## DRAFT AGENDA MINE ESCAPE PLANNING AND EMERGENCY SHELTERS WORKSHOP

## NATIONAL ACADEMY OF SCIENCES WASHINGTON, DC APRIL 18, 2006

8:00 a.m. Welcome and Opening Remarks

Mr. David Dye, Acting Assistant Secretary, Mine Safety and Health

Administration (MSHA)

Dr. John Howard, Director, National Institute for Occupational Safety and

Health (NIOSH)

Introduction of Moderators – Dr. Jeffery Kravitz, MSHA

Dr. Gerald Finfinger, NIOSH

8:30 a.m. Mine Escape Planning, Panel Discussion 1

Philosophy of Escape Planning

Mr. Mike Brnich, NIOSH

Recent History of Mine Escapes

Mr. Michael Kalich, MSHA

Mr. John Radomsky, MSHA

South African Best Practices

Mr. Kobus Van Zyl, CSIR, South Africa

10:00 am Break

10:15 am Escape Technology, Panel Discussion 2

Self Rescue Devices

Dr. Jeffery Kravitz, MSHA

Mr. John Kovac, NIOSH

Life Lines and Escapeways

Mr. Ken Sproul, MSHA

Dr. Charles Lazarra, NIOSH

Emergency Evacuation Hyperbaric Stretcher

Ryan Webb. PCCI, Inc.

11:30-12:30 pm Lunch

12:30 p.m. Emergency Shelters, Panel Discussion 3

Design and Installation of Refuge Chambers, Jan Oberholzer,

SIMTARS, Australia

Canadian Experiences,

Alex Gryska

Mines and Aggregates Safety and Health Association

Manager Ontario Mine Rescue

Review of Foster-Miller Report: Guidelines for Rescue Chambers Randy Berry, Senior Staff

Conceptual Integrated System Design

H.C "Bud" Meyer, President, Advanced Systems Integrators

Conceptual Design for Permanent or Temporary Refuge Chambers

Dr. Kelvin Wu, MSHA

2:30 pm Break

2:45 p.m. Manufacturers – What is Currently Available? Panel Discussion 4

ChemBio Shelter - Ed Roscioli

Phoenix First Response - Ian Houlison

Draeger - Rohan Fernando

Cowan Manufacturing, PCCI, Inc. - Alan Becker

Gamma Services - Dwayne Towery

Kennedy Metals – Bill Kennedy

The O.C. Lugo Company, Inc. - David Baines

MineARC Systems, Inc. - James Rau

Modern Safety Solutions- Kimberli Tatton

4:15 pm Managing for Mine Escape, Panel Discussion 5

Risk Management for the Mining Industry

Professor Jim Joy, University of Queensland

Psychological and Training Aspects

Dr. Kathleen Kowalski-Trakofler, NIOSH

5:00 pm Summary Panel Q&A's

Collected questions

Questions for the Speakers

5:30 pm Wrap Up