

PLANT MANAGER'S SAFETY BOARD

MINUTES OF MEETING

OCTOBER 15, 1980

Present were:

R.E. Kraitchar for G.W. Bostick	D.E. Kaldenberg	
J.A. Glass for C.M. Cruse	B.C. Lancaster	G.T. Ryan
G.A. Danner	C.M. McCullough	J.G. Trafton
G.W. Daues	D.W. Metten	G.L. Tromblee
J.A. Glass	E.G. Fiesinger for C. Navarrete	

I. REVIEW OF STATISTICS--J.A. GlassA. Texas City Plant Safety Performance Summary - September 1980

	1979		1980		1980
	SEPT.	YTD	SEPT.	YTD	TARGETS
TOTAL INJURY CASES	14	165	25	177	--
RECORDABLE CASES					
(A) WITHOUT LOST WORKDAYS (medical treatment only)	3	16	1	7	19
(B) LOST WORKDAYS	0	2	0	2	3
**B ₁ RESTRICTED ACTIVITY	0	1	0	0	--
**B ₂ DAYS AWAY FROM WORK	0	1	0	2	--
(C) FATALITIES	0	0	0	0	--
*TOTAL RECORDABLE CASES	<u>3</u>	<u>18</u>	<u>1</u>	<u>9</u>	<u>22</u>
*A+B+C = TOTAL RECORDABLE INJURIES					
**B ₁ +B ₂ = (B) TOTAL LOST WORKDAY CASES					

INJURY RATES PER 200,000 MANHOURS

	1979		1980		1980	YTD 1980 MCIC	
	MTD	YTD	MTD	YTD	TARGETS	TARGET	YTD
TOTAL INJURY - TIR	10.21	12.80	17.35	13.68	--	--	--
TOTAL RECORDABLE - TRR	1.46	1.32	0.69	0.70	1.26	1.94	1.44
TOTAL LOST WORKDAY - TLWR	0.00	0.16	0.00	0.15	0.40	0.58	0.33
DAYS-AWAY-FROM-WORK - DAWR	0.00	0.08	0.00	0.15	--	--	0.22

B. Comments on Statistics

September ended with a total of 25 Industrial Injuries, of which one was classified as a Recordable. The third-quarter Total Injuries for 1980 (77), compared to the same period for 1979 (46) were up 60%. Recordable Injuries are about half of the total for this time last year, but Days-Away-From-Work cases have doubled. In many areas, we have seen total rising since June. These statistics indicate a reduction in safety awareness over the past few months. Supervisors should be alerted to take corrective actions to eliminate the causes of these incidents before they result in more serious injuries. A study of the past history at this location, without exception, shows that for every ten minor injuries, one will be classified as a more serious injury of the Recordable or Loss Workday type. We cannot afford to become complacent about rising injury trend lines.

C. Units and Groups with Rising Trendlines

The following groups or units continue to show rising trend lines: Carpenters, Power 2, Department 513, Department 53, Truckers and Laborers.

D. Contractor Safety--C.M. McCullough

The total contractor injury charts are attached to these minutes. The overall trend is down. This downward trend has been impacted by the downward trend in Capital Project total injuries and injury frequency.

E. CED Project Safety--B.C. Lancaster

CED construction safety performance was highlighted in the recent Annual Safety and Housekeeping Inspection where the Total Injury Rates had shown a 13% reduction over last year, a 65% reduction in Total Recordable Rate, and a 55% reduction in Days-Away-From-Work cases. This excellent improvement in the injury rates was highlighted to S&PP and Corporate CED safety people in a recent visit to St. Louis. This record plus current injury statistics will be attached to the minutes.

II. REPORT OF THE SAFETY ADVISORY COMMITTEE (SAC)--G.W. Daues**A. Plant Communications System Audit**

1. The Plant Manager has requested that a system be determined which will allow for instant communications to all plant locations. Gerry Decker is working on a system based on priority paging which will accomplish this with two paging numbers.

2. Gerry Decker is preparing an AR to reduce the three separate systems for the building communications to one.
3. Bob Kraitchar is looking into moving the old emergency building communications system from the ECC to the Main Gate.
4. At the request of SAC, Kraitchar will develop a rough cost estimate for the West Gate (limited) backup system for the ECC. He will check with Tony Ozarchuk on availability of old equipment taken out of service and now stored in the West Locker Building.
5. SAC members will review the current Emergency Procedure (excluding hurricane section) to see if updating is necessary. To be discussed next month.

There was some concern expressed by PMSB members about how project management of communication network changes were being handled. Danner and Bostick will discuss.

B. Identification of Intradepartmental Equipment and Piping Containing Super-Hazardous Materials

In the 1979 Annual Safety and Housekeeping Inspection, the following recommendation was made: "Consideration be given to extending the use of safety yellow to identify extra-hazardous intradepartmental piping."

After considerable discussions with Manufacturing personnel in units which handle super or extra-hazardous materials, SAC recommends that the identification of intradepartmental equipment and piping containing super-hazardous materials be determined by those in each unit and not by an across-the-plant procedure. This recommendation was accepted by the Board.

A P-Procedure was written in 1978, the purpose of which was to define, list and designate special handling procedures for super-hazardous chemicals. It has never been issued. SAC will review and decide on its fate in the near future.

C. Employee Process Training

Operator and Chief Operator training has begun under Joe Swain. The program has met with a diversity of opinions from the attendees. However, SAC feels that thus far it has been effective and should be continued.

E.N. Steele has engaged a consultant to assist in development of standards of performance for Operators and Chief Operators.

A foreman training program is being formulated by E.N. Steele.

Overall, SAC feels progress in this training is good considering the limitations which exist in manpower and money. It will be continued.

III. REPORT OF THE SAFETY AND HOUSEKEEPING ACTION COMMITTEE (SHAC)--J.A. Glass
for C.M. Cruse

A. SHAC Activities

We are reviewing SHAC Action Request feedback from the Unit/Craft Supervisors for ideas on tie-down materials.

We are reviewing a SHAC Action Request feedback from the Unit/Craft Contact Supervisors on the Ladder Inspection Program--the suggestions on how to modify it or whether or not we want to continue it in its present form.

The SHAC Committee has critiqued the recent inspection and this critique will be formalized for presentation to the 1981 SHAC Committee.

B. Hourly Safety Committee (HSC)

The committee members have relayed problems to me regarding safety problems plantwide. SHAC is not asking for any assistance in this area. One of the Hourly Safety Committee members is pursuing this. We just want the PMSB to know that we've got a problem in this area.

There also was a plantwide roach problem brought to us--smoke shacks, kitchens and control houses, apparently, are not being effectively sprayed for roaches and they suggest that the exterminator is spraying around the base boards. They need to also get inside cabinets and shelving areas and things like this.

Bicycles for the Hourly Safety Committee members have been ordered. They will be specially identified as belonging to these people. The bicycles will not be the personal property of the Hourly Safety Committee members. They will use them only for so long as their term on the Hourly Safety Committee.

The ice handling for field ice water coolers has been taken care of through Carlos Mata of Capital Projects and Barry Kane of CED. The answer that we got back to the Hourly Safety Committee regarding action on the handling of these coolers was satisfactory.

The falling incandescent light vapor barrier problem which has been carried since last March has now been resolved. We have been able to buy spare guards for store stocking to replace those guards which have become defective due to age and corrosion and weathering. The

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Electrical Supervisors will be made aware, through the Electrical Department, of the spare guards and the need for inspecting through the normal routine as relamping is done.

C. Accelerated Vessel Inspection Program (AVIP)

The program, to date, remains at 93% on schedule. We expect this performance to improve significantly following the West Plant shutdown in October and the East Plant shutdown in November. I want to, again, emphasize that those tanks which might become due for inspection in the early part of 1981, you might want to look and have those inspected in the last quarter of 1980 when the opportunity arises in a major shutdown.

Comments by PMSB: Danner asked the Ammonia Task Force to consider AVIP for the large ammonia tank. This was accepted by Ed Fiesinger. Glass pointed out that there is a move under way to develop an all Monsanto Ammonia Safety Symposium to discuss ammonia storage transfer and system safety and inspections. Texas City (Glass) and Luling (LeGendre) are pushing for this. Others are expected to join in this effort.

D. Status of S-T-A-R-T Program

The second round of slides have been issued and are being used in unit-by-unit safety meetings. PMSB requested a target date for completion of the second set before beginning the third set.

IV. LOSS REPORTING--R.T. Hammann/J.A. Glass

DELINQUENT

None

OUTSTANDING

<u>Incident Date</u>	<u>Location</u>	<u>Incident</u>
8/25/80	Mtl. Handling	Overheating of Styrene Tank Car
8/28/80	27	Heating of LN Rundown Tank 27T5-1

Comments by PMSB: Metten requested Ryan to review Procedure Bulletin P-0111 for possible need to report saltwater pump pit flooding incident in which an electrical motor was wet with saltwater, but repairs are expected to be <\$5,000.

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V. REVIEW OF INCIDENTSMonsanto Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
7/29/80	80-42 VOID--SEE C-38 (below)	This was a contractor incident.
7/29/80	80-43	Overflow of flare sump tank; Dept. 19 (M. Sweeney)
9/22/80	80-44	Spilled styrene from wastebasket; Research II Lab
10/1/80	80-45	Laceration of lip; Dept. 53 (Baca)
10/8/80	80-46	Fractured finger and laceration of lip; Instrument Dept. (Kiser)

Contractor Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
7/29/80	C-38	Venting in HCN storage tank; Dept. 19 (M. Sweeney). While this incident was reviewed in some detail, the final report has not been issued because there are some unresolved issues regarding the recommendations.

VI. EPP--COMMUNICATION ALTERNATIVES

The status of the communication system alternatives was reviewed by Bob Kraitchar. Kraitchar also reviewed the status of the training effort and the scheduling of the persons to receive training on the use of the communications network and console. The PMSB pointed out that it was more important for the Night Supervisors and the Maintenance Shift Supervisors to know how to use that equipment than for the General Superintendents. These suggestions will be reviewed with Bostick and a new priority listing for the training will be developed.

VII. EMERGENCY PROCEDURE ROOM PROCEDURES--Ryan

The Emergency Procedure Plan objectives, scope and organization were reviewed by Tom Ryan. These procedures were approved by the Plant Manager's Safety Board and a bulletin to all supervision will be issued by Glass and Ryan. Key elements considered:

1. Metten and Bostick will handle the analysis, need and selection of an evacuation route for every emergency.

2. Coordinator/chiefs are expected to be a "think tank" not to be involved in the operation of the console.
3. Alternates should attend until we determine if training is adequate (provided we have the space).
4. There should have at least two tests of the Emergency Procedure Plan each year.

VIII. SAFETY AND PROPERTY PROTECTION SURVEY FOLLOWUP

The 1980 S&PP Survey was made by Kurt H. Frank February 25-29, 1980. Subsequent to this survey, assignments were made by Gene Tromblee for follow-up on the items contained in the report. A status report on the recommendations is being held up pending comments on the recommendations from some areas. A memo to the persons responsible for the comments will be re-issued.

IX. PLANT MANAGER'S COMMENTS

Metten pointed out that each member should be prepared to be able to deal with the cause/effect relationship leading to the increasing total injuries in each group by the next meeting of the PMSB. A question to be answered, "What has happened since June?"



J. Arnold Glass

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Attachments

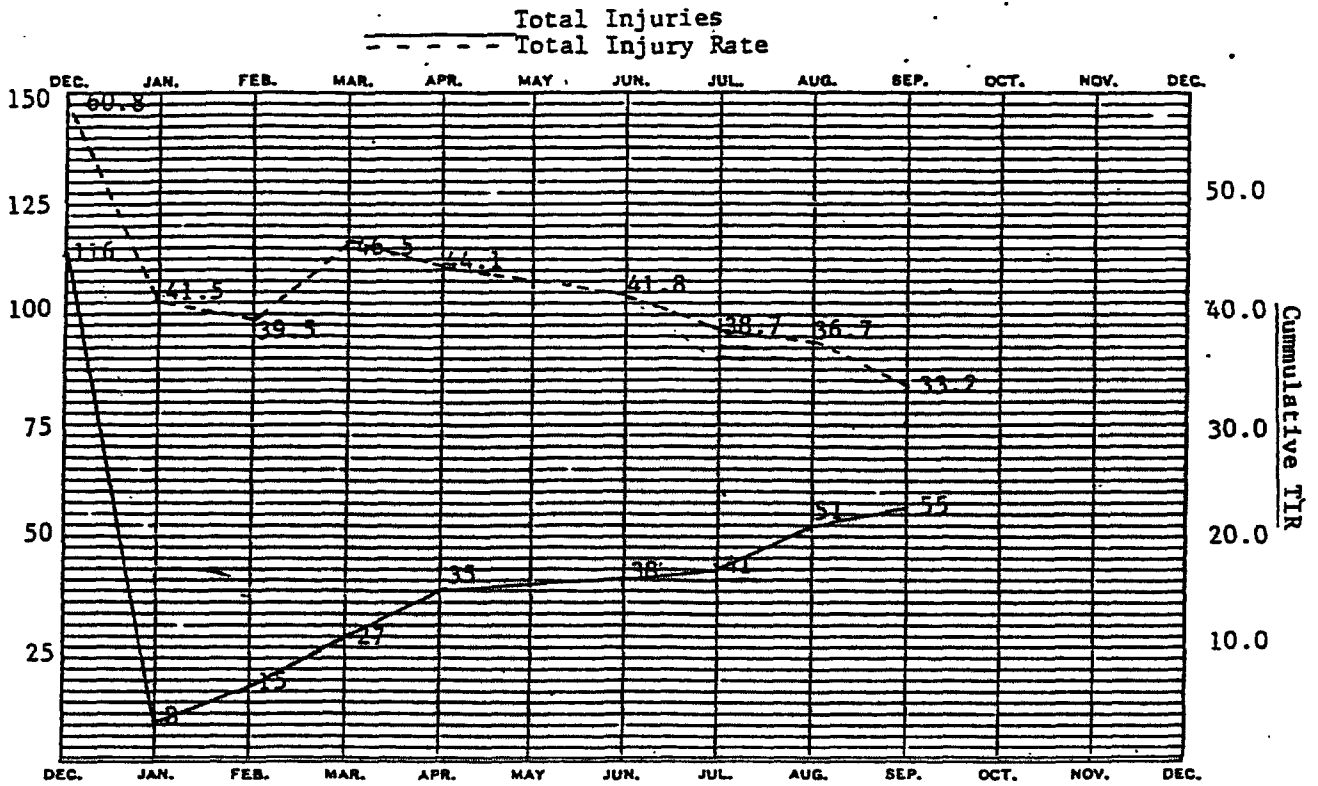
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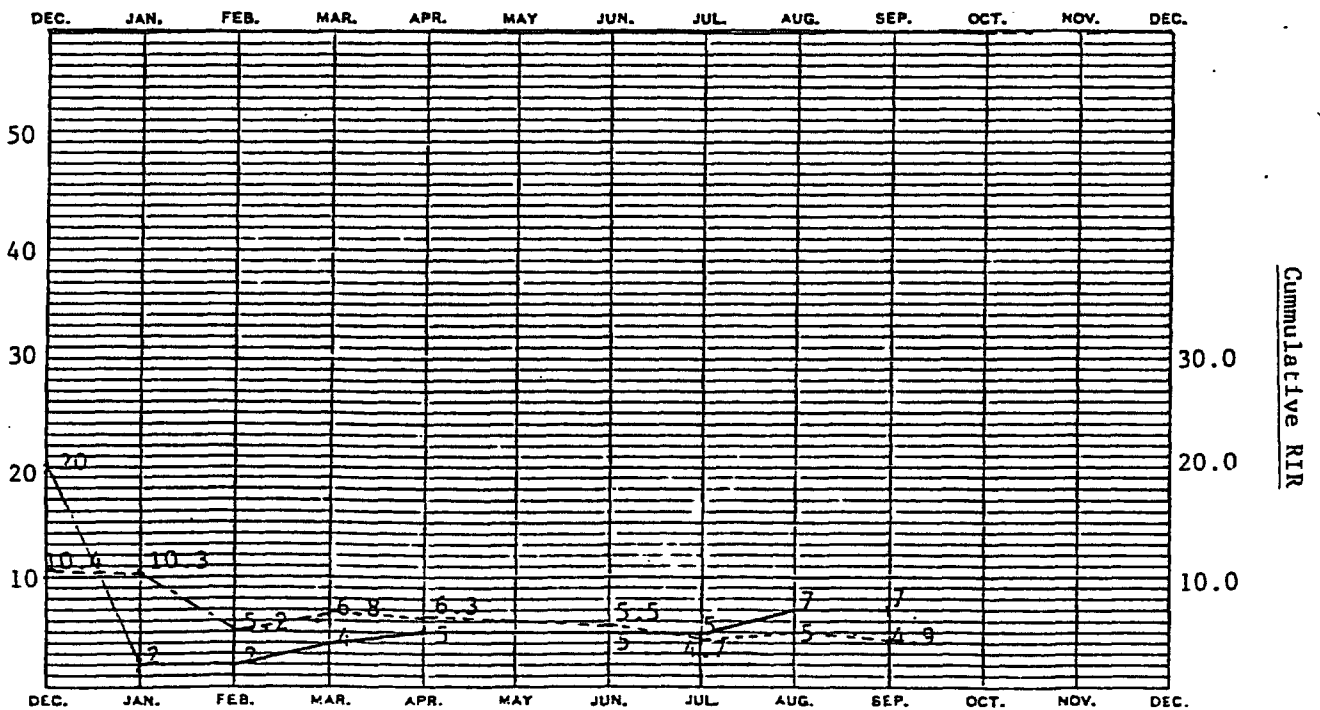
1980 SAFETY - TOTAL CONTRACTORS

Cumulative Injuries



Recordable Injuries
 - - - - - Recordable Injury Rate

Cumulative Recordable Injuries



CED PROJECT SAFETY

SEPTEMBER 1980

	<u>SEPTEMBER 1980</u>	<u>YTD as of 10/1/80</u>
TOTAL INJURY CASES	11	75
RECORDABLE CASES		
(A) WITHOUT LOST WORKDAYS (medical treatment only)	0	0
(B) LOST WORKDAYS	2	7
B ₁ RESTRICTED ACTIVITY	0	0
B ₂ DAYS-AWAY-FROM-WORK	2	7
(C) FATALITIES	0	0
TOTAL RECORDABLE CASES	2	11
TOTAL MANHOURS WORKED (MHW)	25,454	147,855
FREQUENCY RATES/200,000 MHW		
TOTAL INJURY RATE	86.4	101.5
TOTAL RECORDABLE RATE	15.7	14.9
TOTAL LOST WORKDAY RATE	15.7	9.5
TOTAL DAYS-AWAY-FROM-WORK RATE	15.7	9.5

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