

**NH Society of Professional Engineers  
Board of Directors Meeting**

DATE: <u>November 15, 2007</u> 6:00 p.m. to 8:00pm (3rd Thurs. of Each Month)  Location: CLD Consulting Engineers 540 Commercial Street Manchester, NH 03101	Dan Hudson, PE (Pres)*	Paul Schmidt
	Roch Larochelle, PE (Past Pres)*	
	Matt Low, PE (Pres Elect)*	
	Larry Dwyer, PE (Vice Pres)*	
	John DiGenova, PE (Sec)*	
	Gregg Comstock, PE (Dir)*	
	Matt Purcell, PE (NH Delegate)*	
	Steven Lehmann, PE (Dir)*	
	Walter Durack (Membership)	

*\*Voting Board Member*

Dan Hudson called the meeting to order at 6:08 PM. A summary of the items discussed is presented below.

**OLD BUSINESS**

**1. *Review and approve October 2007 Meeting minutes.***

The Meeting Minutes from the October 2007 BOD meeting were reviewed. Matt Low motioned to approve the October 2007 meeting minutes as amended, Roch seconds and the motion is approved by the group.

**NEW BUSINESS**

**1. *Treasurer's Report***

Larry reports that Tom French is still having problems with quick books and they are still meeting to resolve the problems. Larry reports that Larry and Dan are the signatories for the NHSPE.

**2. *Society Governance***

Northeast Regional Meeting, Princeton, NJ – Larry and Matt Purcell report that the NE regional meeting was very good and offer the following details:

- NCEES Requirements Discussions for licensure – 120 credits core course and + 30 credits + 4 years to obtain PE license.
- How to mitigate the erosion of the engineering field
- Communication discussed – NSPE will have a better system of communication in the future
- AMS communication system appears to be working well
- Update of NSPE website forthcoming to make it easier to find information

**3. *Professional Development and Continuing Education***

- November 8, 2007: UNH Stormwater Center – Dan reports that the meeting went well and that 4 people joined NHSPE during the meeting.
- December 11, 2007 – Northern Wood Power Project – Dan reports that everything is all set for the meeting at Fratello's. See Attachment No. 1
- January ??, 2008 - Rock Slope Stability by Jay Smerekanicz of Golder Associates – Dan reports that a date has not been set yet.
- February ??, 2008 - Annual NHDES Update – Dan reports that a specific topic has not been determined yet. Steve suggests a topic concerning alteration of terrain. Greg will speak with some folks at NHDES to gather additional information.

- February ??, 2008 – Ski Social – Veronica to investigate further.
- February 21, 2008 - E-Week Banquet – Dan reports that a speaker has not been set-up yet. Possible topics include Red Sox personnel, NASCAR, and a Motivational Speaker.
- March 20, 2008 - NH National Guard Headquarters – Dan reports that Tom French is following up.

#### **4. *Public Image and Student Outreach***

- NHSPE John Alger Memorial Scholarship Report – Larry reports that letters requesting donations will go out in the near future. F. Douglas will be doing the mailings.
- Teacher’s Award Report - Matt Low reports that he met with G. Fredette. Matt suggests a change in name for the award. Attachment No. 2 gives a summary of the award in the future.
- MATHCOUNTS Report – Greg reports that 35 out of 54 schools are registered and that Ben Pratt has sent out letters asking for support from local businesses. Bob Baskerville is also pursuing support from local businesses in Southeast NH.
- UNH Outreach (Dan)
  - Spring Ethics Presentation - February 26<sup>th</sup> – Roch reports that the date is set for the spring ethics program. Art Swartz will make a presentation, see Attachment No. 3 for details. The expense fee for Art is \$750.
  - Spring Career Fair - February 27<sup>th</sup> – Matt Low reports that the spring career fair at UNH would be a good event to attend because there will be a high concentration of new engineers. Roch indicates that they will need a table, banner and membership applications. The time slot is between 10:00 and 14:00. Steve and Paul to attend from NHSPE. Roch indicated that he will talk with Bob Henry to waive fees.

Observer – Dan reports that the Observer will go out in the near future.

#### **5. *Government Affairs***

- Legislative Tracking Initiatives Report – No report is available for this meeting.
- QBS Report - Matt Low reports the QBS website is currently down.

#### **6. *State Society Collaboration***

- October 9, 2008?: 2nd Annual NHJES Conference? – Roch reports that the first planning meeting will be held at the Windmill Restaurant in January 2008.

#### **7. *Membership***

- Membership Report - Walter reported on membership, see Attachment No. 4.
- Dues Waiver Request – Dan reports that he had received a request for a hardship dues waiver. Dan checked with NSPE for information. It appears that we can waive the state dues portion but not the national dues portion of the membership fee. Steve motions to grant a waiver of NHSPE dues for this hardship case for 5 years unless there is a change of status of the individual, John seconds and motion is approved by the group.

**8. *National/Regional & Other Issues***

- Fellow Nominations (due February 1, 2008) – Dan suggests Matt Purcell and Paul Schmidt for Fellow status. Roch motions to accept these nominations, Matt Low seconds and the group approves.

Respectively Submitted.

John G. DiGenova, P.E.



**ATTACHMENT NO. 1**  
**New Hampshire Society  
of Professional Engineers**



*A state society of the National Society of Professional Engineers*

***The Northern Wood Power Project -  
Renewable Energy for New Hampshire***

**Tuesday, December 11, 2007**

**Fratello's Restaurant, Manchester, NH**



The New Hampshire Society of Professional Engineers (NHSPE) cordially invites you to our December Meeting. Our featured guest is **William H. Smagula, P.E.**, Director of Generation for Public Service of New Hampshire (PSNH). Mr. Smagula will talk about the Northern Wood Power Project, which includes the replacement of an existing 50 megawatt coal-fired boiler with an environmentally friendly system that uses wood chips and other clean, low-grade wood materials for fuel. Located at Schiller Station in Portsmouth, NH, the Northern Wood Power Project will allow PSNH to economically produce cleaner electric energy from environmentally sound renewable resources.

**Schedule**

Registration/Social Hour:	5:30 p.m. – 6:30 p.m.
Dinner:	6:30 p.m. – 7:30 p.m.
Presentation (1.0 PDH):	7:30 p.m. – 8:30 p.m.

**Registration Form:**

Name(s): \_\_\_\_\_ NHSPE Member Y\_\_\_\_ N\_\_\_\_

Address: \_\_\_\_\_ Full-Time Student Y\_\_\_\_ N\_\_\_\_

Company: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_ Email: \_\_\_\_\_

Meal Selection: Chicken Cordon Bleu \_\_\_\_\_ Baked Stuffed Haddock \_\_\_\_\_

Payment: Enclosed \_\_\_\_\_ Pay at Door \_\_\_\_\_ Will Send \_\_\_\_\_

**Cost (Dinner/Presentation):**

\$35 NHSPE Member\*

\$40 Non-Member

\$20 Full-Time Student

**Make Checks Payable To:**

NHSPE December Meeting

Note: 1.0 PDH will be offered for attendance at this event.

(\*NSPE Membership is free for first 6 months; ask for an application at the meeting.)

**Contact For Questions:**

Shelley Heafield

CLD Consulting Engineers, Inc.

Phone: (603) 668-8223 x.172

Fax: (603) 668-8802

Email: [shelleyh@cldengineers.com](mailto:shelleyh@cldengineers.com)

**Mail Registration Form and Payment To:**

NHSPE December Meeting

c/o Shelley Heafield

CLD Consulting Engineers, Inc.

540 Commercial Street

Manchester, NH 03101

**Email To:**

[shelleyh@cldengineers.com](mailto:shelleyh@cldengineers.com)

**Fax To:**

(603) 668-8802

*Registration Deadline is Noon on Tuesday, December 4, 2007*

*Cancellations and No Shows after Noon on Tuesday, December 4, 2007 will be invoiced.*

**Directions:**

**From the South:** Take Rte. 93 N to Rte. 293N, stay on 293N to Exit 5 (Granite Street/Downtown). Turn right off the ramp, take a left onto Commercial Street at the first traffic light. Follow Commercial Street for approximately 3/4 mile and you will see Fratello's sign on the right. Turn right at the sign and a left at the stop sign to enter the parking area.

**From the East (Maine):** Take Route 95S to Rte. 101W to Rte.93S to Rte. 293N. Stay on 293N to Exit 5 (Granite Street/Downtown). Turn right off the ramp, take a left onto Commercial Street at the first traffic light. Follow Commercial Street for approximately 3/4 mile and you will see Fratello's sign on the right. Turn right at the sign and a left at the stop sign to enter the parking area.

**From the North:** Take Rte. 89S to Rte. 93S to Rte. 293S, Exit #6. The exit will circle around and over the Amoskeag Bridge. Stay right, take first exit (Canal Street). Take your first right at the lights and then your first left. Travel up and around the building to the front entrance.

Dan Hudson

ATTACHMENT NO. 2

4

**From:** Low, Matthew J. [MLow@hta-nh.com]  
**Sent:** Thursday, November 15, 2007 10:58 AM  
**To:** ctbailey@bailey-associates.com; ewood@HaleyAldrich.com; gfredette@sfceng.com; Jducharme@hlturner.com; pschmidt@cmaengineers.com; wlz2@unh.edu; Dan Hudson; gcomstock@des.state.nh.us; JDigenova@haleyaldrich.com; LDwyer@jgieastern.com; Lehmann, Steven; Matthew R. Purcell; phil@biz-patlaw.com; Roch Larochelle; Tom French; vthibodeau@hlturner.com  
**Subject:** NHSPE Mathematics and Science Teachers Awards - Update  
**Attachments:** MTSA2008 Brochure.doc; New Hampshire Math and Science 2007 Brochure.pdf

Good morning NHSPE Board Members and other potentially interested parties,

I have been working lately on updating / recreating the program formerly known as the Math and Science Teachers Awards Program. A little history –

- We have had this program in place for a few years, seemed to work well. We selected 3 teachers for awards that were announced at the Engineers Week Banquet each February.
- Over the past few years, we have been coordinating with the NHTM (New Hampshire Teachers of Mathematics), the New Hampshire Science Teachers Association, the University of New Hampshire (who donates \$500 to the program), the New Hampshire PE Board and ASCE-NH.
- Over the past year or so, we found out that the NHTM didn't quite agree with the format for nominating, selecting recipients or the name of the award. The claim was that the award created confusion with regard to other more prestigious mathematics awards that NHTM is involved with.
- NHSPE, UNH and NHTM met this summer to discuss possible alternatives.
- Over the past few months there have been discussions, meetings, emails etc. to see if we could overhaul the award program so that NHTM would buy into it.

All this brings us to today. Attached, you will find a rough DRAFT of a revamped award program / brochure. This has been forwarded recently to NHTM for consideration. It is my understanding that the Science teachers association has historically had very little input, if any, with regard to this program or the recipients of the awards.

The big change between this brochure and the 2007 version (attached also), is that there is a distinct name change to the program. Also, you will note that I am now soliciting involvement from several other engineering organizations within NH to be involved. The idea is that we would make this award program more consistent with the Engineer of the Year and Young Engineer of the Year Awards. I am proposing that all of these organizations be involved in the selection process, similar to the EOY and YEOY. The reason – I believe that this creates more buy-in across the board rather than NHSPE waving a flag trying to get interest. We are not soliciting funding from any other groups at this time, just moral support. We would still run the program, send out the information to schools, SAU's etc., collect nomination packages, and distribute them. I propose that the voting for the winners be handled at the same meeting that the EOY and YEOY are selected. This meeting is organized by George Fredette.

The problem is – we are running out of time this year. I have contacted Roberta Kieronski of NHTM and forwarded her the new brochure. She is approaching the NHTM board with the new idea to see if they will support it. If they will not, I fear our program may take a blow. If they will, then we really have to hustle to pull this together this year. If we cannot get it done this year, we could skip this year and do a new roll out next year.

Anyway, I would like some feedback from all of you at our Board meeting tonight to let me know if you think I am headed down the right path or should take a u-turn somewhere.

Thanks in advance. I apologize for this long-winded note.

11/15/2007

**The Joint Committee of New Hampshire Engineering Societies  
Excellence in Teaching Awards**

*Nominations Due: January 4, 2008*

**Program Information and Nomination Forms may be downloaded from:**

[www.nhspe.org](http://www.nhspe.org)

"Our future engineers and scientists will shape the progress of humankind in all aspects of society. The teachers of today will shape our future leaders, engineers and scientists and give them the tools, knowledge and principles they need for success. Recognition of excellence in education is critical to support the continuous efforts of New Hampshire's teachers."

**NOMINATE AN OUTSTANDING TEACHER!**

**3 Annual Awards: Elementary School, Middle School, and High School**

*Sponsors include:*

*The Joint Committee of NH Engineering Societies, which includes:*

*New Hampshire Society of Professional Engineers  
NH Section of the American Society of Civil Engineers  
Structural Engineers of New Hampshire  
Institute of Transportation Engineers  
NH Section of the Institute of Electrical and Electronic Engineers  
American Council of Engineering Companies  
The Society of American Military Engineers  
The Granite State Chapter of the American Society of Heating  
Refrigerating and Air-Conditioning Engineers, Inc.  
The American Society of Mechanical Engineers*

*Other significant sponsors:*

*UNH College of Engineering and Physical Sciences  
NH Board of Licensure for Professional Engineers  
NH Science Teachers Association  
NH Teachers of Mathematics*

*The Joint Committee of New Hampshire Engineering Excellence in Teaching Awards are given each year, one each to a high school, middle school, and elementary grade teacher, to recognize excellence in the teaching and learning of mathematics and/or science in New Hampshire schools.*

## The Joint Committee of New Hampshire Engineering Societies Excellence in Teaching Awards

*This Award is awarded annually and intended to recognize excellence in the teaching and learning of mathematics and science in New Hampshire schools as evidenced by creativity, innovation, integration of programs, and learning effectiveness. One award is awarded to a High School teacher, a Middle School teacher as well as an Elementary School teacher.*

“Excellence” can be described as the creative use of class materials and teaching methods; the development of innovative curricula, materials or class activities; the integration of extra-curricular programs; and/or the involvement of professional organizations to help promote interest and learning in mathematics and/or science.

Award nominations are made by teaching colleagues, school administrators, or others on forms and letters provided by the sponsoring organizations. Nominations are due January 4, 2008. You can either submit the nomination and three letters of reference in Adobe PDF or Microsoft WORD format by email to [programs@nhspe.org](mailto:programs@nhspe.org) or to NHSPE, Attn: Teacher’s Award, PO Box 1343, Concord, NH 03302-1343. If you need a form, you can download it from [www.nhspe.org](http://www.nhspe.org).

The Award Committee, consisting of a XXXXX person group, comprised of one representative from each Sponsoring Organization will make the final decision by consensus and recommend one proposed award recipient at each school level to the Board of Directors of the New Hampshire Society of Professional Engineers (NHSPE). NHSPE will notify award recipients on behalf of the sponsoring organizations. NHSPE will also send a letter to each nominee extending congratulations on their nomination for this statewide award.

The Award will be presented at the annual Engineer’s Week Banquet to be held February 21, 2008. Awards include plaques bearing the name and insignia of each sponsoring organization. Press releases will be issued in local and statewide newspapers. A stipend will also be provided to award winners to help fund the expense of teaching materials and supplies. Visit [www.nhspe.org](http://www.nhspe.org) to see last year’s recipients.



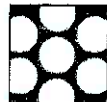
UNIVERSITY of NEW HAMPSHIRE



New Hampshire Section



New Hampshire  
Teachers of  
Mathematics



New Hampshire  
Science Teachers  
Association



New Hampshire Board of  
Licensure  
for Professional Engineers



New Hampshire Society of  
Professional Engineers





**SOCIETY OF AMERICAN MILITARY ENGINEERS**



**New Hampshire Math and Science  
Teacher of the Year Awards**

Nominations Due:  
January 5, 2007

**Program Information and Nomination Forms may be downloaded from:**

[www.nhspe.org](http://www.nhspe.org)

“Our future engineers and scientists will shape the progress of humankind in all aspects of society. The teachers of today will shape our future leaders, engineers and scientists and give them the tools, knowledge and principles they need for success. Recognition of excellence in education is critical to support the continuous efforts of New Hampshire’s teachers.”

Sponsoring Principle,  
New Hampshire Society of  
Professional Engineers

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**3 Annual Awards:**  
**High School**  
**Middle School**  
**Elementary School**

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Engineers  
UNH College of Engineering and  
Physical Sciences  
NH Board of Licensure for  
Professional Engineers  
NH Science Teachers Association  
NH Teachers of Mathematics  
NH Section of the American Society  
of Civil Engineers

*The New Hampshire Math and Science Teacher of the Year Awards are given each year, one each to a high school, middle school, and elementary grade teacher, to recognize excellence in the teaching and learning of math and/or science in New Hampshire schools.*

# New Hampshire Math and Science Teacher of the Year Awards

*This Award is awarded annually and intended to recognize excellence in the teaching and learning of math and science in New Hampshire schools as evidenced by creativity, innovation, integration of programs, and learning effectiveness. One award is awarded to a High School teacher, a Middle School teacher as well as an Elementary School teacher.*

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UNIVERSITY OF NEW HAMPSHIRE



New Hampshire Section



New Hampshire  
Teachers of  
Mathematics



New Hampshire  
Science Teachers  
Association



New Hampshire Board of  
Licensure  
for Professional Engineers



New Hampshire Society of  
Professional Engineers



# ATTACHMENT No 3

## New Hampshire Society of Professional Engineers

A state society of the National Society of Professional Engineers

5

Proudly Presents:

### “INCIDENT AT MORALES”

*An Engineering Ethics Mystery and Interactive Dialogue*

Tuesday, February 26, 2008

11:10 AM to 12:30 PM

Kingsbury Hall N101, UNH, Durham, NH

#### Setting the Scene

“Incident at Morales” is an interactive video dialogue that vividly explores a wide range of ethical dilemmas facing engineers today such as the resolution of difficult issues including international responsibilities, consequences of technical and financial decisions, and environmental concerns. The setting involves an international company that wishes to develop a new chemical product but must act quickly to gain a competitive edge in the market by building a new plant in Mexico. The facilitated session will explore potential technical, environmental, financial, safety, and ethical issues that arise from choices made during the design and construction of the project.

#### Meet The Facilitator

**Arthur Edward Schwartz, CAE**

**NSPE Deputy Executive Director and General Counsel**

Arthur Schwartz is the Deputy Executive Director and General Counsel of the National Society of Professional Engineers (NSPE). On three occasions, he has served as Acting Executive Director for NSPE. In addition to leading the NSPE staff and supporting the NSPE Board of Directors and Executive Committee, Mr. Schwartz's responsibilities include serving as staff director to the NSPE Board of Ethical Review, Licensure & Qualifications for Practice Committee, as well as the NSPE/PEPP Professional Liability Committee and Engineers Joint Contract Documents Committee.



Mr. Schwartz holds a Bachelor of Arts degree from the State University of New York at Buffalo (1977) and a Juris Doctor degree from the American University/Washington College of Law (1980). Mr. Schwartz is a member of the American Bar Association, as well as the District of Columbia, Florida, and Virginia Bar Associations. He is also an Honorary Member of the National Academy of Forensic Engineers and a Certified Association Executive (CAE).

Mr. Schwartz writes an ethics column and a legal column in NSPE's monthly publication *PE*, as well as a column on ethics for *Structural Engineer* magazine. He has written extensively for various professional journals on matters involving the practice of engineering and has participated as a guest lecturer at many colleges and universities, federal and state agencies, and several national professional association meetings.

Some of his most recent major publications include: *Engineering Licensure Laws: A State-By-State Summary and Analysis*; *A State-By-State Summary of Liability Laws Affecting the Practice of Engineering*; *Professional Engineer Self-Regulation: A Discussion Paper*; and, *A State-By-State Summary of Engineering Corporate Practice Laws*. He has also recently launched a Web-based teleseminar series on engineering ethics, professionalism, and the law.



# ATTACHMENT NO. 4

**NH Society of Professional Engineers**

P.O. Box 1443  
Concord, NH 03302-1443

Prepared By: WLD

Date 11/15/2007

Subject / Project: NHSPE Membership Committee

**November 2007 Membership Status Report**

6

**6 New Members Have  
Joined This Month**

Totals Sorted by Membership Type

Month	Member Type				Total
	Licensed	Member*	Fellow	Student	
May					0
June					0
July					0
August	205	23	1	5	234
September	207	23	1	5	236
October	207	23	1	5	236
November	210	22	1	4	237
December					0

\*Non-Licensed

Totals Sorted by Membership Status

Month	Membership Status			Total
	Standard	Life	Retired	
May				0
June				0
July				0
August	190	42	2	234
September	192	42	2	236
October	192	42	2	236
November	193	42	2	237
December				0

Young Members\*

Month	Young Members
May	
June	
July	
August	26**
September	27**
October	26**
November	
December	

Delinquent Members

Month	Delinquent Members
May	
June	
July	
August	8 (3 Six Month Free)
September	9 (5 Six Month Free)
October	6 (3 Six Month Free)
November	11 (8 Six Month Free)
December	

\*Under 35 before 1/1/2008

\*\*Estimated Value-missing data

Dropped Members

Month	Dropped Members				Total
	Cancelled	Deceased	No Pay*	Upgrade	
May					
June					
July					
August	2	2	38	2	44
September	2	2	38	2	44
October	SEE LIST ON NEXT PAGE				
November	SEE LIST ON NEXT PAGE				
December					

New Members

Name	Company	Join Date	6 Month Free
Tonya West	---	9/26/2007	
Paul Gegliangeli	---	10/16/2007	
Laura Black	---	10/22/2007	
Rodrick Finley	---	10/23/2007	
Robert Furey	---	10/23/2007	
Scott Williams	---	10/23/2007	