

ACCIDENT PREVENTION

1) Training

a) Western Energy Technology Center

- i) Expand Underground Mining Workforce Development Program
- ii) Expand Safety Training Offerings
- iii) Pre-Engineering/Associate Degree in Mining Engineering
- iv) New Miner Training
- v) Mine Rescue & Emergency Response
 - (1) Training Offerings
 - (2) Western Regional Rescue Training Facility

b) Utah Labor Commission

- i) Occupational Certification & Testing
 - (1) Test & certify new miners
 - (2) Expand number of underground jobs requiring certificates
 - (3) Provide for retraining and certification after a lapse in employment in underground coal work
 - (4) Strengthen & Stabilize the training & testing program at ULC & CEU
 - (5) Improve the substance and depth of training leading to certification
 - (6) Pursue legislative/administrative reform to allow a state to design a program that addresses local safety concerns more effectively than federal regulations
 - (7) Expand the Labor Commission's Miner Certification Panel
- ii) Miner Education Board to Evaluate Curriculum & effectiveness

iii) Professional Engineer licensing for Mining Engineers

c) University of Utah

i) Career Information Initiative for Geology and Natural Resources

ii) Include Mining Engineering in the Utah Engineering Initiative

d) Tuition break for out-of-state mining engineering students

2) Mine Safety Regulation

a) Inspections

i) Implement a State Safety Inspection Program

ii) State Oversight of Federal Inspection Compliance (may require federal legislative support)

iii) State Safety Ombudsman

iv) Development of risk based inspection mandates (e.g. for the 10 leading causes of injuries and fatalities, or with inspection frequency tied to risk factors)

b) Oversight/Regulation

i) Utah Mine Safety Commissioner (Watchdog/Ombudsman Role)

ii) State Participation in Mine Plan Review

3) Technology, Research & Development

a) Utah Mine Safety Technology Board

b) Federal-State Mine Safety Coordination Panel

c) High-Risk Coal Mining Technical Review (Second Look by Experts)

d) Western Coal Mining Technology Center (Govt-Industry Partnership for R&D, or USTAR Model)

e) Mine Safety Seismic Monitoring Initiative

DRAFT FOR DISCUSSION
Utah Mine Safety Commission
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- f) Tax Incentive Program for Rapid Technology Implementation & Worker Training
- g) Annual Mine Safety Symposium
- h) Communication & Tracking Technology

ACCIDENT RESPONSE

1) State Role for Mine Rescue

- a) State Mine Rescue team coordination/oversight/management
 - i) State sponsorship of training, contests, exercises
 - ii) Provide facility or sponsorship for training in fire & smoke conditions
- b) Central supply of mine rescue supplies/machinery
- c) EMT/paramedic or "Mine EMT" training for some rescuers

2) Government Emergency Response Systems

- a) Mine Accident Rapid Response Blueprint for All State and Local Agencies
 - i) Simulations & drills
 - ii) Role of Homeland Security as Response Leader/Coordinator
- b) Planning Initiative for Mine Accident Victim Family Support
- c) Funding/Support for Resident & Nearby Community Response
- d) Identify the State Labor Commissioner as the Official Member of Federal Accident Investigation Team
- e) Call for an Independent Accident Investigation Process