ANT MANAGER'S SAFETY BOAR

MINUTES OF MEETING

January 17, 1979

cc: P.E. Brubaker
G.E. Small

PLAINTIFF'S EXHIBIT
MON-2024

Present:

G. W. Bostick
J. E. Clark
G. A. Danner
G. W. Daues
W. C. Fuller
J. A. Glass
R. A. Hernandez
R. C. Martini
M. L. Owens
C. M. McCullough
D. W. Metten
G. T. Ryan
H. M. Lacy (for Trafton)
W. H. Triplett

1. REVIEW OF STATISTICS

TEXAS CITY SAFETY PERFORMANCE SUMMARY

December 1978

TOTAL INJURY CASES

1977		1978	
MTD	YTD	MTD	YTD
22	301	21	295

RECORDABLE CASES

	1977		1978	
	MTD	YTD	MTD	YTD
(a) INJURIES WITHOUT LOST WORK-DAYS (Medical Treatment Only)	1	30	3	30
(b) LOST WORKDAYS CASES	0	8	0	6
**B_1 RESTRICTED ACTIVITY	0	4	0	3
**B_2 DAYS AWAY FROM WORK CASES	0	4	0	3
(c) FATALITIES	0	6	0	0
*TOTAL RECORDABLE CASES	1	44	3	36

*A+B+C = TOTAL RECORDABLE INJURIES

**B_1 + B_2 = (B) TOTAL LOST WORKDAY CASES

INJURY RATES PER 200,000 MANHOURS

	1977		1978		DECEMBE YTD 197S MCIC
	MTD	YTD	MTD	YTD	
TIR - TOTAL INJURY RATE	15.81	17.74	15.35	17.10	
RIR - RECORDABLE INJURY RATE	0.72	2.59	2.19	2.09	2.17
TLWR - TOTAL LOST WORKDAY CASE RATE	0	0.47	0	0.35	.6
DAWR - DAYS AWAY FROM WORK CASE RATE	0	0.24	0	0.17	.30

TLWR TARGET: 1:45 (1/2 CHEM. IND. AVG.)

SC 002747

STG 2402067

LAM003954

2. COMMENTS ON STATISTICS -- Glass

The above statistics show lower rates in all categories and becomes the new record best year. A review of the charts shows continuing rising trends in Chemical Contact and Lift/Push/Pull categories. Individual departments with rising trends were also highlighted.

3. OLD BUSINESS

a. Emergency Procedure Manuals -- Glass

It is essentially complete with the exceptions of revisions necessary because of staffing and changes in assignments.

b. Plant-Wide System Survey -- Triplett (b-1)

Following a survey of the plant-wide alarm system, lists of problem areas were developed and repair orders were issued. Some revisions have been made and the system will be tested early this year. An Emergency Procedure Plan test was targeted for January; however, a number of revisions in staffing are underway, and a critique of the changes made since the last test is needed prior to scheduling another test. Tentative date is now expected sometime in February.

Cyanide Area Alarms -- Triplett (b-2)

A series of preliminary testsof the audible alarms is scheduled to determine the proper placement of horns in cyanide producing areas on January 18 or 19. These audible alarms will be used in conjunction with flashing lights on the periphery of cyanide producing units to notify persons of an alarm condition within the unit so that they can remain outside the unit until the condition is corrected. In event that the condition could impact on areas outside the unit, the general plant alarm would be sounded. It is anticipated that a plant-wide publicity and education program would be used prior to puting this alarm system into actual operation. Target date is now set for the end of February.

c. Respiratory Protection on Fit Testing -- Ryan

The P-Bulletin for Repiratory Protection on Fit Testing is now in for typing. It will not be distributed until an approved training program is ready for plant-wide use. The training program is being prepared in Loss Prevention and Safety. It is expected to be completed by the first of February.

d. 1978 Safety and Property Protection Survey -- Glass

The Safety and Property Protection Survey and assignments were made for each recommendation listed in the survey and reported as follows:

Recommendation Number	Title	Responsibility
78-1	Improperly Threaded Nuts	M. McCullough
78-2	Electrical Switchgear Protection	W. C. Fuller
78-3	Eyewash Stations	SAC
78-4	Gas Cylinders	J. A. Glass
78-5	HCN Storage Tanks	J. G. Trafton
78-6	Wind Breaks	SAC
78-7	HCL Unloading	W. C. Fuller
78-8	Fire Protection	J. A. Glass
78-9	Audits	J. A. Glass
78-10	Cylinders	SHAC
78-11	Scrap Pallets	G. A. Danner
78-12	ACY Unit	J. G. Trafton
78-13	Emergency Diesel Shutdown	C. M. McCullough
78-14	Chocks and Derails	G. A. Danner
78-15	EB Dehydro Unit	M. L. Owens
78-16	Alley	J. E. Clark
76-9	HDPE Finish Area	G. W. Daues
76-12	Foot Protection Program	SAC
77-4	Cylinder Storage Area - Stores and Receiving	G. A. Danner
77-5	Sprinkler Maintenance - Stores	G. A. Danner
77-9	Lactic Acid	J. G. Trafton
77-11	Overhead Pipe Racks	J. G. Trafton/ W. C. Fuller

4. Report of the Safety Advisory Committee (SAC) -- Ryan

a. Riding Bicycles Through Operating Units - SHAC is checking on plant practices in operating units before reporting back to SAC

SAC was asked to consider also the problem of control on the number and use of bicyles in the plant.

b. Tech-Facts, No. 31, Control of Water Treatment Processes - The committee reviewed the recommendations of this Tech-Fact and appropriate corrective action and response is in progress. This is considered a normal Utilities responsibility (W. C. Fuller). Fulfillment of the recommendations will be a part of the responsibility of the new Utilities Technology Group now being formed.

c. Lighting Inside Tanks & Vessels - A review of this item resulted in the conclusion that we must conform with OSHA and use only twelve (12) volts inside tanks, except where this is not adequate to provide the necessary power or protection. A special permit to use ground-fault interrupters, (GFI's) must be used. This decision will be highlighted in a bulletin to be issued by SHAC.

d. Tank Content Signs - The request to paint signs on the outside of tanks showing the contents was found to create more problems than the advantage of having the tanks labeled since many tanks have multiple uses and the contents change.

SHAC will respond to this suggestion that came from the Hourly Safety Committee (HSC).

e. Ladder Inspection Procedure - This was approved for issue.

5. Report of Safety and Housekeeping Action Committee (SHAC) -- Triplett/Hernandez

a. Fire & Entry Permit Procedure - SHAC review of the Procedure Bulletin has now written revealed several opinions and misunderstandings which could result in lack of uniform application of the procedure on a plant-wide basis. SHAC has scheduled a review of the procedure with the committee of authors to resolve the problems. It is anticipated that the bulletin will be revised and reissued.

b. Plant Breathing Air Analyzer - The analyzer now monitoring contaminated concentrations in the plant breathing air is on line and in operation in the final development stage. It is currently being used as a good data source. The instrument has not been turned over to the instrument group for maintenance. Allowable limits of contamination and appropriate action steps in case of excursion have not yet been established. Plant wide publicity will be given to this instrument and its use when the instrument and plan

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are ready to use.

c. Procedure for Using Hoses within the Plant - A proposed P-Bulletin on the use of hoses has been forwarded to SAC for review and comments prior to circulation for approval by PMSB.

d. Joint Meeting of 1978-79 SHAC - An all-day meeting of the two SHAC Committees were held to review plant safety program needs. Several programs were reviewed and are currently being evaluated. A proposal for the plant-wide program is expected to be reviewed either in a special called meeting or at the next scheduled meeting of the PMSB on February 21.

6. Review of Incidents

The following incidents were reviewed although the reports have not yet been issued:

a. Fire in Polyethylene Mixer Area (35F)
b. Owens-Corning Insulator Incident (Dept. 53)
c. Recordable Injury to Boilermaker/Laceration to knee
d. Muriatic Acid Spill (Dept. 13)
e. Benzene Tank Overflow (Dept. 13)
f. Condensate Tank Floating Roof-Drain Valve Failure (Dept. 10)

7. Other Significant Events

a. Decatur Fire Report - A report of a major fire in the Monsanto Decatur, Alabama, plant has been received. The causes of the fire evolved around a failure of an AN pump and associated piping. The conflagration was so intense that it caused the rupture of a 650# steam header which shutdown major portion of the Decatur plant for over a week. A detailed report is being circulated in AN and Maintenance in an attempt to learn from the Decatur experience.

8. Contractor Safety - McCullough

McCullough reported that there were several indicators of improved contractor safety performance which he would circulate to members of the PMSB.

9. Removal of Unused Pipes from Pipe Racks

Metten, Danner and Glass will review this problem and have a comment at the next meeting of the PMSB.

10. Duplicate Emergency Radio System

McCullough will review status at the next meeting.

11. Glove Problems

Department 35F is issuing non-slip work gloves for use in handling bags of polyethylene pellets. These gloves offer no protection against exposure to chemicals; however, they are also useful in certain maintenance operations involving use of sharp-edged objects such as--tower trays, sheet metal, tray clips, and other special items. Department 35F plans to stamp their gloves " 35 Pack Out" and limit their use and application. Maintenance Superintendents are responsible for controlling the use of their gloves to the specific applications where this type of hand protection is needed. Loss Prevention and Safety will monitor the use of these gloves on a plant-wide basis to determine the effectiveness of the control measures being employed and will comment on the hazards of improper use and chemical exposures encountered when misused.

12. Galveston County Disaster Preparedness Council - Daues

County Judge, Ray Holbrook, and the University of Texas Medical Branch in Galveston are organizing this council to improve the handling of large numbers of injuries of the type experienced in the Galveston Grain Elevator Explosion and Fire. They are currently making a survey of available equipment and personnel within Galveston County that could be mobilized in case of an extreme emergency. Greg Daues will keep us posted on the activities of this group as the program develops.

Arnold
J. A. Glass

JAG/je