

JULY 1987



BULLETIN



KEEP SAFETY
REVVIN'
IN
"87"



THIS SAFETY BULLETIN CONTAINS SAFETY ARTICLES ON A VARIETY OF SUBJECTS, FATAL ACCIDENT ABSTRACTS, STUDIES, POSTERS AND OTHER SAFETY INFORMATION FOR PRESENTATION TO GROUPS OF MINE AND PLANT WORKERS.

AS GROUP SPOKESPERSON, LEADER OR SUPERVISOR, YOU PLAY AN IMPORTANT ROLE IN THE ACCIDENT PREVENTION PROGRAM FOR YOUR COMPANY. THE WAY YOU TALK, THINK AND ACT ABOUT SAFETY DETERMINES, TO A GREAT EXTENT, THE ATTITUDE YOUR COWORKERS WILL HAVE ABOUT SAFETY.

THIS MATERIAL, FUNDED BY THE MINE SAFETY AND HEALTH ADMINISTRATION, U.S. DEPARTMENT OF LABOR, IS PROVIDED FREE AS A BASIS FOR DISCUSSION AT ON-THE-JOB SAFETY MEETINGS. IT MAY BE USED AS IS OR TAILORED TO FIT LOCAL CONDITIONS IN ANY MANNER THAT IS APPROPRIATE.

PLEASE USE THE ENCLOSED GREEN MEETING REPORT FORM TO RECORD YOUR SAFETY MEETINGS AND RETURN TO THE HOLMES SAFETY ASSOCIATION, POSTAGE-PAID.



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<u>COMPANY</u>	<u>CHAPTER NO.</u>	<u>LOCATION</u>
Princess Susan Coal Company	7214	Cedar Grove, WV
Alpers Excavating	7215	Traverse City, MI
Davenport Cement Company	7216	Buffalo, IA
Weber Stone Company	7217	Anamosa, IA
Stevens Sand & Gravel	7218	Riverside, IA
Spruce Lake Sand & Gravel Inc.	7219	Fox Lake, IL
County Line Fuel Inc.	7220	Ashland, KY
Riverway South	7221	Catlettsburg, KY
Bruin Trucking Inc.	7222	Redbush, KY
Lum Energy Inc.	7223	Bickmore, WV
Hill Enterprises	7224	Lizemore, WV
Hill Enterprises	7225	Clay, WV
Gold Fields Operating Company	7226	Winnemucca, NV
New Freedom Coal Company, Inc.	7227	Fayette, WV
Kanawha Mining Company, Inc.	7228	Cannelton, WV
Reglis Inc.	7229	Jodie, WV
Double S Mining	7230	Lizemore, WV
G & L Coal Company	7231	Fallsview, WV
Brown Equipment & Machine Co. Inc.	7232	Star City, WV
Beach Quarry	7233	St. Paul, IA
Barbara Lynn Preparation	7234	Lizemore, WV
West Va. Institute of Technology	7235	Montgomery, WV
LG & C Coal Company	7236	Moon, KY
LG & C Coal Company	7237	Moon, KY
FNF Construction Inc.	7238	Mesa, AZ
Tos-Aoh Mining Company	7239	St. Charles, VA
Bell Mine Supply	7240	Beverly, WV
Lark K. Mining Company Inc.	7241	Gunlock, KY
Jeffco	7242	Moon, KY
Jeffco	7243	Moon, KY
Coby Inc.	7244	Sitka, KY
Amber Coal Company Inc.	7245	Blue River, KY



H.S.A. SAFETY TOPIC

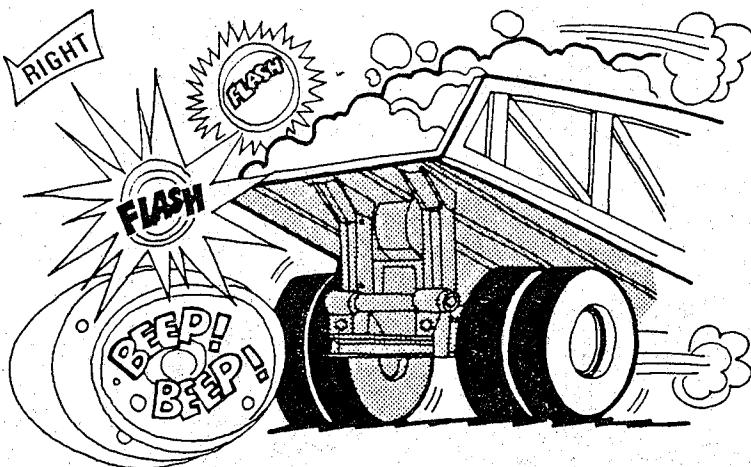


OFF-HIGHWAY TRUCK SAFETY MANUAL

FOR OPERATING AND MAINTENANCE PERSONNEL

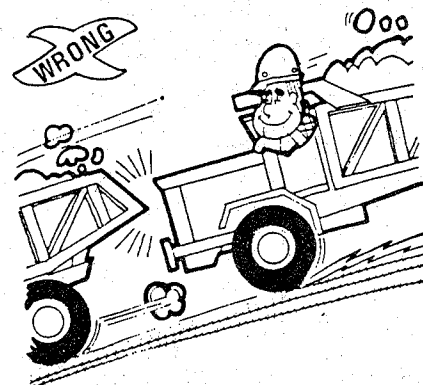
OPERATOR'S SAFETY MANUAL

4 YOUR NEXT MOVE - OPERATE SAFELY

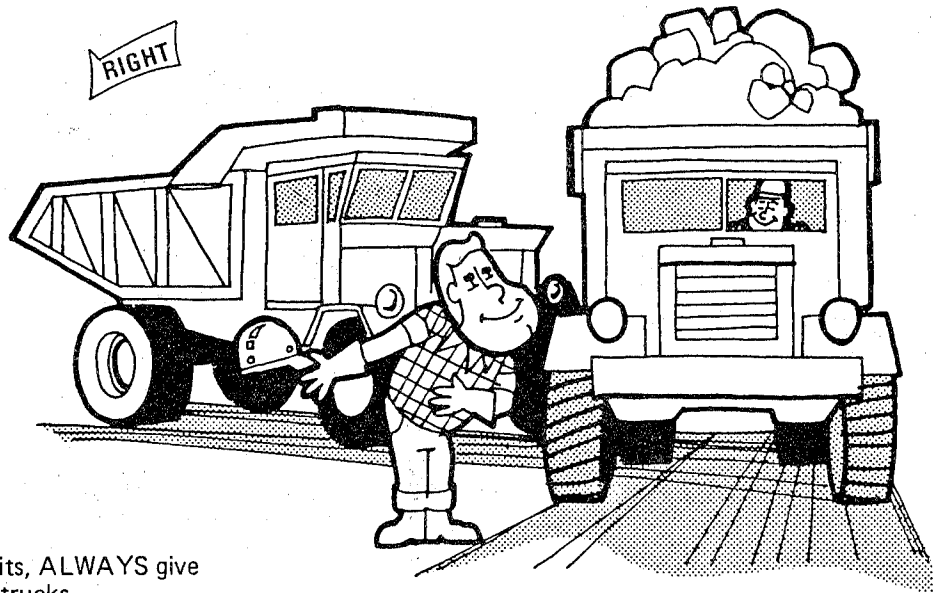


- Before backing up, assure yourself that area is clear. Be sure back-up lights and reverse alarm are operating, if truck is so equipped

- In congested areas — SLOW DOWN!
- Keep a safe distance from vehicle in front
- MAINTAIN PROPER STOPPING DISTANCE UNDER ALL CONDITIONS OF SPEED AND LOAD!



4 YOUR NEXT MOVE - OPERATE SAFELY

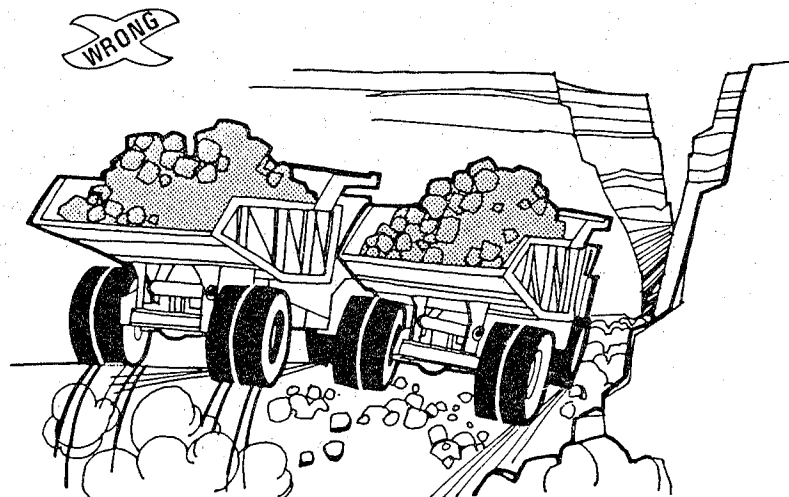


- On haul roads and in pits, ALWAYS give right-of-way to loaded trucks

OPERATOR'S SAFETY MANUAL

4 YOUR NEXT MOVE - OPERATE SAFELY

- Don't pass ANYWHERE unless permitted and you have enough RESERVE power to do so safely. Make sure road ahead is clear before pulling out
- If a disabled vehicle blocks your lane, slow down – and pass with extreme caution.
- At night, dim headlights for oncoming vehicles.

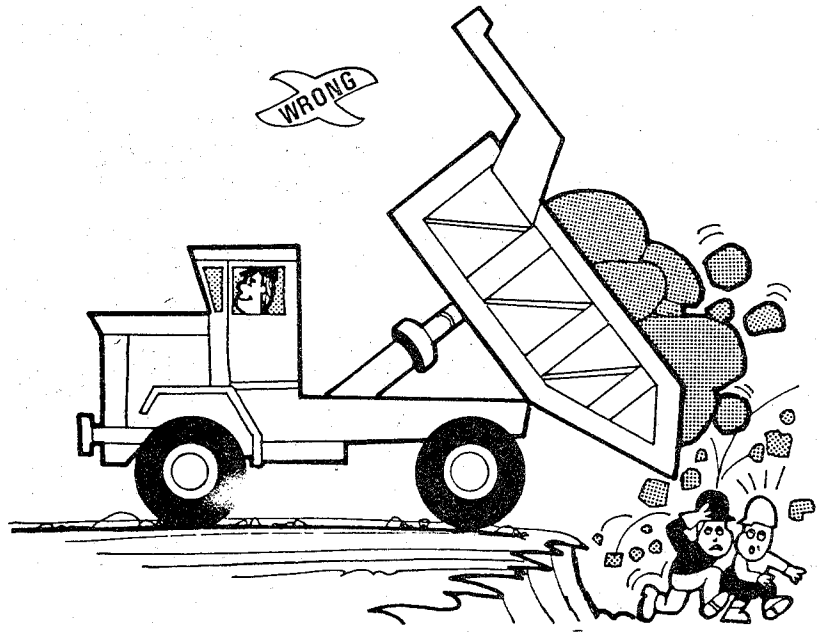


4 YOUR NEXT MOVE - OPERATE SAFELY

When Dumping . . .

Before dumping in any area —

- If spotter is present, follow his directions.
- Make sure way is clear of personnel and obstructions
- Watch out for soft edges and holes.
- Don't stand — or leave seat — during operation.

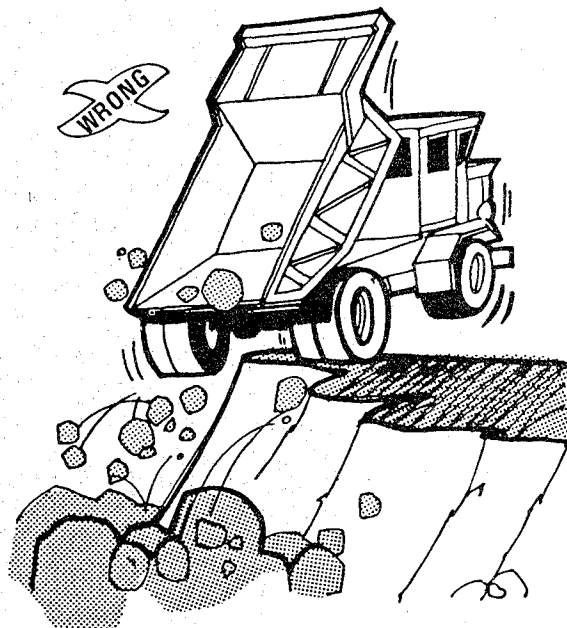


OPERATOR'S SAFETY MANUAL

4 YOUR NEXT MOVE - OPERATE SAFELY

When dumping over spoil bank or stock piling —

- Stay a safe distance from edge of dump area
- Follow the "spotter's" directions!
- Keep truck level.
- Place transmission in neutral and apply brake. **TRUCK SHOULD BE STATIONARY BEFORE HOIST IS MOVED TO DUMP POSITION.**
- Before pulling away, be sure brake is released and body is down.
- Pull away **CAUTIOUSLY.**





H.S.A. SAFETY TOPIC



METAL/NONMETAL OFF-HIGHWAY TRUCK ACCIDENTS RELATED TO SEAT BELTS
1982-1984*

From 1982 through 1984, there were 308 accidents, including 18 fatals, related to off-highway ore truck operations. A failure to use seat belts appears to be a factor in 130 (42.2 percent) of the accidents.

Of the 130 accidents, six (4.6 percent) resulted in fatalities, 110 (84.6 percent) resulted in nonfatal days lost and 14 (10.8 percent) involved no days lost accidents. Of the six fatals, four occurred when the victim was thrown from the vehicle, one when the victim jumped out and one when the victim struck the windshield and dash. One of the trucks from which the victim was thrown had an open cab. In three of the fatals, no seat belts were installed and in the other three the seat belts were not used.

Table 1 shows the cause of the injury in each of the accidents. Striking a berm, rock, hole or motor vehicle resulted in 47 (36.2 percent) of the injuries. In 40 of the accidents, the victim was thrown around in the cab and incurred injuries to the body. In seven of the accidents, the head was injured. Striking a berm or another vehicle may indicate lack of, or improper, training in driving ore trucks. Or, it may indicate a lack of familiarity with the equipment and being unable to judge the width of the truck when passing close to a berm or another vehicle. Hitting a hole or a rock in the roadway may be caused by inattention, by distraction of the driver, or not being able to judge the width of the truck.

Thirty one (28.8 percent) injuries occurred when the truck overturned on the same level. In all of these accidents, the victim was tossed around in the cab, was thrown out, or jumped.

Table 1

Cause of Injury

	<u>Number</u>		<u>Percent</u>
Struck object (berm, vehicle, rock)	47		36.2
Thrown around in cab--struck body		40	
Thrown around in cab--struck head		7	
Overturned on same level	31		23.8
Jumped to avoid danger	17		13.1
Drove or slid over stockpile or road edge	16		12.3
Surface collapsed	14		10.8
Other	5		3.8
Total	<u>130</u>		<u>100.0</u>

*Prepared by MSHA, Denver Safety & Health Tech. Center

Thirteen of the overturn accidents on the same level were due to malfunctions of the truck. Retarder failure, power steering hoses breaking or the engine dying resulted in the operator losing control of the truck.

Eight overturn accidents were caused by poor operating techniques such as failure to shift gears properly and operating the truck at too low an engine speed causing the engine to die. Each of these led to loss of control of the truck.

Three overturn accidents were caused by lack of attention on the part of the driver such as reaching for lunch buckets or air conditioner controls. The remainder of the overturn accidents were caused by sinking into soft ground and overturning, striking rocks and shifting loads.

Driving or sliding over a stockpile edge or road edge resulted in 16 accidents (12.3 percent) when the driver was tossed about in the cab, was thrown out or jumped. These accidents occurred when the driver backed up too close to the stockpile edge, drove too close to the edge of the road or slid over the edge of a road or stockpile because of wet or muddy conditions.

Jumping from the cab in an attempt to avoid serious injury resulted in 17 (13.1 percent) injuries. The most common conditions associated with jumping was loss of control of the truck, which includes impending overturns and the surface of the road or stockpile giving way. In all of those accidents, the victim jumped prior to the accident.

Fourteen accidents occurred when the surface on which the truck was operating collapsed. Twelve injuries occurred when stockpile surfaces collapsed and two when roadway edges gave way. In all of these accidents, the operator was thrown around in the truck cab.

Conclusions

Most of the injuries in which the victim was thrown around in the cab after striking an object could have been eliminated or at least reduced in severity if seat belts had been properly used. If the truck overturned on a working surface, the seat belt would also serve as a constraining device to prevent the operator from being thrown from the cab.

Sliding or falling from an elevated roadway as a result of an embankment collapse, or accidentally driving over the edge of an embankment or stockpile, is potentially one of the most catastrophic accidents that can happen while operating off-highway trucks. However, the use of seat belts can reduce injuries and save lives. For example, a 35-ton CAT end dump was dumping over a bank. The bank stockpile was undercut and collapsed. The truck turned end over end and landed upright. The driver sustained minor cuts from his thermos cap. He was wearing his seat belt.

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Another driver reported, "My truck went over the dump backwards. I unfastened my seat belt and climbed back up to the top of the dump."

An additional safety factor could be obtained by the installation of a combination lap and shoulder belt. According to the National Highway Traffic Safety Administration, the estimated effectiveness of lap and shoulder belts in reducing deaths was 77 percent in frontal crashes and 91 percent in rollovers. While this report deals with passenger cars, light trucks and vans, it can be assumed that decreases in injuries and fatalities can be expected by the use of lap/shoulder combination in off-highway trucks.

Recommendations

1. It is recommended that mining companies institute a mandatory seat belt usage program at all mines to help reduce injuries and injury severity rates.
2. Where feasible, it is recommended that lap and shoulder belts be required in all off-highway trucks.



H.S.A. SAFETY TOPIC



Decrease ALL Accidents

Management in industry and business have long recognized the importance of stressing safety principles in the performance of job tasks. And most employees, as well, realize the inherent dangers of their jobs and take the necessary precautions against accident and injury.

Management also realizes that an employee injured at home, on the highway, or while on vacation can interrupt production schedules and increase operating costs as much as if injured on the job. Off the job injuries, in addition to those sustained on the job, have a direct bearing on the company's competitive position.

Companies can often measure their losses but the personal costs to the injured employee are sometimes beyond measure. The employee alone must endure the suffering brought on by the injury.

When employees check out at the end of their shifts, they become members of the general public and as such face hazards on the streets and highways, in the home and at play.

Individuals who have been exposed to a carefully constructed and consistently maintained safety network will carry this attitude into their personal lives.

This should result in a decrease of accidents in all phases of life.

ABSTRACT FROM FATAL ACCIDENT

*This fatality could be discussed at your regular on-the-job safety meeting.



Fatal Fall of Roof

General Information: A fatal roof fall accident occurred approximately 18 feet from the face of a crosscut resulting in the death of an assistant mine foreman with 12 years experience.

Description of Accident: The victim, assistant mine foreman, entered the mine and arrived on the section a short time later. He examined the proposed work areas and assigned duties and work locations to the crew members. The continuous miner-operator advanced the coal face (box cut) on the left side and installed two temporary roof supports (roof jacks) in the box cut and with the assistance of the continuous-miner operator helper and the shuttle car operator, installed two sections (10 feet long) of ventilation tubing. The continuous-miner operator repositioned the continuous-mining machine on the right side of the working place and three or four shuttle cars of coal were mined. Meanwhile, the victim walked into the working place and positioned himself in by permanent roof supports, between temporary roof support and the continuous-mining machine. When the continuous-miner operator saw the assistant mine foreman on the other side of the continuous miner, he turned the machine off and went around to near where he was standing. Suddenly, a large piece of bastard sandrock fell, covering the assistant mine foreman and scraping the shoulder of the continuous-miner operator.

Conclusions and Findings of Fact:

1. The victim had proceeded beyond the last row of permanent roof supports and was standing between a temporary roof support and the continuous-mining machine while at least one shuttle car of coal was being mined--a violation of the approved roof-control plan, Section 75.200.
2. Only two temporary roof supports had been installed in the face area of No. 16 crosscut. The approved roof control plan requires four temporary roof supports starting within five feet of the last row of permanent roof supports, and installed on 4-foot centers to within four feet of the face of the box cut--a violation of the approved roof control plan, Section 75.200.

ABSTRACT FROM FATAL ACCIDENT

*This fatality could be discussed at your regular on-the-job safety meeting.



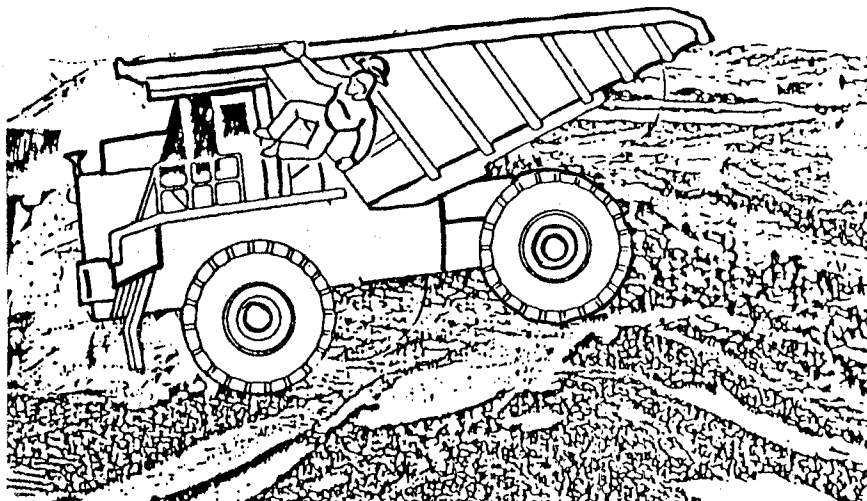
Fatal Powered Haulage Accident

General Information: A haul truck driver was fatally injured when he lost control of his vehicle. The haul truck climbed an approximately 7-foot high pile of stone (berm) with its right wheels, abruptly turning the truck sideways and apparently throwing the driver out of the cab onto the ground. The left rear duals passed over the victim's body causing severe crushing injuries. The driver had a total of 18 years of mining experience, all at this limestone quarry and plant. The limestone was drilled, blasted and hauled to a primary crusher building. It was then conveyed to the plant where it was further crushed, sized and loaded onto stockpiles or ships.

Description of Accident: The victim reported for work and received instructions from the shift manager to drive his loaded truck from the shovel at the quarry face two miles to the primary crusher. The driver performed this work activity for several hours when the truck went out of control on the quarry haul road. He had just dumped a load at the crusher and was returning to the shovel. For some unknown reason, the haul truck left the road and traveled approximately 40 feet along the right shoulder until the haul truck struck and climbed an approximately 7-foot high berm. The speed of the truck was estimated at approximately 20 mph. The truck rode over three berm piles and then made an abrupt turn to the right. Tire tracks indicated that the truck was leaning to the left and may have been airborne at times. When the truck struck the third berm pile the rear of the truck was thrown sideways to the left. The impact and sudden turn apparently threw the driver from the truck to the ground. The left rear duals ran over the victim, crushing him.

Cause of Accident: The accident was caused by the victim losing control of the haul truck. Why this happened was not clear. Contributing to the seriousness of the accident was the fact that a seat belt was not provided in the truck.

It is recommended that seat belts be provided and used by all employees while operating mobile equipment, including haul trucks.





H.S.A. SAFETY TOPIC



PRESS HIGHLIGHTS

EXECUTIVE AND REGULAR MEETINGS

NATIONAL COUNCIL

HOLMES SAFETY ASSOCIATION

The executive meeting of the May 28, 1987 national council was called to order with welcoming remarks by President David E. Hazlett, at 9 a.m., followed with the invocation by Council Chaplain Harry Thompson and Pledge of Allegiance in the Corinthian Room, Comfort Inn-Tonidale, Pittsburgh, Pennsylvania, May 28, 1987.

The Secretary read the minutes of the Executive and Regular meetings of the Council held at Canaan Valley State Resort, Davis, West Virginia, May 21, 1986. The Secretary complimented all committees, agencies, distributors and dealers for their time and generous support.

All business reports were briefly presented by the finance, treasurer and awards committees and approved by a quorum of 32 of the 46 executive members present. All reports were presented in full at the regular meeting.

The Secretary's flash report of activities for 1986 was approved.

The Executive body approved the Secretary's request to solicit \$5,000 from the Joseph A. Holmes Safety Association to purchase decals.

It was moved and carried to permit the Secretary to withdraw accumulated interest on the certificate of deposit and transfer same to the checking account.

It was moved and carried that the Secretary purchase and present to the family an engraved plaque in the name of the honorable deceased member the John O. Miller council was named after.

The President called for the nominating committee to meet and draw up a slate to be called for recognition and approval at the regular meeting.

The President adjourned the meeting at 9:50 a.m. with coffee and danish pastries provided from district councils donations. Regular meeting to begin at 10 a.m.

The regular meeting opened at 10 a.m. with President Hazlett presenting his Address of Welcome and Annual Report.

The President introduced official members at the head table.

There were 130 members from 17 states representing management, labor, state, federal, insurance associations, distributors/dealers and retirees all related to the mineral extractive and allied industries.

Many wives of the delegates went on a bus, river boat and shopping tour of Pittsburgh during the meetings.

The Secretary gave a brief report of the business and action taken at the 9 a.m. executive meeting.

The finance audit and treasurer reports were presented in full and accepted.

AWARDS/MERIT Presented by: David Hazlett

The committee approved five proposals and nominated:

- (a) John M. DeMichiei Dist 2. Pennsylvania
- (b) John W. Barton Dist 9. Colorado
- (c) Richard Murphy D.E.R. Pennsylvania
- (d) Bart Lay Dept. Energy West Virginia
- (e) Eugene Jones R&P Coal Co. Pennsylvania

SAFETY PERFORMANCE AWARD Presented by: Richard Murphy
for immediate action in saving a life:

- (a) Nancy Magera Pennsylvania
- (b) Jack Paciga Pennsylvania
- (c) Joseph Spiker Pennsylvania

OUTSTANDING SERVICE AWARD Presented by: Bart Lay
for faithful and dedicated services:

- (a) Walter R. Schell Dist. 9 Colorado
- (b) Ival Van Horne Dist. 9 Colorado
- (c) Doug Huber Dist. 9 Montana
- (d) Keith Hill Energy Fuels Coal, Inc. Colorado

MAN AND WOMAN OF THE YEAR AWARD Presented by: John English
for extraordinary services and support:

- (a) Irmadell Pugh Dist. 3 West Virginia
- (b) Donald Conrad Dist. 2 Pennsylvania

ELECTION OF OFFICERS

Moved, carried and adopted with three nominations from the floor increasing the executive committee to 43 members.

1987-88 TERM

President	James Clem	Management
First Vice President	Roy Bernard	M/NM Administrator
Second Vice President	Bart Lay	State
Third Vice President	Joe Main	Labor
Fourth Vice President	Dan Cronin	Industrial/Dealer
Secretary Treasurer	William Hoover	Holmes Safety Assn.
Asst. Secretary	Linda Lofstead	Holmes Safety Assn.

To The Board Of Directors Joseph A. Holmes Safety Association Section 5. Not more than six representatives of The Holmes Safety Association shall serve on the board of directors of The Joseph A. Holmes Safety Association at one time, three of which shall be elected annually in a manner the constitution and bylaws provide.

<u>May 28, 1987</u> <u>Term Expires</u>	<u>May 1988</u> <u>Term Expires</u>	<u>Nominees 1987-89</u>
James Clem	Edward Onuscheck	James Clem
Bart Lay	Walter Vicinelly	Bart Lay
Richard Murphy	William H. Hoover	Richard Murphy

Change Of The Guard

President David Hazlett passed the gavel to incoming President James Clem.

President Clem presented outgoing Presidential Plaque Award to Hazlett.

Hazlett closed his term expressing heartfelt thanks to the entire association.

President James Clem called upon the council's honored guest Jerry Spicer, Administrator Coal Mine Safety and Health, Arlington, Virginia, for remarks.

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Mr. Spicer touched base briefly on the MSHA oversight hearings in Washington, D.C. and also pledged full support to the Holmes Safety Association encouraging the members to expand further and involve more members.

The President called upon John Banovic, Secretary-Treasurer, United Mine Workers for remarks.

State Council Reports

Bart Lay, President of the West Virginia State Council presented the Council's Annual Report.

Richard Murphy, President, Pennsylvania State Council presented the Council's Annual Report.

District Councils

Secretary Hoover called delegates of 14 District Councils to the floor for brief Annual Reports.

Charley Jones, Member-at-Large, gave a short safety talk.

Secretary Hoover presented brief report of 1986, activities of the National, State, District Councils and Chapters and referred members to the full report on pages 65-71 of The Annual Report.

Old Business

Secretary announced the six winners of the 1986 district council safety competition. Delegates of winning councils will be awarded at the banquet.

Secretary announced that those recognized for chapter promotion and formation will also be awarded at the banquet. Those not present due to budgetary limitations will receive their award by mail.

A motion was entered, seconded, moved and carried permitting the treasurer to withdraw the interest on the certificate of deposit, and transfer it to the checking account and leave the \$7,500 remain as is.

The chairman then called upon Bobby Gibbs, MSHA, Vincennes, Indiana, for information on the 1988 meeting location.

Mr. Gibbs presented letters of invitation and welcome from the Mayor, city of Evansville, Executive Director of Convention Center Visitors Bureau and Ramada Inn, all inviting the National Council to hold its annual 1988 meeting in Evansville, Indiana.

July 1987

Richard Burns, Inspector, Old Ben Coal Company and delegate of Southern Indiana Joint Industry Safety Committee, Holmes Safety Council, also welcomed the National Council to the district.

A general discussion was held and it did not take long for the assembly to decide to accept the invitations by unanimous vote thanking Mr. Gibbs and Mr. Burns for their good will.

The Secretary will undertake to establish a definite meeting date in May, complete arrangement by contract and inform the officers, executive members and entire membership of progressive steps taken.

President Clem then appointed the following committees to serve 1987-88 term.

FINANCE-AUDITING COMM.

Bobby Gibbs (Chair)
John English
Robert L. Vines

MERIT AWARDS COMM.

Robert Barrett (Chair)
William Hoover
Donald Conrad

NOMINATING COMMITTEE

Harry Thompson (Chair)
Art Guty
Harry Tuggle
Richard Murphy

The President then gave his closing remarks and announced that the Joseph A. Holmes Safety Association meeting will commence, same room at 2 p.m., the host cocktail hours from 4:30 to 6:30 p.m. and banquet at 6:30 p.m. Meeting adjourned at 12 p.m.

The entire membership of the National Council wishes to thank the following donors for their considerations and generosity:

Donations for Annual Meeting

Eickhoff Corporation
Indiana District Council
Bud Davis Trucking Inc.
DeMaria Signs and Neon
Mine Safety Appliance
Joy Manufacturing Co.
National Mine Service Co.
Joseph A. Holmes Safety Association
Clymer District Council

Pittsburgh, PA
Indiana, PA
Blairsville, PA
Homer City, PA
Dunbar, WV
Canonsburg, PA
Indiana, PA
Arlington, VA
Punxsutawney, PA

July 1987

Donations for Annual Meeting

Von Senden Company
Riverside Market #11
Wm. "Scotty" Groves
Mine Safety Appliance Company
John O. Miller District Council
CSE Corporation
Charles Ballato
David Hazlett
Don Conrad, Pennsylvania Bit Council
James Clem, Old Ben Coal Co.
Bart Lay, West Va. State Council

Pittsburgh, PA
Indiana, PA
Finleyville, PA
Glenshaw, PA
Ebensburg, PA
Pittsburgh, PA
Weirton, WV
Elderton, PA
Johnstown, PA
Henderson, KY
Charleston, WV

TO ALL OF YOU--

**Thanks for making this an
outstanding annual meeting**

CHAPTER FORMATION AWARDEES

<u>NAME</u>	<u>NO. OF CHAPTERS ESTABLISHED</u>
Jim Whetsell	10
Art Guty	23
David Martin	10
Ronald V. Marrara	10
Aaron B. Justice	10
Frank Cervo	21
James W. Vencill	28
Raymond E. Coleman	17
Charles D. Cooper	10
James Kulcher	15
Layton Dye	14
Jonas Reeves	20
Billy W. Damron	16
Gerald W. McMasters	25
Thomas L. Yonts	26
Jerry F. McDaniels	30
Leland Payne	10
Donald R. Bartlett	17
Stanley Waggoner	19
Virgil D. Wainscott	12
Arthur D. Swanson	17
Charles H. Sisk	11
Lee R. Aslinger	18
	<u>389</u>



H.S.A. SAFETY TOPIC



Mine Fatalities
Coal and Metal/Nonmetal Mines
1985, 1986, January - April 1987

	<u>COAL</u>			<u>METAL/NONMETAL</u>		
	1985	1986	1987	1985	1986	1987
Electrical	8	9	1	5	7	4
Exploding vessel under pressure		1			1	
Explosives and breaking agents	4	3			1	1
Falling, rolling sliding rock or material	4	4		9	3	1
Fall of face, rib, side of highwall	2	3	1	4	2	
Fall of roof	16	26	4	5	3	2
Handling material	1	1		3		
Handtools				2		
Powered haulage	18	20	5	15	15	9
Hoisting		2				
Ignition/Explosion of gas or dust	5	1		1		
Inundation	1					1
Machinery	6	8	1	5	7	4
Slip/Fall of person	1			4	7	2
Stepping/Kneeling		1				
Other	1	7		2		
TOTAL	67	86	12	55	46	24

We are counting on you to help in protecting yourself from injury from any cause--Resolve to work safely--Stay Alive in '87.

HOLMES SAFETY ASSOCIATION
 SORTED BY STANDING
 COAL-SURFACE
 SAFETY COMPETITION REPORT

YEAR-TO-DATE: JANUARY THRU MARCH 1987

QUARTER 1

COUNCIL NAME	CNCL NUM	WORK HOURS	LOST TIME ACC	FTLS	INCI-DENCE RATES	NO MTGS	NO CHAP	STD	WORK HOURS	LOST TIME ACC	FTLS	INCI-DENCE RATES	TOT NO	AVG NO
KISKI - TRI-COUNTY COUNCIL	PA08	32,957	0	0	.00	3	2	1	32,957	0	0	.00	3	.5
CLYMER COUNCIL	PA04	15,117	0	0	.00	3	2	2	15,117	0	0	.00	3	.5
SOUTHEAST OHIO COUNCIL	OH02	302,770	1	0	.66	3	11	3	302,770	1	0	.66	3	2.8
SOUTHERN ILLINOIS OPEN-PIT	IL06	740,767	7	0	1.89	1	11	4	740,767	7	0	1.89	1	2.8
NEW RIVER VALLEY COUNCIL	WV10	364,808	4	0	2.19	1	45	5	364,808	4	0	2.19	1	11.3
N. INDIANA JT. COMM. FOR COAL MINE SAF	IN01	427,585	7	0	3.27	1	6	6	427,585	7	0	3.27	1	1.5
GROVE CITY/CLARION COUNTY COUNCIL	PA05	405,137	7	0	3.46	1	14	7	405,137	7	0	3.46	1	3.5
INDIANA COUNCIL	PA07	169,584	6	0	7.08	2	5	8	169,584	6	0	7.08	2	1.3
JOHN O MILLER COUNCIL	PA09	42,397	2	0	9.43	3	1	9	42,397	2	0	9.43	3	.3
WINDBER COUNCIL	PA11	8,243	1	0	24.26	1	1	10	8,243	1	0	24.26	1	.3

GROUP III

HOLMES SAFETY ASSOCIATION
 SORTED BY STANDING
 COAL-UNDERGROUND
 SAFETY COMPETITION REPORT

YEAR-TO-DATE: JANUARY THRU MARCH 1987

QUARTER 1

COUNCIL NAME	CNCL NUM	WORK HOURS	LOST TIME ACC	FTLS	INCI-DENCE RATES	NO MTGS	NO CHAP	STD	WORK HOURS	LOST TIME ACC	FTLS	INCI-DENCE RATES	TOT NO	AVG NO
WILLIAM "SCOTTY" GROVES COUNCIL	PA06	1,603,997	61	0	7.61	3	19	1	1,603,997	61	0	7.61	3	4.8
JOHN E. JONES	IL02	2,892,211	120	0	8.30	1	14	2	2,892,211	120	0	8.30	1	3.5
NEW RIVER VALLEY COUNCIL	WV10	1,510,776	72	0	9.53	1	40	3	1,510,776	72	0	9.53	1	10.0
INDIANA COUNCIL	PA07	1,808,536	162	0	17.92	2	17	4	1,808,536	162	0	17.92	2	4.3

COUNCIL NAME	CNCL NUM	WORK HOURS	LOST TIME ACC	FTLS	INCI-DENCE RATES	NO MTGS	NO CHAP	STD	WORK HOURS	LOST TIME ACC	FTLS	INCI-DENCE RATES	TOT NO	AVG NO
SOUTHERN INDIANA JT SAFETY COM & HSA	IN02	887,654	5	0	1.13	1	6	1	887,654	5	0	1.13	1	1.5
WINDBER COUNCIL	PA11	74,379	1	0	2.69	1	7	2	74,379	1	0	2.69	1	1.8
WESTERN MARYLAND	MD02	115,277	2	0	3.47	1	22	3	115,277	2	0	3.47	1	5.5
POTOMAC VALLEY	MD01	461,920	13	0	5.63	2	8	4	461,920	13	0	5.63	2	2.0
SOUTHEAST OHIO COUNCIL	OH02	1,032,579	31	0	6.00	3	7	5	1,032,579	31	0	6.00	3	1.8
NORTH CENTRAL COUNCIL	WV11	1,047,565	32	0	6.11	1	4	6	1,047,565	32	0	6.11	1	1.0
WALTER W "KINGFISH" KESSLER	IL07	959,587	32	0	6.67	1	5	7	959,587	32	0	6.67	1	1.3
KISKI - TRI-COUNTY COUNCIL	PA08	109,104	5	0	9.17	3	5	8	109,104	5	0	9.17	3	1.3
CLYMER COUNCIL	PA04	71,847	4	0	11.13	3	6	9	71,847	4	0	11.13	3	1.5
JOHN O MILLER COUNCIL	PA09	339,329	32	1	19.45	3	2	10	339,329	32	1	19.45	3	.5

GROUP II

GROUP III

H.S.A. SAFETY TOPIC



Foot Care & Comfort

When your feet hurt, everything else hurts with them. To help avoid foot trouble, check your old shoes for areas of heavy wear; this is an excellent guide to what may be causing foot discomfort. For example, if your shoes tend to wear out at the toe, they may be too short for your feet.

Shop for shoes in the afternoon; your feet are larger then because you've been on them all day. Since one foot is usually slightly larger than the other, always buy shoes to fit both feet.

Ask the clerk to measure both your feet when you are sitting and when you are standing. Check out all shoes for tacks, rough spots or open seams that may cause the shoe to wear out sooner than it should.

If your job requires safety shoes, be sure you wear them. Think of the shoes as insurance against foot injuries. There are special safety shoes for electrical workers, foundry workers and for those who work in an explosive atmosphere. Whatever the type, your safety shoes will probably have a built-in safety toe and a half-inch of toe room. Your job may also require a metatarsal guard to shield the top of the foot and lower ankle.

You should always keep your foot protection in good order. Replace run-down heels; use a shoe tree in the oxford types. And don't forget to wear your safety shoes when you do chores around your home.



H.S.A. SAFETY TOPIC



Locked In or Locked Out?

Extra locks on windows and doors can keep unwanted visitors from entering. If it takes too long to break in, they may give up trying. Inside security chains, dead-bolt and double cylinder locks, broom handles at the base of sliding doors and grills and bars over glass may keep intruders out but...can the residents make an emergency exit? Can the children reach and unlock all security fastenings? Do they know where every device is placed? Can all exterior doors be opened from the inside without a key? Can windows, storms and screens be raised easily? Take a look at your locks and train all family members in their operation.



H.S.A. SAFETY TOPIC

Vibrating Tools

The hazards of noise created by vibrating power tools are widely recognized, but few people realize that the vibration itself can cause circulatory disorders of the fingers, hands and arms. Sometimes called vibration-induced white finger or VWF, this malady is observed in occupations involving constant use of vibrating tools such as chain saws or chipping hammers.

The first indication of VWF is intermittent tingling or numbness of the hands, followed by a whiteness or numbness of the finger tips (this is temporary initially, but in severe cases of VWF, becomes permanent), and progressing to a state of tissue starvation which leaves the affected areas dusk colored.

If you have worked constantly with a vibrating tool for a year or more, you should be tested for VWF. When symptoms of the disease are found, the time you spend operating the vibrating tool should be reduced.

To protect workers against vibration, tools should have vibration-dampening material in their handles; cold, damp and drafts should be eliminated and vibration-dampening gauntlets or gloves with elastic inserts should be worn.



H.S.A. SAFETY TOPIC

Where Was Safety?

The machines were running and Albert was working in the area by the gear drive. The guard enclosing the gears previously had been removed for maintenance work and had not been replaced. As Albert moved by, his shirt was caught by the exposed gears. As he attempted to pull his shirt free, two of his fingers were caught in the gears and were severely injured.

If SAFETY had been on the job in Albert's plant before this accident occurred, it could have been avoided because:

The missing guard would have been reported and replaced immediately. An electrical interlock would have been installed on the guard. All personnel would have been trained in proper lock-out procedures.

Put SAFETY in your plant--work super safely.



H.S.A. SAFETY TOPIC



Safety Doesn't Just Happen!

The prevention of accidents is a full-time job for a relatively small group of safety professionals in most countries of the world. But over the years their continuing efforts have resulted in the saving of many lives and in the establishment of ever better and safer working conditions. Every now and then, however, for whatever reason, the seed sown by these few seems to fall on barren ground--accidents suddenly show an increase, and the incidence of serious injuries also rises. Reasons for such a situation include the introduction of new equipment, new work procedures, new employees in new environmental conditions and the changing attitudes of our times.

Whatever the reason, it becomes more and more apparent that there can be no relaxation of safety effort--new programs must be devised and introduced; steps must be taken to instill safety awareness into those who are entering the work force for the first time and the older hands must be reminded of the inherent dangers of their occupations and of the existing safeguards. It is a never-ending process of research, training, education, investigation, correction and most importantly, improved management control.

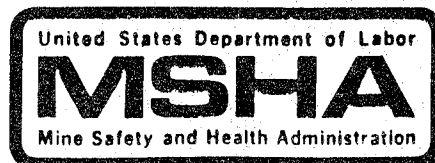
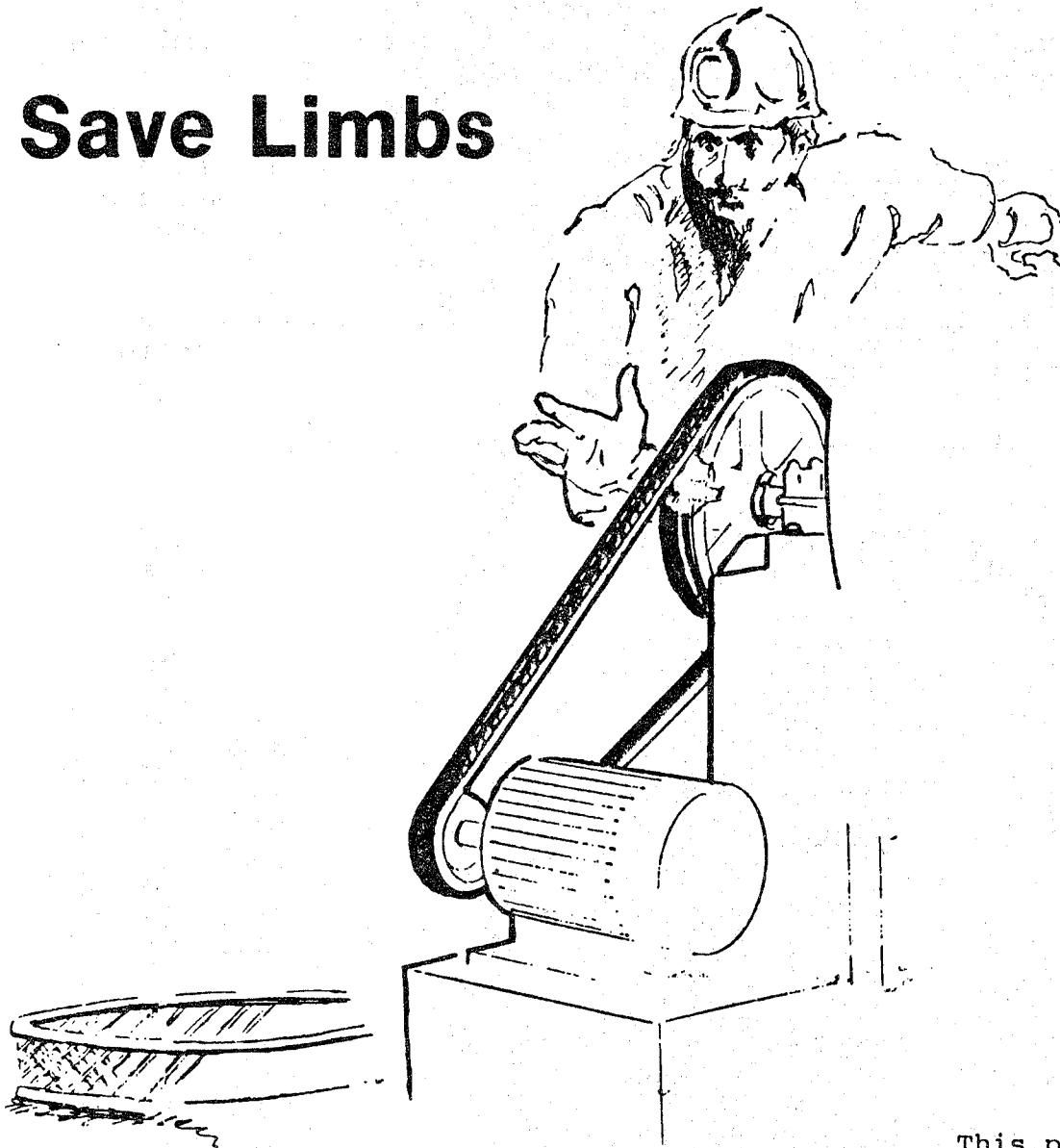
It has been said that work accidents are a reflection of:

- (a) management's capacity to manage;
- (b) the supervisor's capacity to supervise;
- (c) the capacity, ability, or desire of the employee to work in a safe manner.

No one can honestly argue that higher degrees of safety cannot be attained--that accidents cannot be prevented. There is too much irrefutable evidence to the contrary. But safety just doesn't happen! It's the end result of concerted, cooperative action--on the part of management, supervisor and employee. Everyone has their own part to play.

Safe Guards in Place On The Machine

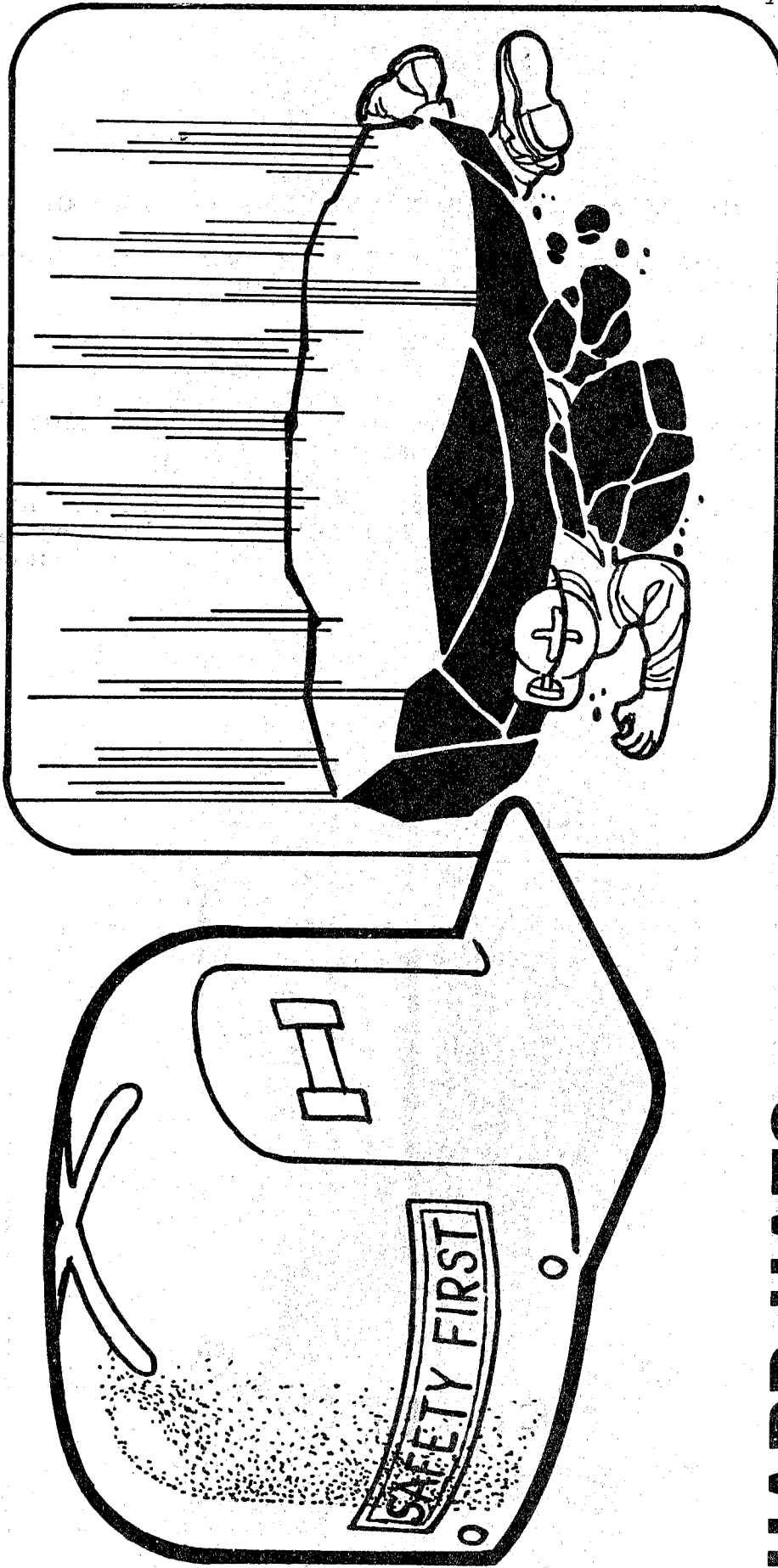
Save Limbs



This poster is available
upon request from:
MSHA, Holmes Safety Assn.
4800 Forbes Ave.
Pittsburgh, PA 15213

Roof Evaluation — Accident Prevention

R.E.A.P. — a program developed to promote health and safety awareness in mining



July 1987



HARD HATS
will not protect Hard Heads who go
inby supported roof



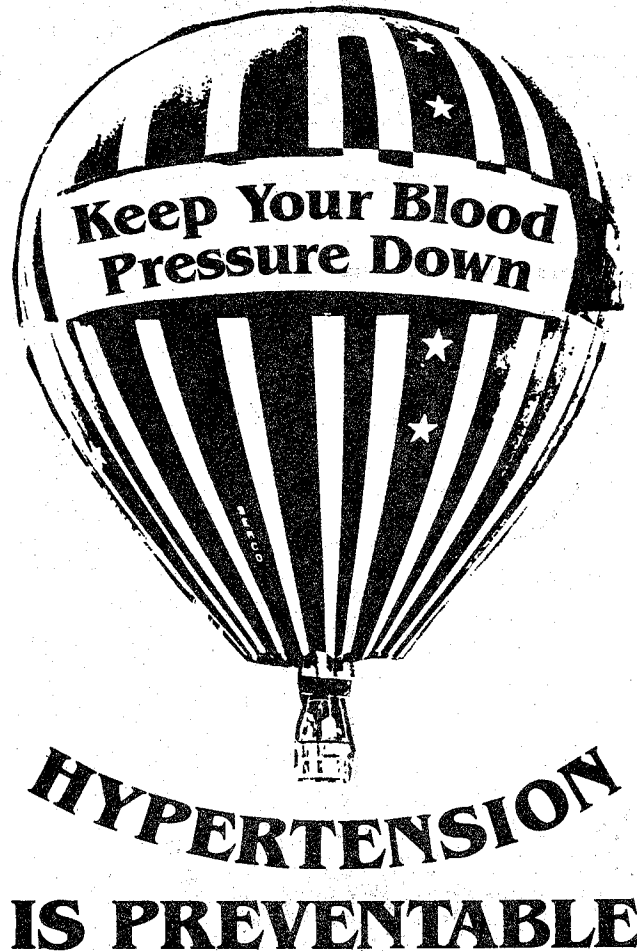
H.S.A. SAFETY TOPIC

MR. JACK SAFETY EVACUATES FEDERAL BUILDING!

The Secretary was asked to mail a 5" x 10" box to the Holmes Safety Association office in Pittsburgh, Pennsylvania.

Apparently, on his way to the mail room, he left the box in the men's room. It was discovered by the Chief of Security and due to previous bomb threats at the building, was removed with caution. The bomb squad, police and fire department were called to the scene and the entire federal building was evacuated.

The box was placed in a chamber and cautiously opened. Lo and behold--what were the contents? Mr. Jack Safety holding up the roof. The box was full of Holmes Safety Association safety decals!!!



THE LAST WORD

"BE SAFE"

I once was able--I once was sound
My wits were keen--I stood on firm ground.

I began to daydream--had a tendency to forget
I never gave a thought of when I would have to sit.

I was loading coal with the best of them
Thinking of the plans I'd made to camp in the mountains, when

I heard a loud rumble high over my head
A familiar sound but a common dread.

Of all coal miners throughout the land
When you hear it, automatically you reach for God's hand.

I prayed--He heard and spared my life
Though mangled and torn, I returned to my wife.

Now I am disable--unfit for a job
My chair is confining but I wasn't robbed

Of my chance to tell of my narrow escape
So that you may learn that it pays to be safe.

So hear me coal miner--I'm one of you
Be alert, be safe in all you do.

Life is short--but oh, so sweet
Remember--whatever ye sow, so shall ye reap.

Sow safety in life that your seed may grow
And others may learn the things you know.

Don't do as I did and forget where you are,
You're not camping or swimming or driving your car.

You're a miner at heart--a miner by trade--
One of the best persons that God ever made.

(Submitted by a Pennsylvania coal miner.)

The Joseph A. Holmes Safety Association was founded in 1916 by 24 leading National organizations of the mining industries.

The Joseph A. Holmes Safety Association is named to commemorate the first director of the Bureau of Mines for his efforts in reducing accidents and illness throughout the mineral industries.

The following is the different award criteria:

Type "A" Awards - For Acts of Heroism

The awards are medals with Medal of Honor Certificate.

Type "A" - For Acts of Heroic Assistance

The awards are Certificates of Honor.

Type B-1 Awards - For Individual Workers

(40 years continuous work experience without injury that resulted in lost workdays)

The awards are Certificate of Honor, Gold Pins and Gold Decal.

Type B-2 Awards - For Individual Officials

(For record of group working under their supervision)

The awards are Certificate of Honor.

Type C Awards - For Safety Records

(For all segments of the mineral extractive industries, meeting adopted criteria)

The awards are Certificate of Honor.

Other Awards - For Individual Workers

(For 10, 20, or 30 years without injury resulting in lost workdays)

The awards are 30 years-Silver Pin and Decal, 20 years-Bronze Pin and Decal, 10 years-Decal bearing insignia.

Special Awards - For Small Operators

(Mine operators with 25 employees or less with outstanding safety records)

The awards are Certificate of Honor!

Contact: HSA Office

Department of Labor
MSHA, Holmes Safety Association
4800 Forbes Avenue, Room A268
Pittsburgh, PA 15213

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