obtain NE regional Directory from ANS Headquarters and assess for new ANS NE members (Bi-annually) – ***Membership Chair***
* Update membership list and send copy to ANS Headquarters (full mailing list with members identified; should not identify officers) (Bi-annually) – ***Membership Chair/Secretary***
1. **New Business - None**
2. **Next EC meeting: January 31 at SGH**
3. **Adjoin**

**ATTACHMENT A**

Executive Meeting Report Membership & Program Report 11/15/2018

**Membership Committee:**

Stats:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **10/23/14** | **6/17/15** | **1/20/16** | **1/25/17** | **5/15/17** | **1/21/18** | **5/16/18** | **7/8/18** | **9/10/18** | **10/18/18** | **11/15/18** | **12/16/18** |  |
| Website Hits | 6117 | 71185 | 7770 | 18465 | 10085 | 101852 | NA | 274 | 7670 | 11217 | 13900 | 16321 |  |
| Email List Size | 5185 | 703 | 704 | 723 | 746 | 748 | 751 | 754 | 753 | 748 | 754 | 754 |  |
| Section Members |  | 50 | 218 | 27 | 41 | 27 | 36 | NA | NA | 20 | 20 | 22 |  |
| LinkedIn Group Size | 64 | 83 | 188 | 125 | 126 | 134 | 1318 | 142 | 142 | 144 | 145 | 145 |  |
| LinkedIn invites sent | 3 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 1 | 8 | 2 | 0 |  |
| Linkedin Posts |  | 5 | 118 | 12 | 2 | 13 | 13 | 6 | 8 | 7 | 6 | 4 |  |

**Program Committee: Preliminary Meeting Schedule 2018/19**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Preliminary Dates** | **TOPIC / SPEAKER** | **SPEAKER STATUS** | **LOCATION** | **ANSNE COORD.** |
| Sept. 13 | Social Function / Section Meeting-  | Confirmed | Copper Hse Tavern, Waltham | J.Nuechterlein |
| Oct. 18 | “Make Nuclear Cool Again”. Bradley Williams, Senior Advisor, Office of Nuclear Energy, DOE | Confirmed | EPM | R. Kalantari |
| Nov. 15 | Nuclear Movie: Manhattan Project or Countdown to Zero; | Confirmed | UML-Olsen Hall Rm 102 | S.Aghara/ J.Nuechterlein |
| Jan 31 | January 31, 2019: Dr. Lin-wen Hu, PhD, PE: Director, Research and Services; MIT Nuclear Reactor Laboratory | Confirmed | SGH | S.Stamm |
| Feb 21 | "Transportation of High-Level Radioactive Waste and Spent Nuclear Fuel in the Northeast" (John Giarrusso, MEMA Nuclear Section Chief & Uldis Vanags, Project Dir. Council of State Gov Eastern Regional Conf.) | Yes | MEMA Bunker Framingham | R. Capstick |
| Mar 19 or 21 | John F. Kotek, NEIVice President, Policy Development and Public Affairs | Confirmed | EPM  | G.Brown/ R.Capstick |
| Apr 25 | Seabrook Meeting & Tour (Joe Donahue, Duke)  | Tentative | Seabrook | S.AgharaS.Stamm |
| May 14-16 | Speaker TBD/ Annual Section Meeting (BBQ?) | Tentative | UML | S.Aghara |

Proposed Speakers / Topics: (Those that EC Members voiced support for during the EC meeting are in BOLD)

|  |  |
| --- | --- |
| 1. **Energy Comm. View Points (Congressman Joe Kennedy) (R.Capstick)**
2. **“ThorCon” Prof. Robert Hargraves**
3. Dr. Farshid Shahrokhi, Framatome Inc., Chair of the NEI HTGR Technology Working Group
4. Mike O’Connell, CDI-Decom, Decommissioning Model
5. Dr. Edwin Lyman, Senior Scientist, Union of Concerned Scientists
6. Nick Irvin, Southern Company Services, NEI Molten Salt Reactor Technology Working Group
7. Dr. Rita Baranwal, Idaho National Laboratory, Director of the Gateway for Accelerated Tech. Dev.
8. Richard Lester, MIT on Circumventing Nuclear Roadblocks
9. High Level Waste Storage (DOE, MIT or Holtec)
10. Fusion/Fission (Ed, E.pheil@elysium-v.com518-488-7786)
 | 1. Tour of MIT or UML Rx
2. Radiation: The Facts ”Prof. Robert Hargraves
3. **Advanced Rad Detection Approach using Carbon Nanotubes, Nikin Tharan**
4. How should the nuclear industry get its environment friendly message out (Northeastern Professor Matthew Nisbet) (R.Kalantari)
5. Results of Study on Radon Induced Lung cancer (Joel Popkin (MD at St Vincent's Worcester) and Don Nelson (retired physics professor at WPI) (D.Kapitz)
6. Deep Isolation project for nuclear waste (R.Capstick)
 |

**ATTACHMENT B**

OPEN & RECENTLY CLOSED ANS-NE ACTION ITEMS

| **Action ID****Mtg date(M/Y- #)-** | **Description** | **Responsibility** | Closed(X) | **Comments** |
| --- | --- | --- | --- | --- |
| 12/15-01 | Crystal Speaker Awards: send out three options for vote. | S.Aghara |  |  |
| 12/15-02 | Prepare draft Student Conference Funding Procedure | J.Nuechterlein, C.Roy and J.Balayan |  |  |
| 12/15-03 | Check with ANS if School materials available at no cost | S.Stamm |  |  |
| 12/15-04 | Purchase low cost membership pins | S.Stamm |  |  |
| 12/15-05 | Review MA posted ANSNE Articles of Incorporation and recommend any changes needed. | D.KapitzS.Stamm |  |  |
| 12/15-06 | Issue plan and invitation letter(s) to support start of program in Fall 2019. | S.Aghara |  |  |
| 12/15-07 | Open an account with Fidelity (or equivalent) purchase short and medium CDs | J.Pappas |  |  |
| 12/15-08 | Schedule a separate EC conference call either before or after February 21st dinner meeting. | S.Stamm |  |  |
| 12/15-09 | Confirm that Joe Donahue, Duke is able to make his presentation at Seabrook  | S.Aghara |  | Confirmation needed in early January. |
| 12/15-10 | Add more about nuclear science, including cancer treatment, nuclear waste treatment, etc. | D.Kapitz |  |  |
| 12/15-11 | Schedule Burlington school presentation | C.Roy |  |  |
| 11/18-01 | Coordinate speaker from Brookhaven for Fall2020 meeting | S.Aghara |  |  |
| 11/18-02 | Set up Fidelity account | J.Pappas |  |  |
| 11/18-03 | Survey which speaker gifts to order | S.Stamm | X |  |
| 11/18-04 | Develop Nuclear presentation for Burlington High School | D.Kapitz, R.Kalantari, C.Roy | X |  |
| 9/18-07 | Issue October EC and Section Minutes. | C.Roy | X |  |
| 9/18-04 | Further investigate potential for WPI meeting in spring or next fall | S.Stamm |  | Spoke with D. Medich. No progress on Millennial meeting to date. |
| 9/18-05 | Coordinate arrangements with R.Kalantari as a speaker and contact with Burlington teacher | C.Roy |  |  |
| 9/18-06 | Contact Westboro/Waltham schools for outreach program | D. Kapitz |  |  |
| 9/18-07 | Issue September EC and Section Minutes. | C.Roy | X |  |
| 7/18-04 | If agreed by speaker contact local news sources to advertise October meeting. | D.Kapitz, C.Roy,  | X |  |
| 5/18-14 | File Certificate of Change of Directors with secretary of state. | Secretary | X |  |
| 5/18-05 | Work to reschedule a Seabrook tour. | A.Aghara/ S.Stamm |  | Seabrook ok for April 25.  |
| 5/18-01 | Nominate ANSNE Committee Chairs for 2018-19 (Stamm/ Bob/ ) | S.Aghara | X | Stamm/Boakye selected |
| 1/18-08 | Assess ANSNE participation and develop plan for Boy Scout Merit Badge in March with UML | D.Kapitz |  | Ongoing discussion with U of Tenn |
| 9/2017-07 | Design Team Mentor – B.Currier and S. Aghara to propose options | S.Aghara | X | Student Projects set up with selected mentors.Honorarium agreed upon. |
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