



President's Letter



First of all, I would like to thank Josh Lund for his dedication and leadership over the last two years as SENH President. I hope to “carry the torch” and continue serving SENH with clear vision and focus moving forward over this upcoming year to further benefit our members, as well as Structural Engineers throughout the state.

While the members of the Board of Directors (BOD) have not changed, our roles have been reorganized as follows:

- Adam Stockin, PE – President
- Tom French, PE – Vice President
- Bob Champagne, PE, LEED – Treasurer
- Chris Fournier, PE – Secretary
- Josh Lund, PE, SECB – Director at Large

As we continue to move forward as a group, I am extremely encouraged by the progress we have made over the last year and by the common vision that we share moving forward. While we do have our share of fun; whether it be pizza, boating or basketball, we also share the goal of not relying on the status quo. We truly want to grow and strengthen this group.

Our industry is constantly changing and evolving due to code changes, catastrophic events, and technology. SENH can offer educational and professional support to help us all not only to stay ahead, but set the new standards. Here are a few ways that we are currently striving to accomplish this goal:

- Josif Bicja, the Professional Development Committee Chair, has been doing a great job bringing in speakers and setting up venues for our bi-monthly meetings. Stay tuned for some great training opportunities in the New Year too!
- The Code Advisory Committee has been meeting regularly to discuss and propose regional and national code modifications.
- Bob Durfee and Alex Azodi have been very active in the National Chapter of NCSEA and have done a great job advocating for New Hampshire and bringing invaluable information back to our group.
- Bob Durfee and Sean James are spearheading an internal nominating committee to ensure that we have a representative engineer for both the NH Engineer of the Year award and the NH Young Engineer of the Year award. There are so many wonderfully qualified engineers in SENH and this will give us a great opportunity to be well represented for these awards.
- The Young Members Group, headed up by Chris Fournier, is ready to move into the next phase. As this program kicked off this year with baseball and networking, SENH plans to give Young Engineer’s a unique environment to connect with mentors and peers. This is a great opportunity that I encourage both young and “seasoned” engineers to take part in.

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Special Points of Interest/ Reminders:

- *The next meeting is November 18th. See inside for details.*

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I truly am excited for all of these on-going programs in SENH. Please see updates included in this newsletter. My hope is that many of you will jump in on one of these endeavors, or talk to the Board about a new idea. These ideas become realities as members get behind them and support the current chairs so they have sustaining power. Without support, these great ideas will quickly fade.

Thank you again to all that currently volunteer! If you are interested in becoming more involved or have any questions or concerns, feel free to contact me at president@senh.org or (603) 647-2012.



Request for Feedback for an Upcoming Seminar

SENH is working in conjunction with other New England organizations to sponsor a nationally recognized expert in structural code provisions to give a detailed full-day seminar on the Wind and Seismic Provisions of ASCE 7-10. A range of dates has tentatively been established between April 7th and April 15th. We are trying to determine the best location to draw practitioners from Maine, New Hampshire, and Massachusetts. We are considering four locations: Portland, ME, Portsmouth, NH, Lowell, MA, and the Kostas Research Center in Burlington, MA. We would like to gauge SENH members' interest in the topic, and determine whether any of those potential seminar locations would essentially be a "deal breaker" as far as your attendance is concerned.

Please direct feedback to Peter Griem at peter@summitengineeringinc.com and thank you in advance for helping us to bring you the best programs possible.

SENH Code Advisory Committee

The NCSEA Code Advisory Committee, General Engineering Subcommittee report:

The latest meeting of this sub-committee took place last month in New Orleans at the annual conference. This sub-committee reviews matters relating to general engineering not covered by the other sub-committees. Members of this sub-committee and representatives from some of the related industries attended a meeting during this conference. The main topic of this meeting was planning for the 2018 IBC & IRC code development hearings (changes to 2015 codes) and to assign tasks to various members of the sub-committee in preparation for the hearing. Several potential code change proposals were also discussed during this meeting ranging from "deletion of chapter 16 to 18" to "special loads" in chapter 16. Earlier this year, the committee also met in June in Minneapolis, MN to review and discuss the results of last September ICC final action hearing on 2015 IBC & IRC. Since the ICC hearing for structural changes is pushed back to the January of 2016 the pressing issue for this sub-committee is to focus on the subjects considered in the January 2015 ICC hearing which at this time is only the issue of "Firewalls". At this time this sub-committee is looking for the followings:

1. For the 2015 ICC hearing: any questions or comments from the members regarding "firewalls" as soon as possible to be discussed in the next subcommittee meeting by November 2014.
2. For the 2016 ICC hearing: What 3 things would you change in the IBC (other than the 3 year cycle)
3. For the 2016 ICC hearing: Any comments, issues, or code change proposals in addition to the ones in item 2 above.
4. This sub-committee is expanding and looking for additional members with interest or experience in IRC. This is an exciting and rewarding experience.

Alex Azodi is a member of this Sub-Committee. Please contact him regarding any of the items noted above at alex-omega@tds.net.

SENH NOVEMBER MEETING ANNOUNCEMENT

- NEXT MEETING:** Tuesday, November 18, 2014
- PRESENTATION:** **What's New with Simpson Strong-Tie Products, Critical Connections, Code Compliance and Solutions** by, **Stephen Noon** of *Simpson Strong-Tie*.
- SPEAKER:** Stephen Noon, Simpson Strong-Tie Northern New England Representative.
- PLACE:** Sheraton Portsmouth Harborside Hotel
250 Market St.
Portsmouth, NH 03801
(603) 431-2300
- DIRECTIONS:** Take I-95 to Exit 7. Turn right off the exit and proceed for approximately ½ mile. Bear right at blinking light and the hotel entrance is approximately 50 yards on left. Parking is on the right through gate. Validation parking tickets will be provided at no cost to all attendees.
- AGENDA:** 5:30 pm-6:30 pm Registration/Social Hour
6:30 pm-7:15 pm Dinner
7:15 pm-7.30 pm Business Meeting
7:30 pm-8:30 pm Presentation
- DINNER:** Buffet with choice of Sesame Seared Salmon with a Thai Chili Sauce or Pecan Crusted Pork Loin with Maple Dijon Glaze.
- COST:** SENH Member: \$50.00 Non-Member: \$55.00 Full Time Student: \$15.00 - 'no-shows' will be billed at full amount.
- RSVP:** by Thursday, November 13, 2014. There will be a \$5.00 late fee for anyone wishing to RSVP past this date.
- Please send check payable to "Structural Engineers of New Hampshire" with list of attendees to:
- Hoyle, Tanner & Associates, Inc.
Attn. Deb Coon
150 Dow Street
Manchester, NH 03101
Contact: Deb Coon, Administrative Assistant
dcoon@hoyletanner.com
- NOTE:** 2.0 PDHs have been assigned for attendance to this program. Attendees are responsible for ensuring their check-in on the attendance list upon arrival at the meeting.

September Meeting Minutes

SENH & ASCE Joint Meeting—Introduction to Geothermal Systems
Puritan Event & Conference Center, Manchester, NH (2.0 PDH's)
September 10, 2014

There is no attendance list available for this meeting. PDH certificates were provided to all attendees. If you did not receive a certificate please contact Fran Weaver at fweaver@hoyletanner.com.

Business Portion of the Meeting

At 7:20pm President Josh Lund opened the SENH Business Portion of the meeting.

- He thanked ASCE for their efforts to organizing the night's events.
- He took an informal attendance of SENH members present.
- He stated that for the SENH members present there would be a vote on election of members to the Board of Directors. He briefly explained the process of nominations that had been followed and the following actions were taken:
- It was motioned that Adam Stockin fill a 2 year term. Motion Carried.
- It was motioned that Bob Champagne fill a 2 year term. Motion carried.
- He stated that there were several opportunities available to volunteer and help out our organization. In particular he mentioned:
- The SENH Liaison to the Joint Engineering Societies. At present Sean James is filling this roll and would like to transition to another volunteer.
- The SENH Liaison to QBS Coalition. This position is currently vacant and we need a volunteer to fill this roll.

Mr. Jeff Tirey was recognized and gave a Code Advisory Committee update:

- He stated that the committee has been dormant for the last year and a half but that it was started back up about 2 months ago.
- He stated that the NH Building Code Review Board is reviewing and posing amendments to the International Building Code and the International Residential Code.
- He stated that our committee is currently reviewing these amendments and will be offering an opinion on them before the due date.
- He stated that this committee is looking for volunteers.

Mr. Josif Bicja was recognized and gave a Professional Development Committee update:

- They are currently working on preparing a seminar regarding IBC and IRC. The seminar is possibly scheduled for mid November.
- Josif stated that this committee is looking for volunteers to assist with training ideas and facilitating them.
- It was recommended from the floor that the "Call for Volunteers" be listed in the next news letter.

At 7:30pm President Lund closed the business portion of the meeting.

Presentation

Brief Technical Presentation on Introduction to Geothermal Systems **Presented by David Lamothe, PE, AI, M. ASCE of GZA GeoEnvironmental Inc, Manchester NH**

Mr. Lamothe gave a presentation of the benefits of geothermal, how the technology works, geothermal technologies for ground loops, permitting and design considerations. He gave an in-depth look at the current State of the Industry. During his presentation he showed how the systems are a source of green and sustainable energy. Although he showed that the initial installation costs exceed that of typical boilers (and chillers), projects with the right site characteristics can typically recoup this cost in just a few years due to significantly reduced operating costs. He ended his presentation with several case studies. A big thank you to Mr. Lamothe for his time and detailed presentation.

Respectfully submitted by Thomas French, PE, Secretary

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