

PLANT MANAGER'S SAFETY BOARD
MINUTES OF MEETING
FEBRUARY 1983

PLAINTIFF'S EXHIBIT

MON-1545

Present were:

A.H. Conrad	D.W. Metten
G.A. Danner	S.G. Pappas
R.T. Hammann	M.A. Riddle
R.L. Hammond	G.T. Ryan
W.G. Howe	G.L. Wofford
D.E. Kaldenberg	D.R. Wise
B.C. Lancaster	

I. REVIEW OF STATISTICS--R.T. Hammann

A. Texas City Plant Safety Performance Summary - January

	1982		1983		1983
	JAN	YTD	JAN	YTD	TARGETS
(A) INJURIES WITHOUT LOST WORKDAYS (medical treatment only)	3	3	0	0	11
(B) LOST WORKDAYS CASES	1	1	0	0	2
**B ₁ RESTRICTED ACTIVITY	0	0	0	0	—
**B ₂ DAYS AWAY FROM WORK CASES	1	1	0	0	—
(C) FATALITIES	0	0	0	0	—
*TOTAL RECORDABLE CASES	4	4	0	0	13

INJURY RATES PER 200,000 MANHOURS

	1982		1983		1983	1983	
	JAN	YTD	JAN	YTD	TARGETS	TARGET	YTD
TOTAL INJURY-TIR	12.33	12.33	7.70	7.70	—	—	—
TOTAL RECORDABLE-TRR	2.74	2.74	0.00	1.08	0.87	1.02	1.05
TOTAL LOST WORKDAY-TLWR	0.69	0.69	0.00	0.00	0.13	—	0.47
DAYS-AWAY-FROM-WORK-DAWR	0.69	0.69	0.00	0.00	—	—	0.35

B. Comments on Statistics--R. T. Hammann

Although there were no Recordable Injuries in January, we had our first Recordable Injury on February 1. This occurred to an electrician who sustained a laceration requiring three stitches. Further information is detailed in Accident Investigation Report No. 83-02.

Areas continuing to have high injury rates are: Pumper Gaugers, Painters (although one injury is significant in this small group),

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Dept. 44/45/46, Dept. 50, and Analysts. Of special concern is the Analysts group as they have shown an increasing high injury rate in the last five months. The Electricians are at a higher rate than in the past several years, and had the Recordable Injury in February.

Areas showing excellent injury performance are: HCN Complex, Dept. 48/56, Dept. 53, and Dept. 513. The Stores Dept. and Dept. 33 deserve special recognition as neither of these departments have had an injury in the past year.

C. Contractor Safety--G. A. Danner

One Recordable Injury was reported in January. This occurred to an Opel Pipefitter who fractured the third finger of his right hand when his hand was caught between two pieces of four inch pipe. Further details are found in Accident Report No. C-83-01. Treatment in this case was delayed because the individual was asked if he wanted to see a doctor instead of being taken to see one. Steps are being taken to change this procedure as medical attention should be given promptly. More timely and meaningful investigations can then be carried out, if needed.

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

No injuries occurred during the small number of hours worked this month. This will probably be the last report from CED as work is winding down toward a cessation of all activities.

II. REPORT OF THE SAFETY ADVISORY COMMITTEE (SAC)--D. E. Kaldenberg

A. S&PP Recommendation 82-2 on Emergency Shutdown/Standby Procedures

Some confusion existed as to the length of time required for bringing a unit down or placing it in the safest possible condition. Due to this, not all shutdown procedures were prepared as requested. The correct criteria to follow is immediate evacuation of the area with personnel allowed back in the area within one hour. These procedures will be completed and reported in writing to G. A. Danner prior to the next PMSB meeting. Also included in areas needing these shutdown procedures are the laboratories and Material Handling.

B. Survey of Low Pressure Steam Header (Boots)

MTS proposed a spot inspection of twelve steam boots, leads, and connections on the ex-battery 75 psi steam header where a failure recently occurred. This represents approximately 10% of the total boots and connections on the header. Dependent on the findings of this inspection, more work may be done until all serious corrosion areas are repaired. This approach was approved by PMSB.

III. REPORT OF THE PLANT SAFETY AND HOUSEKEEPING ACTION COMMITTEE (SHAC)---

A. H. Conrad

A. Hourly Safety Committee

Transition meeting was held between the incoming and outgoing members with eleven of the twelve in attendance. Manuel Perez was elected as the new chairman of this committee. The new members were briefed on the purpose of the Hourly Safety Committee by Mark Riddle. Gene Tromblee reviewed the 1982 plant safety highlights.

An old concern about inventory in the phenol hose at Dock 2 was reviewed and satisfactorily resolved.

New concerns that arose were:

1. Cooling Tower Fan Hazard - The problem is development of a safe procedure/method for stopping rotation of the fan blade prior to entry into the tower. Charles McClanahan will followup.
2. Safety Log Books - Some concern over the fact that safety items are not always completed in a reasonable amount of time. A memo requesting better followup was written to supervision by Harry Conrad.
3. Removing Bolts From The 51D4 Manway Covers - This incident brought up the practice of removing manways from equipment that has not been completely blinded. SHAC will make a canvas to determine how wide spread this practice is in the plant. This information will then be given to SAC for review to determine an overall plant policy.

B. Eye bath/Safety Shower

A drawing of the new plant standard has been issued for final approval.

C. Quarterly Inspections

Bill Howe reviewed the plans for implementing the Competitive Quarterly Safety & Housekeeping Inspection in March. These inspections will be carried out the final two weeks of the month. Publicity will begin before the end of February.

D. Procedure Bulletins

Three bulletins that have undergone minor revisions in policy have been approved and will be issued in the near future. These bulletins are: P-0116, Area Safety Inspections; P-0121, Use and Control of Hoses; and P-0123, Bypassing and Testing Protective Devices. Only the page containing the policy revision will be issued.

IV. GENERAL PERMIT PROCEDURE--R. T. Hammann

Final revisions have been made and approval signatures are being obtained. Training sessions and implementation of the procedure will be delayed until permits can be printed.

V. FIRE AND ENTRY PERMIT PROCEDURE--R. T. Hammann

We are checking with the printers as the permits should have been received by now. As soon as the permits are received, training on this procedure with emphasis on the changes will take place. Tom Ryan asked for a delay in issuing this procedure until he can discuss the section on special permits with Gene Tromblee.

VI. REVIEW OF INCIDENTSMonsanto Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
01/21/83 (not issued--has been signed and will be issued in the near future)	83-01	Spill--Dept. 13; flange leak on top of alkylator; spill of HCl and Bz vapors; NO EXPOSURES. (Furley)
02/01/83 (issued)	83-02	Recordable Injury--Dept. 53; Electrician caught second finger of left hand in swab of drill requiring three stitches to close. (McVay)

NOTE: This is the second Recordable Injury of the same type (broken bone due to failure to unplug equipment while working on it) that has occurred in the plant in the last 4-5 months. Steps should be taken to convey this to all personnel in the plant.

Contractor Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
01/05/83 (issued)	C-83-01	Recordable Injury--Dept. 13; Opel Pipefitter caught fingers between pipe; broken third finger of right hand. (Spencer)

VII. STATUS OF S-T-O-P PROGRAM--M. A. Riddle

The second group of Chiefs/Leadmen has gone through the first unit of S-T-O-P training. More discussion took place with the second group as it

is apparently being discussed in the plant between hourly personnel. A question was asked whether they would be required to fill out cards. This has not been decided as yet. Although taking of the test is on a voluntary basis, most of the individuals involved in the training are taking it.

VIII. PLANT MANAGER'S COMMENTS--S. G. Pappas for G. L. Tromblee

Our injury record so far this year is very good. However, we need to take steps to ensure that we do not become complacent. Emphasis should remain on preventing unsafe acts in order to keep our record at this good level.



R. T. Hammann

Attachments

RTH/es

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TOTAL PLANT CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>Jan '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	2	2	54
RECORDABLE CASES	1	1	13
LOST WORK DAY CASES	0	0	3
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	18,386.75	18,386.75	512,497.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	21.8	21.8	21.1
TOTAL RECORDABLE INJURY RATE	10.9	10.9	5.1
TOTAL LOST WORKDAY RATE	0.0	0.0	1.2
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

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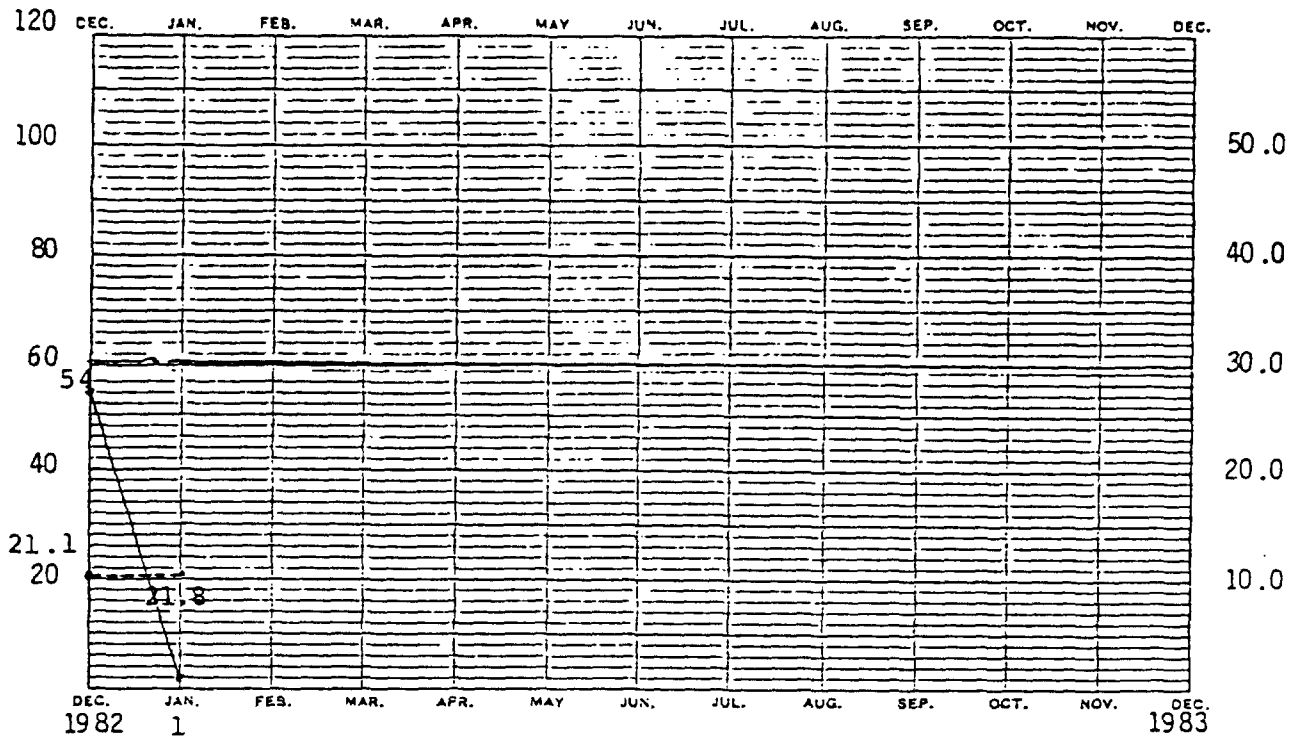
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1983 SAFETY - TOTAL CONTRACTORS

----- Total Injuries

----- Total Injury Rate

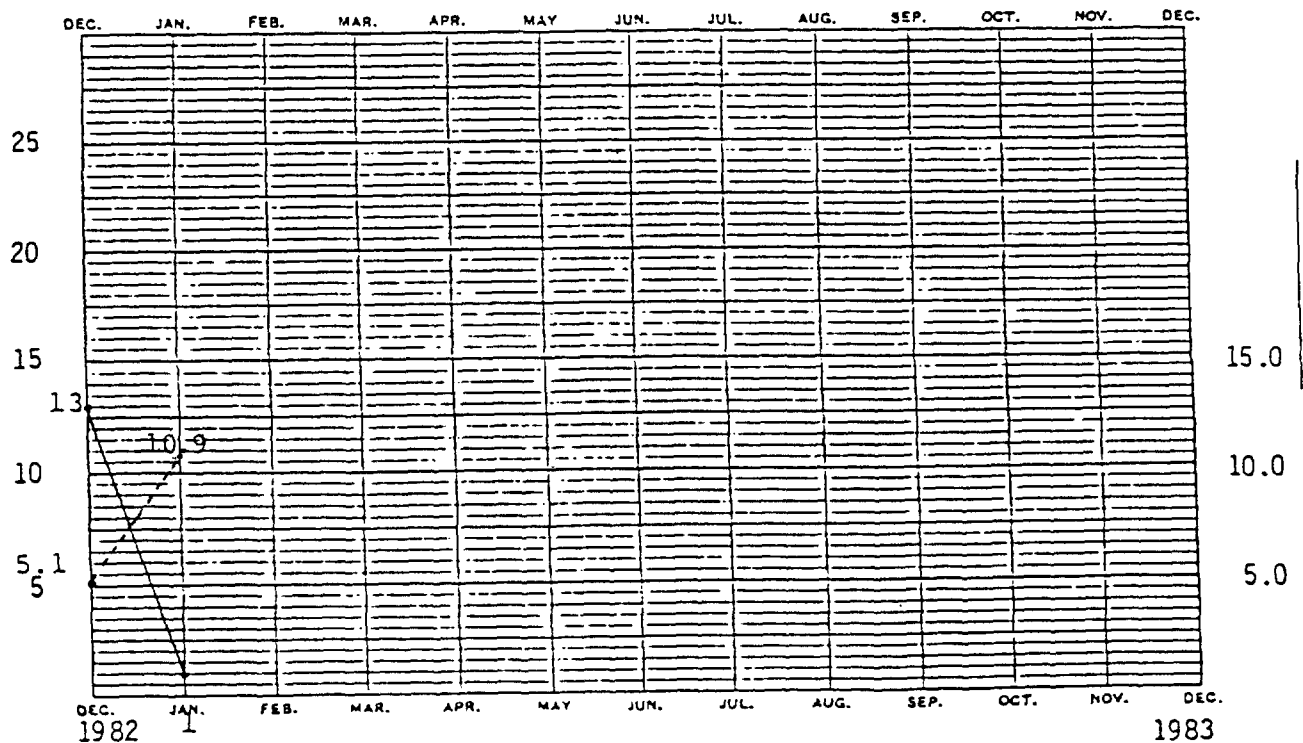
Cummulative Injuries



----- Recordable Injuries

----- Recordable Injury Rate

Cummulative Recordable Injuries



CAPITAL PROJECTS CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>Jan'83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	2	2	33
RECORDABLE CASES	1	1	6
LOST WORK DAY CASES	0	0	2
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	9406	9406	213,661.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	42.5	42.5	30.9
TOTAL RECORDABLE INJURY RATE	21.3	21.3	5.6
TOTAL LOST WORKDAY RATE	0.0	0.0	1.9
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

MAINTENANCE CONTRACTORS SAFETY

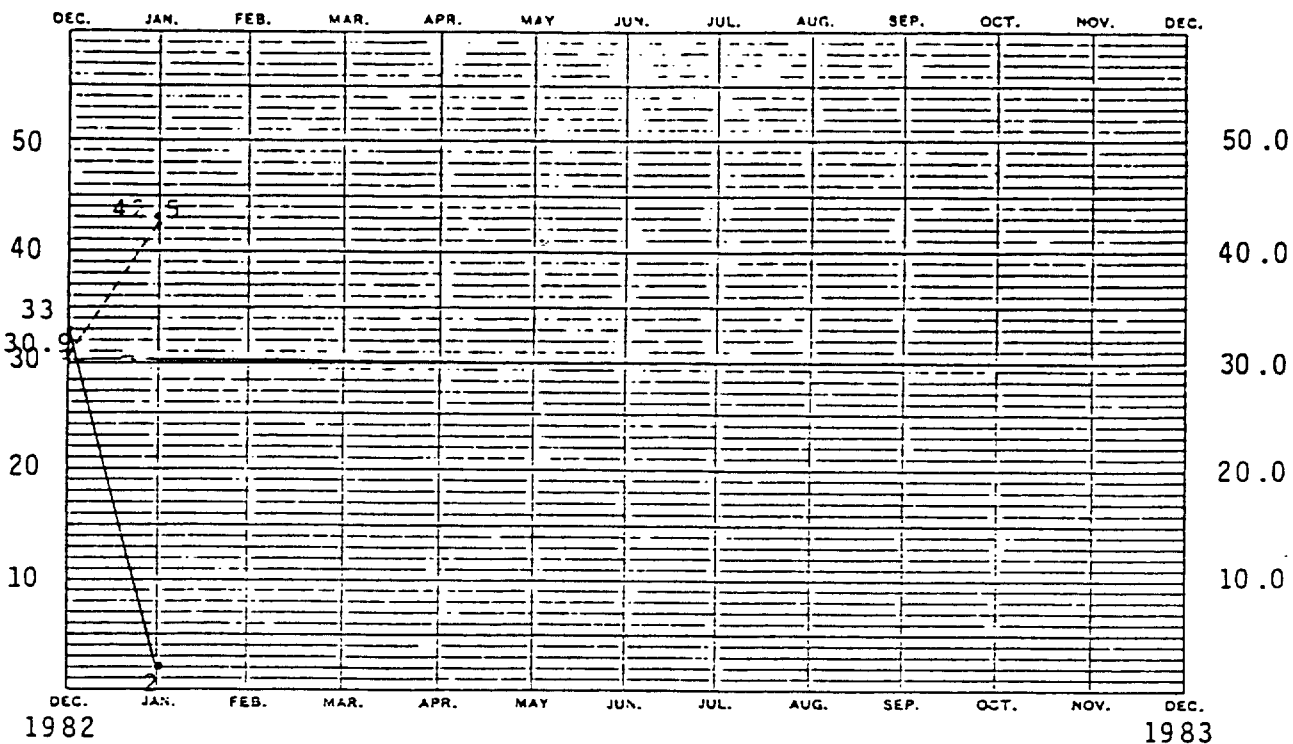
	<u>1983 YTD</u>	<u>Jan '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	0	0	21
RECORDABLE CASES	0	0	7
LOST WORK DAY CASES	0	0	1
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	8980.75	8980.75	298,836
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	0.0	0.0	14.1
TOTAL RECORDABLE INJURY RATE	0.0	0.0	4.7
TOTAL LOST WORKDAY RATE	0.0	0.0	0.7
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

1983 Safety - Capital Projects Contractors

————— Total Injuries

----- Total Injury Rate

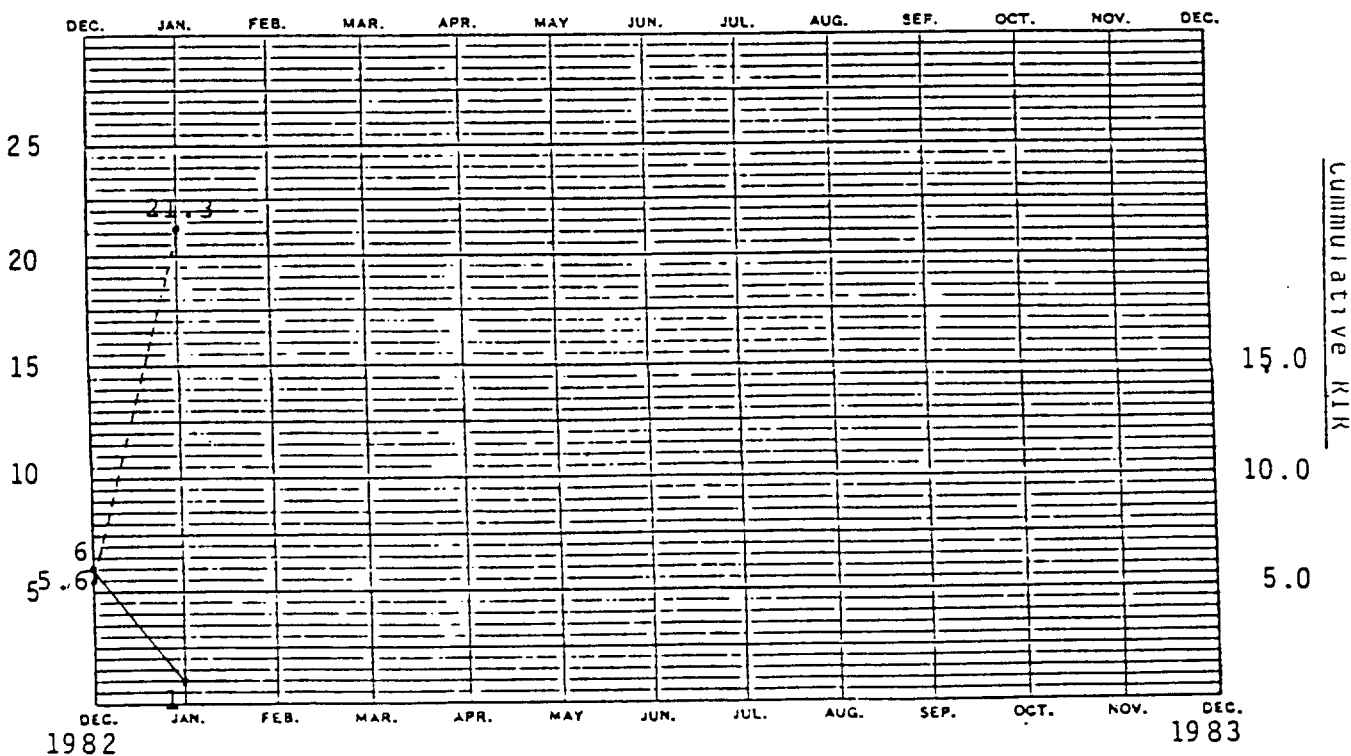
Cummulative Injuries



————— Recordable Injuries

----- Recordable Injury Rate

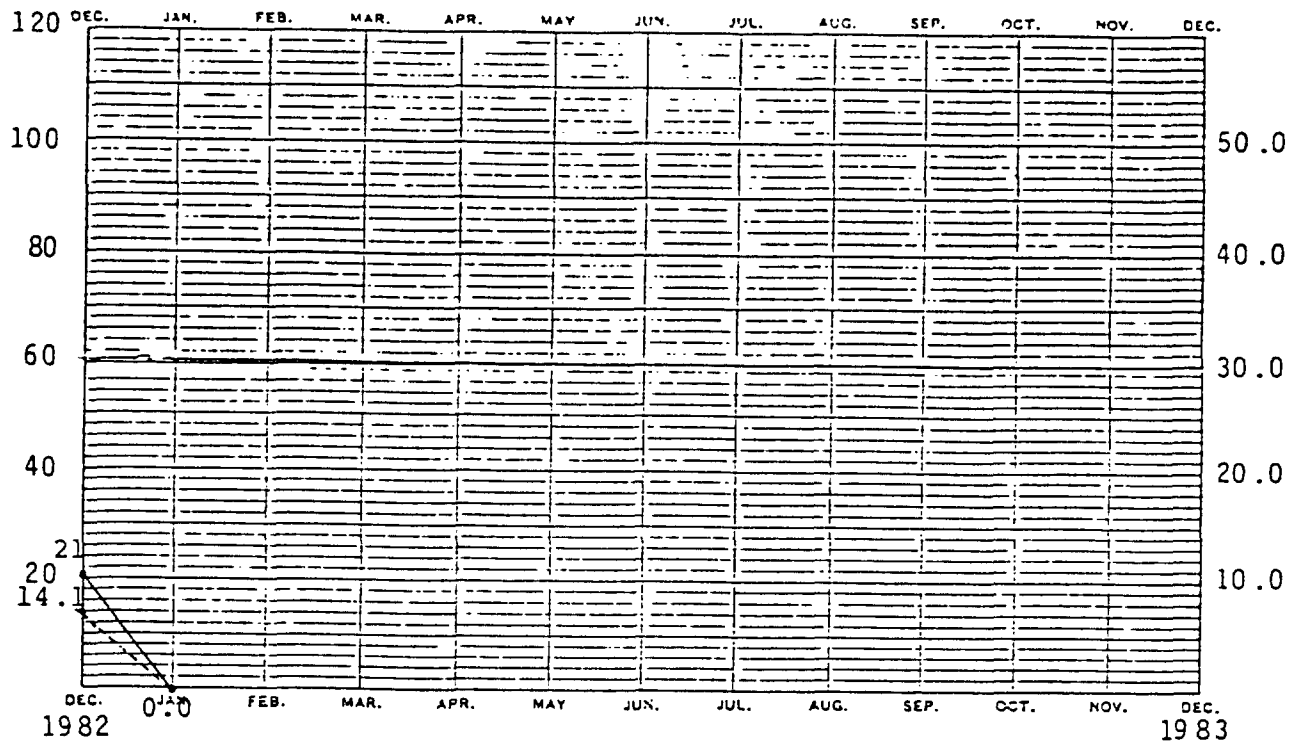
Cummulative Recordable Injuries



1983 SAFETY - MAINTENANCE CONTRACTORS

_____ Total Injuries
 ----- Total Injury Rate

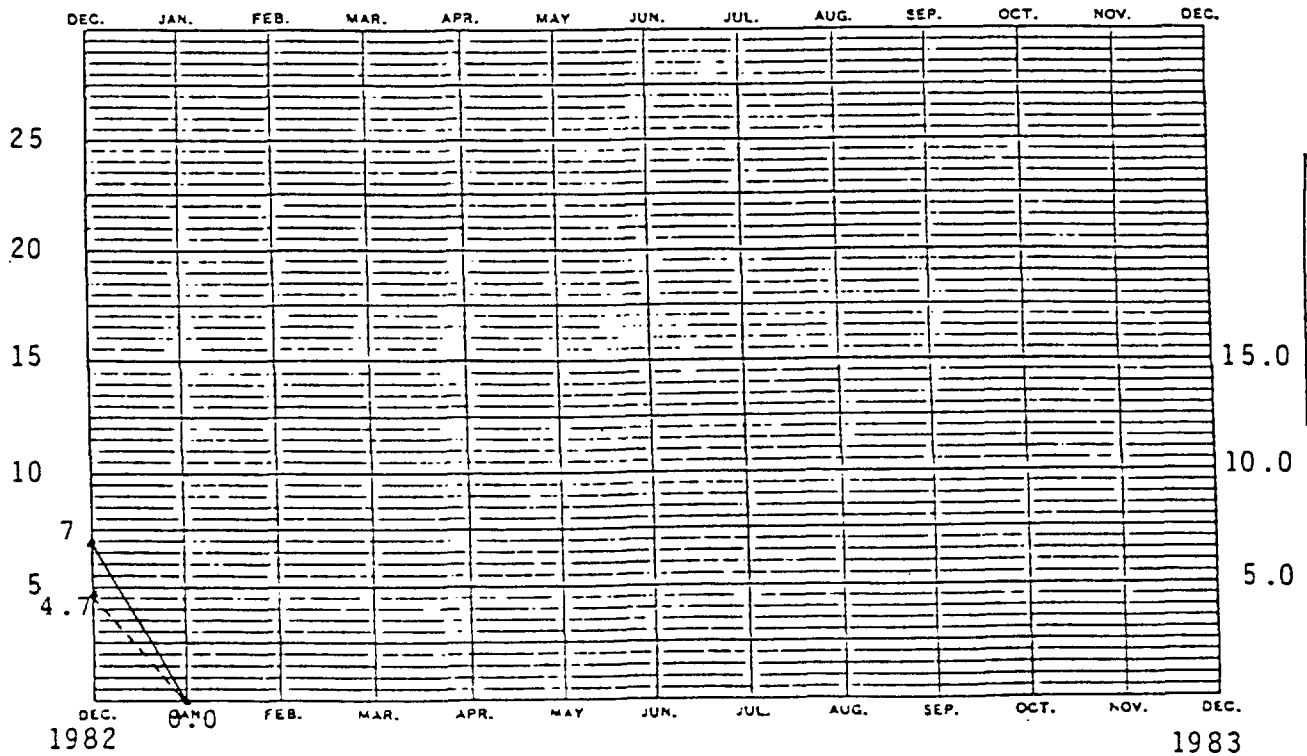
Cummulative Injuries



Cummulative TIR

_____ Recordable Injuries
 ----- Recordable Injury Rate

Cummulative Recordable Injuries



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CED CONSTRUCTION

TEXAS CITY PLANT

ACCIDENT STATISTICS

	<u>1/83</u>	<u>YTD</u> <u>1/31/83</u>
<u>NUMBER OF CASES</u>		
Lost Workdays (Days Away)	0	0
Fatalities	0	0
Total Injury	0	0
Total Recordable	0	0
<u>FREQUENCY RATES</u>		
Total Injury	0	0
Total Recordable	0	0
Total Lost Workdays	0	0
<u>MANHOURS WORKED</u>	6,194	6,194

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