

PLANT MANAGER'S SAFETY BOARD

MINUTES OF MEETING

MAY 19, 1982

Present were:

G.A. Danner	C.F. Navarrete
G.W. Daues	M.L. Owens
H.O. Reid for D.E. Kaldenberg	G.T. Ryan
B.C. Lancaster	H.M. Lacy for J.G. Trafton
D.D. Kos	G.L. Tromblee
C.M. McCullough	J.A. Glass
D.W. Metten	

I. REVIEW OF STATISTICS—J.A. GlassA. Texas City Plant Safety Performance Summary - April 1982

	1981		1982		1982
	Apr.	YTD	Apr.	YTD	TARGETS
(A) WITHOUT LOST WORKDAYS (medical treatment only)	2	8	1	6	11
(B) LOST WORKDAYS	0	2	1	2	2
**B ₁ RESTRICTED ACTIVITY	0	0	0	0	—
**B ₂ DAYS AWAY FROM WORK	0	2	1	2	—
(C) FATALITIES	0	0	0	0	—
*TOTAL RECORDABLE CASES	<u>2</u>	<u>10</u>	<u>2</u>	<u>8</u>	<u>13</u>

INJURY RATES PER 200,000 MANHOURS

	1981		1982		1982	YTD 1982 MCIC	
	APR	YTD	APR	YTD	TARGETS	TARGET YTD	
TOTAL INJURY - TIR	11.52	12.26	11.49	9.19	—	—	—
TOTAL RECORDABLE - TRR	1.44	1.80	1.44	1.39	0.75	1.45	1.19
TOTAL LOST WORKDAY - TLWR	0.00	0.36	0.72	0.35	0.12	—	0.37
DAYS-AWAY-FROM-WORK - DAWR	0.00	0.36	0.72	0.35	—	—	0.30

B. Comments on Statistics

We had two Recordable Injuries in April:

1. A boilermaker suffered fractured ribs and vertebra in a fall from an extension ladder. Although his long term prognosis for

recovery is good, expected time from work will be six weeks to two months as a result of this major injury.

2. An HCN Complex operator slipped on a loose stud bolt that was lying on the ground in front of the stairway to the operating structure. He fell and hit his left shin on the base of the stairway causing a bad bruise and a cut that required five sutures to close. He reported back to work near the end of his shift and completed it.

This brings to a total of eight Recordable Injuries through the first four months. We are far off of our expected performance and the problem continues to be caused by a lack of safety awareness in all of these major incidents. Performance cannot be expected to improve until safety awareness improves.

C. Contractor Safety--C.M. McCullough

The contractor injury reports are attached. Mike McCullough expressed concern over the fact that the total number of injuries were up in spite of the reduced number of persons working on the contractor payroll.

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

The CED Construction group experienced two Recordable Injuries in April. Both of these were lifting incidents. Details of the accident statistics are attached as an addendum to these minutes.

II. REPORT OF THE SAFETY ADVISORY COMMITTEE (SAC)--C. F. Navarrete

A. Comments on SHAC Recommendations

1. 1981 S&PP Survey--81-4 Combustibles in Control Rooms

Combustible goods inside control rooms must be minimized. A small, ordinary combustibles fire could cause a major business interruption loss. Combustibles which cannot be eliminated need to be stored in closed door metal cabinets. Examples of combustible goods exposures to control rooms include:

- a) Coats and rain gear are stored adjacent to and in the rear of the ethylbenzene control panel.
- b) Cardboard boxes of plastic goggles are stored behind the east control panel in the HCN complex control room.
- c) Instrument drawings are stored inside the rear access doors to the control cabinets in the AN-5 control room.

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- d) Plastic trash cans in control rooms need to be replaced with containers of metal construction, preferably of approved self-extinguishing design.

SHAC Recommendation--J.J. McClellan

SHAC feels that combustible goods inside control rooms must be minimized. However, it is not feasible or justified to completely eliminate these materials or require storage in metal containers. No smoking is allowed in control rooms, and personnel are in constant attendance; thereby, minimizing the probability of fire in these areas. Some guidance on what is and is not acceptable should be provided to the units. Answers to these specific examples stated are:

- a) Supervision disagreed that this was a fire hazard, and no action is planned.
- b) Although supervision did not feel this was a fire hazard, goggles will be stored in a cabinet for improved housekeeping.
- c) I&E does not agree that the quantity and method of storing schematic drawings in the access doors of the control cabinets constitutes a significant fire hazard to justify the loss of efficiency by moving the drawings to another location. This method of storing the drawings is especially useful for emergency work. Neither AN-5 nor I&E supervision plan to take any action.
- d) SHAC disagrees that this is a fire hazard especially since smoking is not allowed in control rooms.

Safety Advisory Committee (SAC) Action--C. F. Navarrete

SAC supports the '81 SHAC Recommendations with a reminder that:

- a) The space behind panels in control rooms is not a storage area for combustibles. (Should be a focal point for future inspections by General Superintendents.)
- b) If in doubt, consult with the Fire Chief or his assistant.

B. MCI Plant Safety and Housekeeping Inspection 10/13-15/81

- 1. Recommendation No 3: There appeared to be some inconsistency in the enforcement of the guidelines covering hard hat requirements. We observed outside truck drivers and female office employees without hard hats. We recommend clarification of the rules covering hard hat requirements.

Responsibility: SHAC

Status: Action plan will include the following:

- a) Posting of existing rules on hard hats, glasses, and shoes from "Monsanto Guide to Accident Prevention" as reminder. This reminder will include cautioning against cutting through exposure areas (units) to and from work.
- b) Will further recommend and submit to SAC a suggested new policy on hard hats, shoes, and glasses by July 1982

SAC Action On Above Recommendation: SAC supported the recommended action.

2. Recommendation No 4, Cover Goggle Signs: Signs on posts and painted on pavement indicating the need for cover goggles are well below the normal line of sight. The background color is yellow with black lettering. You may want to consider a different color combination to highlight cover goggle requirements since yellow and black are used for other types of warning. Permanent signs at eye elevation should be installed.

Responsibility: SHAC

Status: With SAC approval SHAC Alert will be issued to the units requiring the posting of signs at eye level. No changes are recommended in the use of yellow color for marking boundaries.

SAC Action: SAC supported the recommended SHAC action, but proposed to communicate to the units by memo to the Unit/Craft Contact Supervisors.

The Plant Manager rejected this action and was not satisfied with these reports. He plans to review this item with Mike McCullough to consider some alternatives that might involve a different color and posting requirements to highlight the need for cover goggles better.

3. Recommendation No. 8, Biennial Loss Prevention Reviews: Review present biennial audit procedure to determine if a two year time frame is correct. If it is, lay out a plan to get back on schedule. If it is not, then set up audit timing to meet new schedule.

Responsibility: LP&S, Hammann to review with SAC.

Status: Procedure Bulletin has been revised and a schedule devised to show compliance. Hammann will review with SAC.

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The proposal for changing the biennial to triennial loss prevention reviews has been reviewed and will be circulated for approval.

SAC recommended that the existence or need for similar procedure be considered by the Laboratory, PT, and Central Shops. The power distribution system within the plant was reviewed a few years ago by an outside consulting firm. A number of revisions and additions to the system were made as a result of this review. Mike McCullough will review and comment on the timeliness of another review of the power distribution system.

C. Unit/Craft Safety Promotion Team Policy

SAC reviewed the charter of these teams and the Plantwide Safety Program Procedure Bulletin P-0100. The policy seemed adequate, giving the Unit/Craft team all the latitude necessary to "promote" safety. They did not recommend changing it.

The degree of activity on promotion can, and should be, geared to the needs of the plant and the units at any particular time, by providing the necessary leadership to these teams.

This recommendation was accepted by PMSB.

III. REPORT OF THE PLANT SAFETY AND HOUSEKEEPING ACTION COMMITTEE (SHAC)—
D. D. KOS

A. Armored For Safety Program

1. Kickoff news article was planned for week of May 10 as Wise Owl Award--canceled.
2. Armored for safety article to issue Plant News next week (with STOT special edition)—Riddle.
3. Cafeteria display of protective equipment and armadillo--June 1--OSC.
4. Unit/Craft team memo request for "Burma Shave sign" caption, to issue by end of May.
5. PMSB requested to initiate June safety meetings for "protective equipment used in unit or craft".
6. Safety messages on hourly checks began May 13.

B. Portable Buildings Action Request

Action request issued May 3. PMSB members are requested to issue a memo to G. L. Tromblee (copy to D. D. Kos) summarizing action plan

for each building by June 9. SHAC will pull together total plant summary for June PMSB report. Maintenance has agreed to identify Ed Crow's group as portable building coordinator, beginning third quarter. Recommend status be reported quarterly.

C. Hourly Safety Committee

Attendance was five of nine members (one - family illness, one - out of town, two - forgot). Dennis Kos will request unit/craft contact supervisor (through manufacturing superintendent) to counsel with members who miss two sessions (mild but frank one-on-one). George Danner reviewed the Investigation P-Bulletin and the pumper gauger injury resulting from a tank truck HCl release. C. M. Cruse reviewed the special tank entry and cleaning procedure to be used in the near future on a trial basis.

D. Quarterly S/H Inspections

Scheduled for June. To concentrate on completion status of previous comments.

E. S/H Competition Program

SHAC is developing and evaluating a modification of the quarterly inspections to incorporate a competition program. If ready for PMSB review by May 26, recommend special PMSB meeting for approval. This would allow June implementation. The Plant Manager suggested that SHAC contact Mr. Baxter Tilford, Plant Manager of the Avon, California plant about their use of "scoring sheets" for safety and housekeeping inspections.

IV. LOSS REPORTING--R.T. HAMMANN/J.A. GLASS

There were no outstanding loss reports at this time.

V. STATUS OF BREATHING AIR SYSTEM PROJECT--G T. RYAN

The new breathing air system was placed in service on Monday, May 17, so far it seems to be working properly.

VI. REVIEW OF INCIDENTS

Monsanto Incidents

<u>Date</u>	<u>Incident No</u>	<u>Description</u>
4/19/82	82-12 (Not Issued)	Recordable Injury-Days-Away-From-Work-Major--Dept. 15, East side of CT-1; fell from extension ladder;

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head lacerations, multiple fractured ribs, and a compression fracture of the twelfth thoracic vertebra.
(P. Bailey)

4/28/82 82-13
(Not Issued)

Recordable Injury--Dept. 19; slipped on bolt and fell against stairway; laceration to left leg requiring five stitches.

5/10/82 82-14
(Not Issued)

Recordable Injury-Days-Away-From-Work-Major--Shops; caught index finger in threads of brass nut on lathe.

Contractor Incidents

5/10/82 C-82-08
(Not Issued)

Recordable Injury--Opel Pipefitter; Old Dept. 17, Utilities; cut index finger while removing pipe from vise--4 stitches. (C. Mata)

Mike McCullough reported on two incidents that had occurred that could have resulted in serious injury. One involved dropping a large bolt that landed on the shoulder of a boilermaker. Another involved the breaking of a sledge hammer handle the first time it was used. Investigation of both of these incidents are in progress.

VII. STATUS OF S-T-O-P PROGRAM--G.W. DAUES

As administrator for the STOP program, Greg reported progress in developing information on how the program would be instituted in the plant. The Plant Manager expects to be in St. Louis next week discussing it with other MCI Plant Managers who have used STOP programs in their plants.


J. Arnold Glass

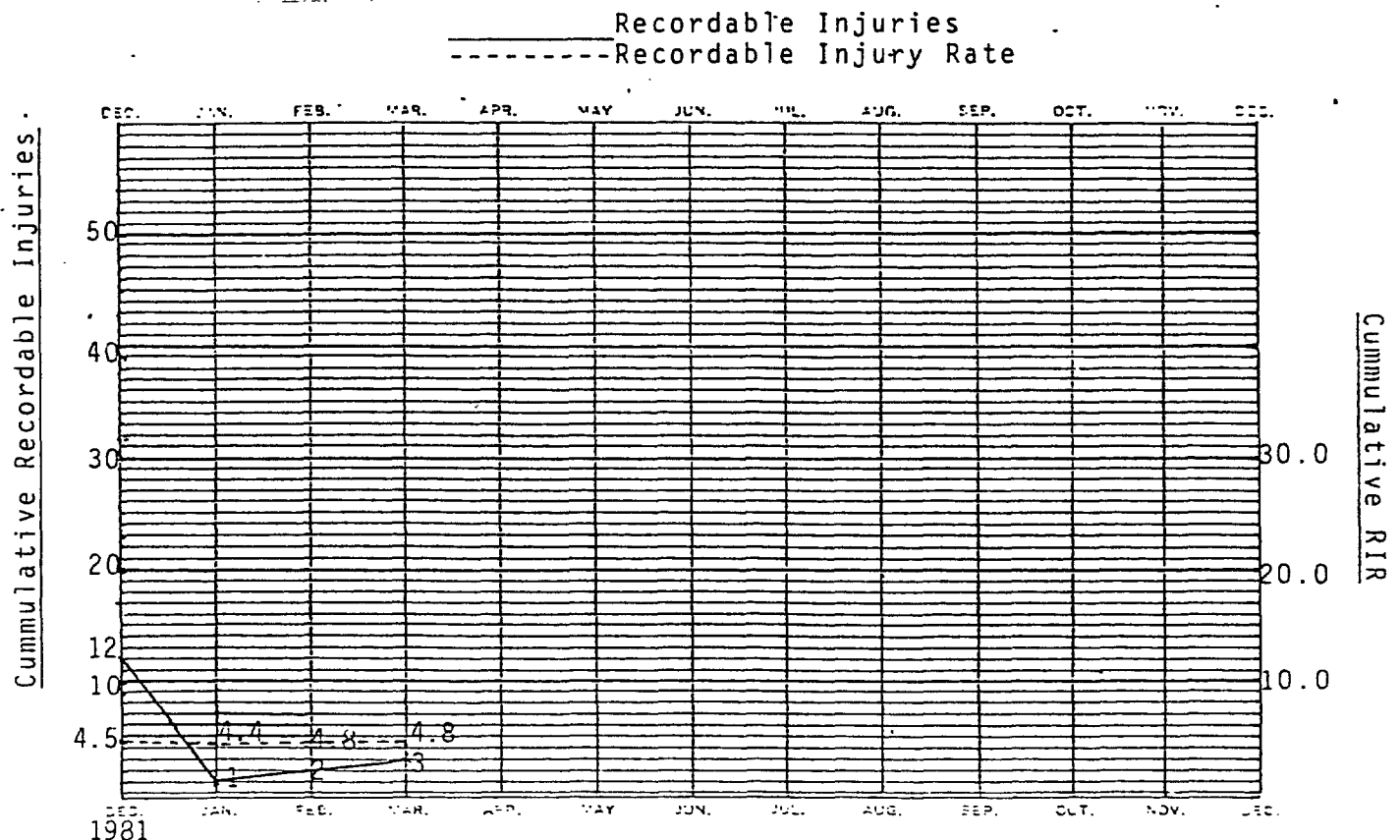
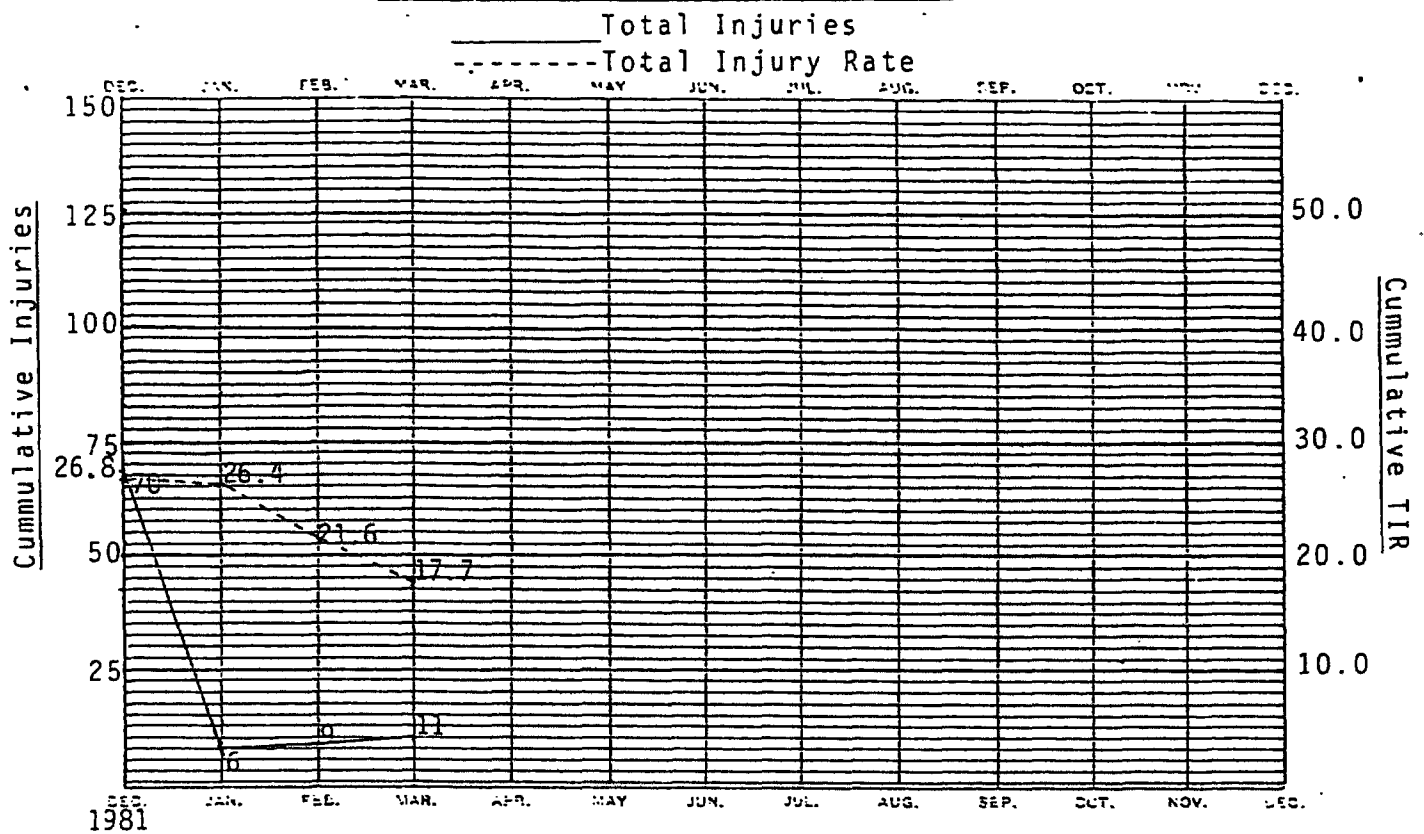
Attachments

JAG/es

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1982 SAFETY - TOTAL CONTRACTORS



TOTAL PLANT CONTRACTOR SAFETY

	<u>1982 YTD</u>	<u>March'82</u>	<u>1981 Totals</u>
<u>TOTAL INJURY CASES</u>	11	2	70
<u>RECORDABLE CASES</u>	3	1	12
<u>LOST WORK DAY CASES</u>			
<u>DAYS AWAY CASES</u>	1	0	5
<u>TOTAL MANHOURS WORKED (MHW)</u>	123,806.5	40,422.5	521,991
<u>FREQUENCY RATES/200,000 MHW</u>			
<u>TOTAL INJURY RATE</u>	17.7	9.8	26.8
<u>TOTAL RECORDABLE INJURY RATE</u>	4.8	4.9	4.5
<u>TOTAL LOST WORKDAY RATE</u>			
<u>TOTAL DAYS AWAY RATE</u>	1.6	0	1.9

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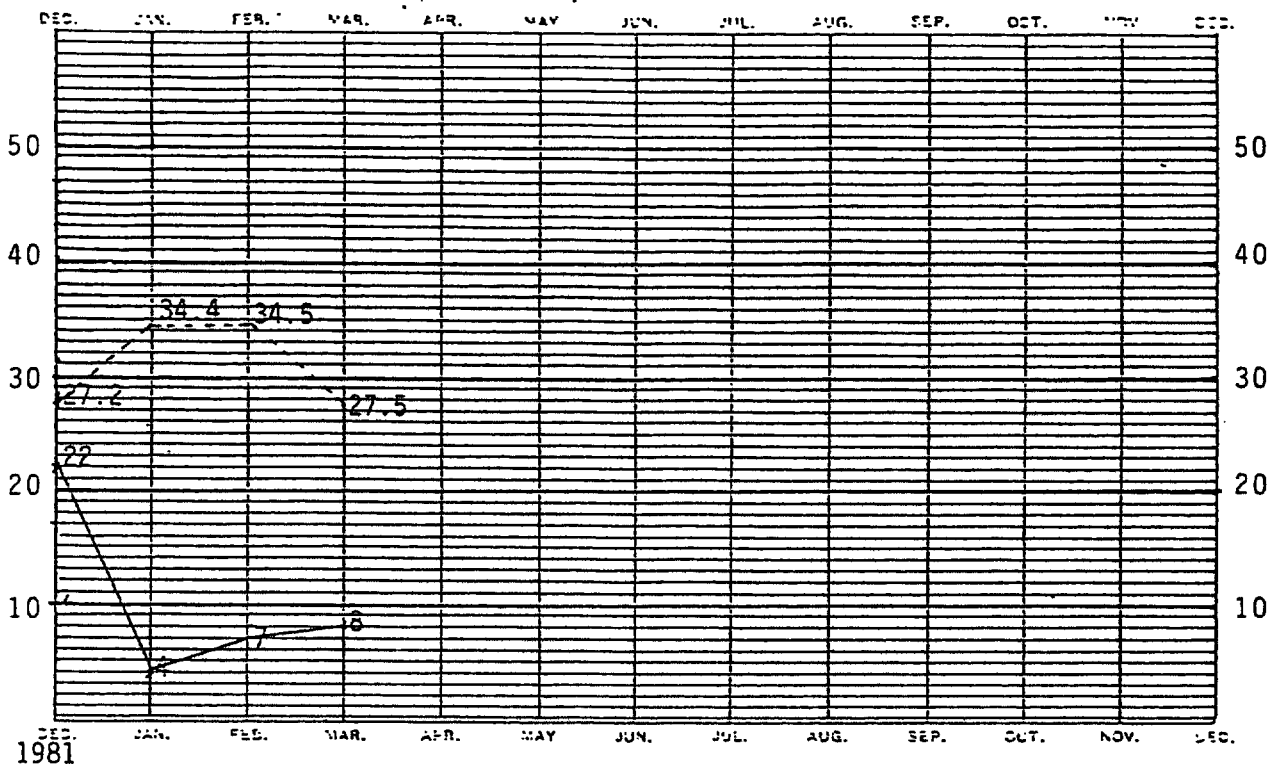
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1982 Safety - Capital Projects

——— Total Injuries
 ----- Total Injury Rate

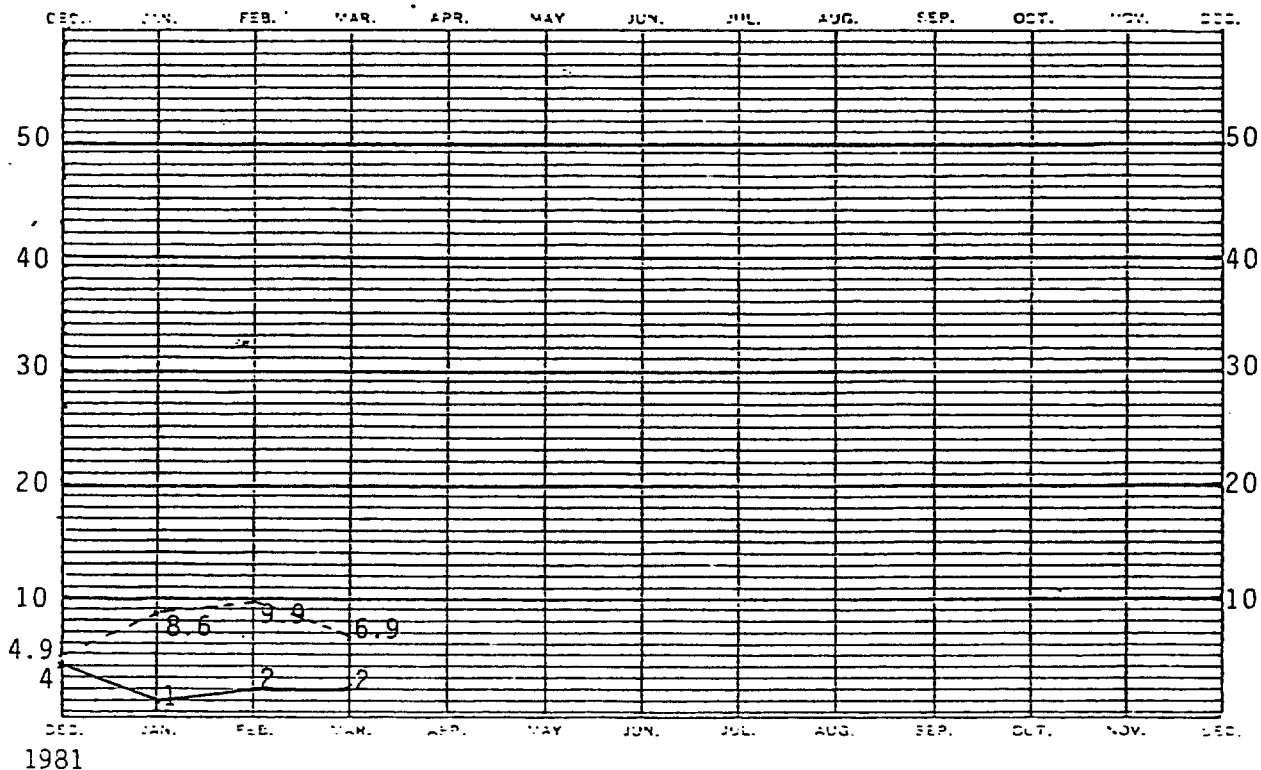
Cummulative Injuries



Cummulative TIR

——— Recordable Injuries
 ----- Recordable Injury Rate

Cummulative Recordable Injuries



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CAPITAL PROJECTS CONTRACTORS

	<u>1982 YTD</u>	<u>March '82</u>	<u>1981 Totals</u>
<u>TOTAL INJURY CASES</u>	8	1	22
<u>RECORDABLE CASES</u>	2	0	4
<u>LOST WORK DAY CASES</u>			
<u>DAYS AWAY CASES</u>	1	0	2
<u>TOTAL MANHOURS WORKED (MHW)</u>	57,313.5	16,711.5	161,709
<u>FREQUENCY RATES/200,000 MHW</u>			
<u>TOTAL INJURY RATE</u>	27.9	11.9	27.2
<u>TOTAL RECORDABLE INJURY RATE</u>	6.9	0	4.9
<u>TOTAL LOST WORKDAY RATE</u>			
<u>TOTAL DAYS AWAY RATE</u>	3.4	0	2.4

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CED CONSTRUCTION

TEXAS CITY PLANT

ACCIDENT STATISTICS

	<u>3/82</u>	<u>YTD 4/82</u>
<u>NUMBER OF CASES</u>		
Without Lost Workdays	6	24
Lost Workdays (Days Away)	1	2
Fatalities	0	0
Total Injury	7	26
Total Recordable	1	4
<u>FREQUENCY RATES</u>		
Total Injury	23.9	33.26
Total Recordable	3.41	5.11
Total Lost Workdays	3.41	2.55
<u>MANHOURS WORKED</u>		
	58,497	156,320

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