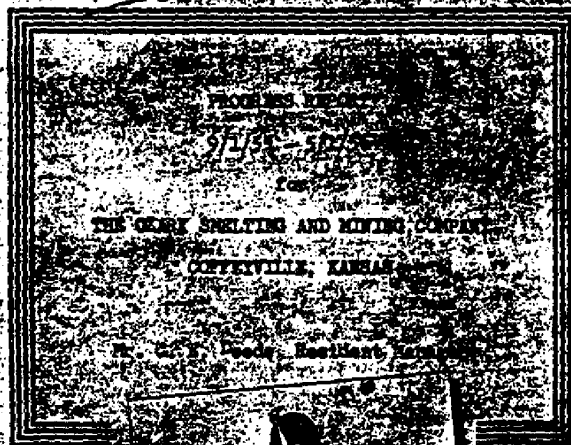


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LOSS PREVENTION DEPARTMENT

0007-SWP-000030999

N18328



BEACON BUILDING, WICHITA 2, KANSAS * AMHERST 5-6633

July 5, 1956

Czark Smelting and Mining Company
Coffeyville
Kansas

Attention: Mr. C. E. Deeds, Resident Manager

Re: Progress Report - 9/1/55 to 5/1/56

Gentlemen:

Accident prevention continues to pay dividends!

The low severity of your industrial accidents compiled during the last forty four months emphasizes the benefits to be gained from an effective accident prevention program. Since low severity means lower accident costs and less economic loss to the employees and employer, the gain is worth the efforts necessary in maintaining your program.

Continued interest in employee safety and progressive advancements in the control measures in effect should enable this period of favorable loss trends to continue.

Very truly yours,

W.C. Galvin

W. C. Galvin
Safety Engineer

WCG:nb

cc: Mr. J. J. Snabl
Mr. G. F. Wyman
Mr. W. C. Howard

0007-SWP-000031000

N18328.01

ACCIDENT DATA

<u>Policy Yr.</u>	<u>Lost Time Accidents</u>	<u>Days Lost</u>	<u>Frequency</u>	<u>Severity</u>
1952	15	215	26.9	385
1953	6	174	11.9	347
1954	8	102	17.1	221
1955 (8 Mo.)	5	66	14.8*	196*

* Manhours pro-rated from 3/1/55 to 5/1/55

COMMENTS:

1. Severity continues to show favorable trend.
2. Lost time accidents remain at a low level considering total employment and type of operations performed.

<u>SUMMARY BY TYPE OF ACCIDENT</u>	<u>NUMBER</u>	<u>DAYS LOST</u>
1. Material Handling	3	32
2. Health Hazards	3	22
3. Machine Operation	1	12
4. Miscellaneous	2	0

LIBERTY MUTUAL INSURANCE COMPANY

0007-SWP-000031001

N18328.02

REPORTED ACCIDENTS

9/1/55 - 5/1/56

<u>DATE</u>	<u>NAME</u>	<u>DESCRIPTION</u>	<u>DAYS LOST</u>
11/3/55	REDACTED	Sprained back when lifting a shovel full of ore.	18
12/5/55		Death - Heart Attack.	0
12/26/55		Blade of machine struck piece of iron buried in ore pile causing him to fall forward against steering wheel.	12
12/30/55		Unloading zinc-lead fume from covered hopper cars. Acute lead poisoning.	22
4/15/56		Sprained back when lifting a shovel full of ore.	7
11/29/55		Overcome by fumes, bumped head.	0
1/1/56		Hauling residue-leaked through boot and burned foot.	0
2/7/56		Pulled burning rubber sponge off stool, burning hand.	0
3/5/56		Strained back pushing bags off truck with long steel bar.	7

*Note: Attorney representing arising from employment.

dependents alleges death

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0007-SWP-000031002

PROBLEMS CONSIDERED AND ACTION TAKEN

Atmospheric Lead Surveys

Atmospheric lead surveys were made in November, 1955 and June, 1956. Conclusions and findings of the November survey by our Industrial Hygienist, Mr. Griswold, were confirmed and discussed. As a result of our discussions, a follow-up atmospheric lead survey was made in June of this year. An evaluation of the exposure, engineering and medical control will be made as soon as the air samples taken are analyzed and a report compiled.

Barium Processes - Hydrogen Sulfide Gas

The creation of hydrogen sulfide gas in the barium process developed a potential occupational disease exposure. The attention given to the development of a safe working environment and the adoption of suggested safe work practices appear to be effective in keeping the exposure under control.

Medical Control of Employees

The medical control program for employees has been evaluated during the year. The program, under the direction of Mr. Kendrick, appears to be an effective control of the lead level on the exposed personnel and operates as a medical check on the existing engineering controls for lead dust.

Our Industrial Health Consultant, Mrs. Virginia Whalen, R. N., visited the plant during June, 1956. This was her first trip to the Coffeyville area, and in the nature of an introductory visit prior to setting up your plant on a regularly scheduled itinerary.

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0007-SWP-000031003

Noise Potential - Packers and Raymond Mills

The tendency for State Workmen's Compensation Laws to recognize industrial loss of hearing claims brought the problem of the high noise level around the packers and Raymond Mills to our attention. Your cooperation in writing to the manufacturers of the vibrators, which were the main noise sources, has resulted in obtaining information on quieter vibrators. You are, at the present time, experimenting with the new vibrators, and it is our understanding that they are proving effective in reducing the noise level.

The reduction of noise at the source is always preferable to providing personal ear protection. Reduction of the noise is especially desirable in your operations where the employee is already required to wear respiratory protection.

We sincerely hope your experiments with the new vibrators will show that they can be adopted in all areas. ●

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0007-SWP-000031004

CURRENT STATUS AND FUTURE PLANS

The low number of industrial accidents reported from your operations is the best visual indication that an effective accident prevention program is functioning at the Coffeyville plant. The limited number of industrial accidents reported makes it difficult to develop any trends or patterns from your industrial accidents through accident analyses. However, there is considerable manual labor required in many of your operations, developing a potential for material handling accidents. Today, physical exertion has a tendency to increase the number of back and muscle strains reported, but fortunately, this has not become a reality at your plant. Here again, it is apparent that your Medical Program is paying dividends in the form of lower accident cost.

The problems considered in preceding sections of this report indicate the attention given to the potential for occupational diseases from your operations. The control programs in effect are currently keeping this exposure at a minimum.

This review of your accident experience and accident prevention control program for three years and eight months reveals that your efforts are producing the desired result of lower accident costs. With a continuation of the emphasis placed on engineering controls, medical controls and employee education, we feel that the favorable trend will continue indefinitely.

We have enjoyed working with members of your organization and the cooperation received during our visits.

W. C. Calvin
Safety Engineer

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0007-SWP-000031005