

INTERNATIONAL SOCIETY OF EXPLOSIVES ENGINEERS PACIFIC NORTHWEST CHAPTER

Special points of interest:

- PNW Chapter and Annual Meeting
- Safety Tips
- ATF Answers Question

Inside this issue:

- PNW Chapter Conference and Annual Meeting 1
- ATF Answers 2
- Safety Tips 3
- San Diego 3
- 4

May 2011

PNW Chapter April Conference and Annual Meeting

A BIG THANK YOU to the sponsors of our first PNW Chapter Seminar after our "renewal" - Thunderbird Mining Systems, Furukawa Rock Drill USA, Wallace Technical Blasting, Inc, Northwest Energetic Services, Orica, Pilot Knob Construction Inc and Superior Blasting & Drilling! Without these outstanding sponsors our first conference would not have been possible.

We had 55 attendees at the April 1st & 2nd PNW seminar, three vendors and outstanding sponsorship.

Hood River Inn turned out to be a great, central location - it was centrally located, with great food and a comfortable meeting space.

Our first night with the reception and video roundup was an excellent night of networking, entertaining and informative videos and great food. And a few of the attendees thoroughly enjoyed the Friday afternoon tour of Full Sail

Brewery.

The line up of speakers were outstanding and really drove home safety and the need to avoid complacency, keep current on technology and to stop and think about what is required for every shot, because each one has some different issue or concern that needs to be addressed. You can see the complete agenda on our website. www.iseepnw.com.

If you have a question for any of the speakers please send them to iseepnw@gmail.com and we will get the answer for



Chris Breeds talks Close-in Blasting

you.

With continual changes in the explosives world in technology and regulation as well as public involvement it is important that we act as a group and exchange information to a safer explosives environment to all.

Continued on page 5



Crowd at the Friday night Video Round up and Reception

William Miller of ATF Answers “What are the Most Common Violations?”

“Always Have an Escape Route.” Safety tip from Jim Dawson, A Summary of the San Jose Mine Rescue, Chile

“When working at heights or within 6ft. of a drop off, always wear a 5-point safety harness with a safety lanyard tied off to a sturdy anchor point capable of holding a minimum of 5400lbs. Before use, inspect your life line and harness for any signs of wear or deterioration.” Safety Tip from Elliott, Controlled Blasting

“Are there common violations of regulations that are occurring across the U.S.? If so, is there a way for ATF to provide a list of these violations and suggestions to prevent them from occurring?” posed by Mr. Jeffrey L. Dean, TOM, CAE the Executive Director and General Counsel International Society of Explosives Engineers

Answer: Here are the most common explosives violations in Fiscal Year 2009 and suggestions for preventing them:

1.) Failure to properly maintain a Daily Summary of Magazine Transactions (DSMT) (27 CFR § 555.127).

We recommend that explosives industry members update their DSMTs whenever they move explosive materials into or out of the magazine. Further, persons other than those who place explosives in the magazine should perform a periodic review of the DSMT and compare it to other records at the premises for accuracy.

2.) Failure to comply with housekeeping requirements (27 CFR § 555.215). Compliance with housekeeping requirements requires constant vigilance.

Since, for example, grass and weeds may grow very quickly around a magazine, and litter, dirt, and empty boxes can easily accumulate as a result of normal operations, it is important to adhere to a regular cleaning and maintenance schedule.

3.) Failure by permittees to maintain proper records of acquisition (27 CFR § 555.125). ATF allows a company to maintain “business records” — such as invoices — in lieu of creating a separate ledger-style record. However, it is incumbent upon a permittee to ensure that their records — whether a separate written record or their business invoices and other records — contain all of the required information. In addition, permittees maintaining a separate written record must ensure that they enter the information in a timely manner. These records should be updated daily.

4.) Failure to comply with the required separation distances for explosives storage (27 CFR § 555.206).

We recommend that licensees and permittees become familiar with the table of distances require-

ments at 27 CFR §§ 555.218 through 555.224. We encourage proprietors to consult directly with ATF when adding or moving magazines, or if they are in doubt about the requirements. A licensee or permittee may fax or e-mail a copy of their plat with all pertinent information to the local ATF office for assistance in ensuring compliance with the tables of distances.

5.) Failure to timely notify ATF of changes in control, employee possessors, or responsible persons (27 CFR § 555.57),

It is important for proprietors to notify ATF of any direct or indirect change in legal or actual control of a licensee corporation or association within 30 days of the change. Upon expiration of the license or permit, the licensee or permittee must then file a new application reflecting the changes, and pay the prescribed fee. The Federal Explosives

Licensing Center can assist a licensee or permittee in determining what action is required during a change of control or to add employee possessors or responsible persons.

Look for more answers in our next issue!

ISEE Conference San Diego, February 2011

Day 1 included a class on "Chapter Management" with discussions on local chapter involvement, the importance in keeping up with changing standards and breathing life into the chapters. All the attendees mentioned having problems with membership, maintaining a board of directors and participation. This puts an immense workload on a few individuals - eventually burning them out. So get involved!

ISEE chapters are encouraged to come to decisions on state level issues and federal concerns are to be run through the ISEE.

Greg Lefevre held a media training session. This was very educational with tips on speaking to news media, staying at your comfort level during trying circumstances and sticking to the facts is key to a good interview. Mr. Lefevre has done over 30,000 interviews during his career and ran several attendees through interviews.

Day 2 included the Blasters Training Seminar. Some of the presentations were, Blasting Liability and Safety, Blast Sensitization, Initiation Sequence Design, Benefits of Elec-



PNW Chapter Members participating at the National Conference!

tronic Initiation Systems, Federal Blaster Certificate Program and Explosives in the Special Effects Industry by Tassilo Baur who grew up here in the Northwest and now works in the FX Dept. Hollywood.

Days 3 - 6 were several great presentations ranging from "Rapid Advances in Electronic Initiation Systems" to the "Use of Explosives to Protect Fish" to "Fly Rock Control" and "Vibrations Monitoring."

The Conference was followed by an Explosive & Blasting Regulatory Symposium. During this session topics included: Overview of the ISEE and IME, ATF, Vibration/Fly Rock issues, Agency updates from MSHA, and NIOSH, overview of the ISEE 18th Edition Blasters' Hand-

book, Panel discussion from DOT, HAZMAT and a transportation update, Homeland Security and a State Panel Discussion from California, Wyoming and Kentucky officials. PNW vendors included Austin Powder Company, ORICA, Rockmore International, Rothenbuhler Engineering and Thunderbird Mining Systems along with a growing number of International vendors.

The next ISEE Conference is in Nashville, Tennessee. If you as a member of the ISEE and Pacific Northwest Chapter have a paper you would like to present in Nashville let us know and we will give you chapter support deadline for abstracts is May 15, 2011.

Upcoming Events:
check out the **PNW ISEE Website** under events:
www.iseepnw.com

"Always Stand Behind the Blaster In Charge"
Safety Tip from Chris Breeds, Planning to Demonstrate Why High PPVs Work for Close-In Blasting.



Rothenbuhler Engineering at the National Conference

Avalanche Control Seminar recap by Chris Catlin



October 2010 blasting seminar centering on avalanche mitigation; to bring to the fore the industry standards and safe practices to beginning users of explosives, as well as those that wished to continue their education in this field. This seminar was conceived at the United States Avalanche Control Council (USACC) meeting at White Pass in March of 2010, with the intent of

providing “awareness” level training for beginning blasters in mountain environments. We aimed for the last weekend in October in order to continue some of the momentum from the International Snow Science Workshop the week before. Out of that meeting, we put together an instructor group from ski areas along the Cascade crest, from Stevens Pass to Mt. Hood, comprised

of Department of Transportation workers, Hazard Forecasters, and Snow Safety Leads in operational settings. The USACC was proud to be joined by the American Avalanche Association (AAA), and the Association of Professional Patrollers (APP) to help provide this educational experience.

Read the full recap on our website

“Electronic Detonators, safety, flexibility and accuracy you not only trust but you can verify.”
Safety Tip from Ed Coulter, Electronic Detonators, Are They Right for Me.

PNW Chapter Needs Your Participation!

The executive committee and board of directors have been serving the chapter for over two years and are seeking active members that would like to serve on the board and contribute to our chapter and industry in the pacific northwest.

Jon Andrews, our current chapter president says *“I have benefited greatly by serving on the board over the past two years; making a lot of contacts and being involved with shaping legislation that affects our industry.”*

The PNW chapter has been able to positively affect issues that effect the blasting and explosive

industry. Part of the mission and goals of the chapter are to inform policy makers regarding our industry, promote favorable public perception of explosives engineers and the contributions that they make to society and to promote public safety.

Chapters are encouraged by the ISEE to form group opinions on State issues and the ISEE will assist with Federal concerns.

The PNW chapter needs active participation to be most effective and influential, so please consider volunteering for a board position, attending future meetings or submitting an article for our newslet-

ter or website.

Your \$20 membership fee goes toward supporting our communication tools - the web site and news letters. These tools help our members stay informed about upcoming training, new technology and issues that affect our industry.

Join today (application is on the last page of this newsletter), get involved, share your time and expertise! Your chapter needs you! Email your interest to: iseepnw@gmail.com today!

REITER BUSINESS SERVICES



Our Newsletter and Website are being produced by Shari Purves-Reiter of Reiter Business Services.

If you have ideas for the next issue, please email them to Shari at: sharireiter@gmail.com or call her at: 360-402-3790.

PNW Chapter Conference and Annual Meeting - Continued from page 1



Susan, Corry and Jerry talk shop at the April Conference.

2012 Chapter Conference and Annual Meeting will be April 6 - 7 in Hood River.

The State of Washington is considered one of the more “regulated” states but in a good way. Other states in our chapter have limited state regulation regarding explosives but many blasters from Idaho and Oregon hold Washington State blasting licenses as do blasters from Texas and California. Washington state regulation is considered one of the best for blasters; because it makes sense. Blasters say this is what they hear from other states. This is because Washington State works with the blasters. Federal regulation of course affects all states and there have been changes that Mr. Pumpelly spoke about. If you have concerns about States or Federal regulation let the chapter know and we can communicate with the



April Conference attendees getting the latest blasting information!

regulators to work towards solutions. We were fortunate to have two ISEE Presidents speak at our conference this year, Jerry Wallace and Ron Elliot. The PNW Chapter has many resources to help you with research, public safety and experience to assist you with putting your paper together for our next seminar or for the National ISEE conference.

The PNW chapter seminar will be the first Friday and Saturday of April each year. Email the board at iseepnw@gmail.com if you are interested in serving on the PNW Board of Directors or would like to help plan next years Chapter Seminar.

So mark your calendar for April 6 - 7, 2012 - get 8 hours of Washington state approved continuing education to maintain your blasters license, network with others in your industry, feature a product or volunteer to give a presentation on a recent project or new technology.

This years conference was just the beginning and the 2012 conference will be an even better event, especially with your involvement - so volunteer today!

Thanks to Debra Hanson and Shari Reiter for all the help putting the April 2011 Conference and Annual meeting together!



Washington State's Mason Reiter discusses the latest regulatory changes.

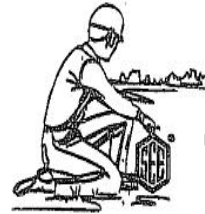
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We are on the web at:

WWW.ISEEPNW.COM



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INTERNATIONAL SOCIETY OF EXPLOSIVES ENGINEERS PACIFIC NORTHWEST CHAPTER



On the Web at: www.iseepnw.com

Application for Membership

Date: _____ ISEE #: _____

Name First: _____ Last: _____

Company/
School: _____ Title: _____

Phone: _____ Cell: _____

Address: _____

City: _____, State: _____ Zip: _____

Email: _____@_____ :

Company Web Address _____

I **DO NOT** want my name and company posted on the PNW ISEE Website.

Signature: _____

Chapter Dues: \$20.00/year , Student Members: \$10/year - Please make check payable to PNW ISEE

To keep costs down, we will communicate via email and on our website(www.iseepnw.com), but if you do not have access to this technology please check this box and for an additional \$5/year we will mail you the chapter newsletters.

Submit to: Treasurer, Pacific Northwest Chapter of ISEE
P.O. Box 419
Seal Rock, Oregon 97376

Mission Statement: To provide communication between all blasters, suppliers, manufactures and regulatory agencies that pertains to the use, storage and transportation of explosives. To provide education, continuing education, updates and public education for the safe and effective use of explosives.