

MINUTES OF MEETING OF
PLANT MANAGER'S SAFETY BOARD -- AUGUST 15, 1975

Present:

E. H. Jones
W. H. Lane
C. M. McCullough
W. C. Fuller
J. G. Trafton
G. W. Daues
G. A. Danner
J. A. Glass
N. L. Marsh
G. T. Ryan
C. A. Peter

Visitors:

Ray Rosenberg
J. L. Rasmussen
Leonard Schwab
J. E. Robinson

I. SHAC COMMITTEE REPORT -- RosenbergA. Kick-Off for Housekeeping Inspection

Ray Rosenberg reviewed the status and the program for Housekeeping Inspection. Kick-off meeting for all supervisors was scheduled for Tuesday, August 19. Leonard Schwab presented an outline of the proposed plan for the inspection preparations. He pointed out that the objective of the plans and preparations was to achieve an EXCELLENT housekeeping rating. Rasmussen showed slides of housekeeping and safety items spotted by Gilmore from the battery limits. Gil entered the units only to take pictures of things that he saw from outside the unit. These slides will be shown in the kick-off meeting. Schwab pointed out that the responsibility for preparedness rests with the individual departments but an overall preparation plan should aid and support these efforts. This plan consists of several prescribed inspections along with some guide lines to promote a high and uniform standard.

In addition to a plan of inspections and follow-up actions by individual departments, two "guest" inspections will be made. The purpose of these is to provide additional input from an outsiders viewpoint, and to measure the preparation being made by the departments. A target of September 1 was established for having all written preparation plans to be submitted to department heads with copy to Ray Rosenberg and the SHAC committee. The week of September 15 will be the date of the first guest inspection. The week of September 29 will be the second guest inspection. These guest inspections are to be conducted by members of the PMSB and members of the SHAC committee in accordance with the prearranged schedule. They will be made along with department supervision and will be reviewed with them following the inspection. The SHAC member will issue a memo to the General Superintendent of the area involved giving the highlights of the result. Copy will be sent to Ray Rosenberg.

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B. Report on Activities of SHAC Committee

- (1) In-Plant Traffic. In-plant traffic was estimated to be 150 vehicles per day plus 108 delivery vehicles or total of 258 vehicles per day. The estimated future will be 184 vehicles plus 140 deliveries, making a total of 324 vehicles per day. J. F. Carlisle and members of the Engineering Services group are making a study of these projected volumes and are preparing a plan to reduce the total traffic in the plant. A report on the activities of this group is expected at the next meeting of the board.

Jim Gatewood has submitted a proposed P-Bulletin for handling unusual loads within the plant as a part of the overall in-plant traffic problem. This is being reviewed by McCullough and is expected to be ready for comment at the next meeting of the board.

- (2) Visibility Program. Rosenberg reported that the alterations to the safety information board will be completed by September 15. The injury light that calls attention to the fact that we have had a serious injury will be turned on from 8 a.m. to 8 p.m. except on weekends. On that occasion, it will be turned on Monday morning and will last for 24 hours for each serious injury sustained.

The fire and spill light will be activated when the alarm is turned in. At that time, the red light will blink as long as the emergency lasts and when the emergency is over, the light will become continuous for 24 hours beginning with the all clear signal. In the case that either of these lights are turned on, information will be put on Dial 5 as soon as adequate information is known. The night superintendents will be instructed as to how to put messages on Dial 5 so that it will be put on during off-hours or weekends.

The new logo sign is expected to be complete and in operation by August 29.

- (3) On-going OSHA Self-Inspection. R. Rosenberg presented results of the OSHA on-going inspection survey, indicating a significant lack of knowledge about the inspection forms and a wide range of inspection procedures and frequencies being noted throughout the plant. The PMSB reviewed the results and agreed to make an inspection using the OSHA inspection forms and provide feedback on the results at the next meeting.

II. VACUUM TRUCK OPERATOR AFFECTED BY AN

Mike McCullough made a summary of the investigation. He pointed out that he had no permanent solutions to offer at this time but would be prepared to make a recommendation at the next meeting of the board.

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III. FIRST AID FOR CONTRACTOR PERSONNEL

Arnold Glass submitted a proposed procedure for providing first aid for contractor personnel in the dispensary. Also included was basic information needed from the contractors prior to their beginning work within the plant. It was recommended that this information be included in the general terms and conditions of the contracts with contractors doing work within the plant. Since the general terms and conditions of the contract are being rewritten and are ready for review, the plant manager appointed George Danner, Mike McCullough, and Ed Jones to review the proposal prepared by John Tissue to make sure that the proposal is in keeping with current plant practice and corporate requirements. A report on the status of this proposal prepared by John Tissue is expected at the next meeting.

IV. PIPE SUPPORTS AND AN-5 PROJECT

Tom Ryan reported that the in-battery limit piping for the AN-5 project will not meet local specifications for super-hazardous lines being supported on shoes. The lines outside of the battery limits will be on pipe shoes as required by local standards. The AN-5 in-battery limit deviation from Texas City standards created a lengthy discussion after which the plant manager requested Plant Engineering Services to keep the L-Manual up-to-date and in line with current experience and practice. He urged all members of all project boards to push to get them accepted in the projects in the future.

V. PROCEDURE FOR INSPECTION OF PIPELINES IN SUPER-HAZARDOUS SERVICE

Jack Trafton reported that a new procedure would be proposed at the next meeting of the board. The procedure will provide methods of inspection and frequency of inspection, methods for notifying owners of lines, means for providing adequate notice to maintenance and operations responsible for action, and means for assuring that proper action has been taken.

The plant manager requested details of the causes of the failure of the chlorine line from the last spill.

VI. PLANT AUTOMOBILES

Ed Jones reported that four out of the six cars in the car pool were ready for trade-in. Two have been bought and two more are on order. The procedure for requesting and using cars is being revised and brought up-to-date. Main cause of lack of maintenance on the pool cars has been their unavailability for maintenance on the weekends. The new procedure will provide for the return of all of the cars on the weekends plus requests for notice from users about any maintenance needed.

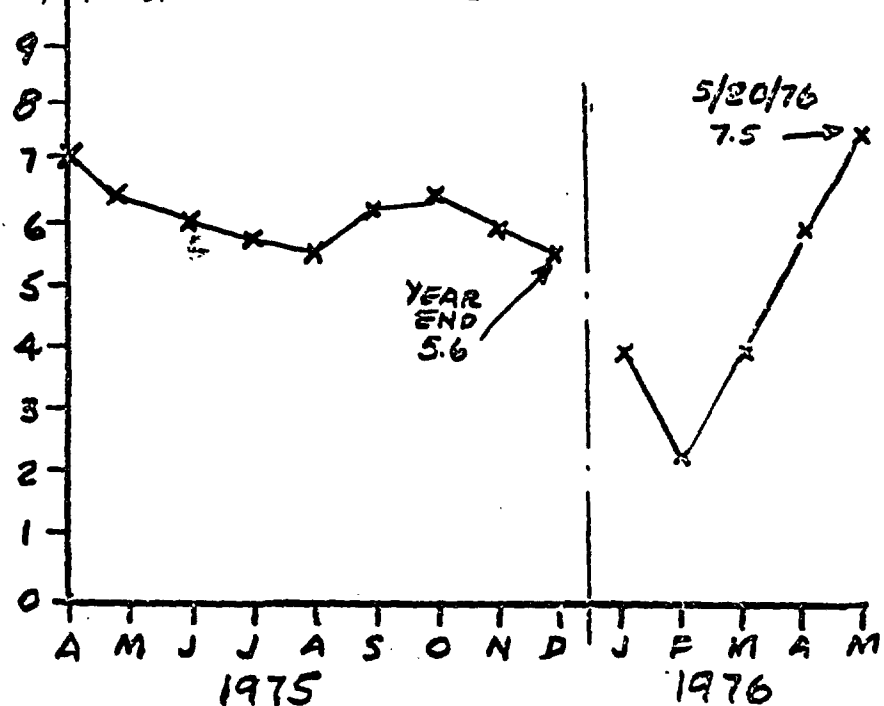
YTD
SIF

Table 2: Serious Injuries Since Liftoff Date (April 14, 1976)

PERSON INJURED	INJURY TYPE	INJURY EFFECT
1. Operator Power 2	Chemical Contact	Burn-eye
2. Machinist	Struck by	Lacerated Hand
3. Cafeteria Worker	Struck against	Laceration Finger
4. Boilermaker	Struck by	Laceration Arm
5. Truckdriver	Caught between	Laceration Finger

The Plant Manager reviewed the key safety statistics, the trend-plot of serious injury frequency, and the serious injuries experienced since the LIFT OFF date-April 14, 1976. He made the following observations:

1. The upward trend in SIF indicates that we are headed for a loss-time injury if we do not act to turn it around.
2. There is strong evidence of a let-down in safety awareness.
3. The overall objective of the NASA program is soundly based, that is, increased awareness leads to fewer injuries.
4. There is a need for greater commitment to the program at all levels by asking ourselves--
"What am I doing personally to add to the success of the program to reduce serious injuries?"
5. Each member of the PMSB needs to pledge a maximum effort to turn the trend around now.

VII. REVIEW OF STATISTICS

Arnold Glass presented the updated Safety statistics.

<u>Date</u>	<u>No. of Injuries</u>	<u>TIF</u>	<u>No. of</u>
MTD/August 14	10	87	
YTD/August 14	151	80	

VIII. REVIEW OF RECENT EVENTS

A. Serious Foot Injury

George Danner summarized the results of the investigation. The pumper-gauger had a drum fall on his foot. The investigation is underway for making the drum handling a requirement. Danner will report on his actions and results of the board.

B. HCN Spill in the AN Bench Unit

Will Lane submitted a report describing the investigation. The solution leaked from a cracked shaft seal in the bench unit. Protective devices and alarms worked in accordance with the design. The Plant Manager requested that PT review the component parts of systems being installed for the purpose of prevent these kinds of failure in the future. This will be discussed at the next meeting of the board.

C. Fire in PT-AN Truck from CB Caused by Transport

A preliminary report of the truck fire was presented. It indicated that a committee investigating the fire will submit a formal report later. Shipping of hazardous materials is halted until adequate safeguards are taken to comply with shipping regulations.

Ed Jones and Mike McCullough will examine the fire extinguishers in company cars and trucks. The board expressed an interest in being able to use fire extinguishers in safety supply for personal use. Glass will investigate this and report to the next meeting.

IX. PT SAFETY AND HOUSEKEEPING

Will Lane reported activities of the PT Committee. He gave descriptions of their entire organization and efforts in the safety and housekeeping area.

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August 20, 1975

X.. NEW ITEMS

A. CED/S&PP Visit

Arnold Glass reported that George Ostroot and Ed Kilper will be in the plant August 18 through 20 for an annual survey of safety practices in the plant. A schedule was drawn up and submitted to the board. The schedule provides for a summary of their visit on Wednesday at 3:30 p.m.

B. Biennial Loss Prevention and Environmental Control Reviews

Arnold Glass reported on the desire to review our plant practice in regard to the biennial Loss Prevention Reviews. He submitted a list of dates for the various departments when the last reviews of this type were held. These reviews are distinguished from the regular loss prevention reviews that are held for on-going projects, process changes, plant tests, or any particular items of concern. The biennial loss prevention reviews are not project-related or initiated. They are an overall loss prevention review covering the entire operating unit. Arnold requested that the present practice and status be examined by the Safety Action Committee of the PMSB. Jack Trafton, Bill Fuller, Norm Marsh and Greg Daues will meet with Glass to review the CED Bulletin 602 as it relates to these reviews prior to the next meeting of the board.

Arnold Glass

JAG/gk

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