

PENNSSTATE



**MINER TRAINING
PROGRAM**

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SEEK REFUGE

*Your Third Line
of Defense*



**A Technology Transfer Seminar
Greensburg, PA
MAY 27, 2010**

A Technology Transfer Seminar
on
**REFUGE
ALTERNATIVES**

***Four Points by Sheraton
Greensburg, PA***

May 27th, 2010

**This Seminar is funded, in part,
by an MSHA Brookwood-Sago
Mine Safety Grant**

Seek Refuge: Your Third Line of Defense

Following the successive mine tragedies in 2006 at several underground coal mines, there has been a renewed effort to enhance mine emergency preparedness (MEP). The MINER Act of 2006, along with the cooperative efforts of State Agencies and mining stakeholders, have resulted in many improvements such as enhanced emergency notification and response, ERPs, directional lifelines, extra SCSRs, more training on evacuation procedures, research, and improved strategies to maintain trapped miners.

When imminent dangers arise as a result of mine emergencies, best practice dictates that miners don self-rescuers and evacuate or escape the mine. However, in those cases where leaving the mine is not possible, refuge alternatives (RA) can provide a safe haven of last resort. Refuge alternatives must be designed to maintain miners with breathable air, water, and food for 96 hours.

Please join us for the discussion on refuge alternatives. The program features updates on MEP, types of RA, units, systems and features from OEMs, the recent and emerging research, and "Notes from the Field"—mine operators' reports on their experiences so far with refuge alternatives.

May 27, 2010 Seminar Sessions

8:00 a.m.—WELCOME

8:10 to 8:45—Mr. Joseph Main, (invited)
Asst. Secretary for Mine Safety and Health

8:45 to 9:00—Mr. Joseph Sbaffoni
Director, PA Bureau of Mine Safety

9:00 to 9:30—Mr. Ron Wooten, Dir. of the
WV Office of Miners' Health, Safety, and
Training—Refuge Alternatives Overview

9:30 to 10:00—Mine Operators'
Presentations

Break

10:15 to 11:15—Refuge Manufacturers'
Presentations

11:15 to 11:45—Mr. Eric Bauer
Overview of NIOSH Research

11:45 to 1:00 p.m.—Lunch and visit Ref-
uge Manufacturers' exhibits

1:00 to 1:30—Latest from MSHA
Approval and Certification Center (invited)

1:30 to 3:00—Mine Operators'
Presentations

3:00—Wrap-up and Adjournment

SEMINAR REGISTRATION

Note: The cost of this seminar is FREE and lunch will be provided. However, you must pre-register by Wednesday, May 19th so that adequate seating and lunch plans can be made.

Name

Company or organization

Address

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