

PLANT MANAGER'S SAFETY BOARD

MINUTES OF MEETING

DECEMBER 17, 1980

Present were:

C.M. Cruse	B.C. Lancaster	G.T. Ryan
G.A. Danner	Jim Gatewood for C.M. McCullough	K.E. Bretz for J.G. Trafton
G.W. Daues	Henry Schroeder for D.W. Metten	G.L. Tromblee
J.A. Glass	C.F. Navarrete	
D.E. Kaldenberg	M.L. Owens	

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

	1979		1980		1980
	NOV	YTD	NOV	YTD	TARGETS
TOTAL INJURY CASES	12	189	11	211	—
RECORDABLE CASES					
(A) WITHOUT LOST WORKDAYS (medical treatment only)	1	17	0	9	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>1</u>	<u>19</u>	<u>0</u>	<u>11</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	8.56	11.92	8.57	13.34	—	—	—
TOTAL RECORDABLE - TRR	0.71	1.20	0.00	0.70	1.26	1.94	1.47
TOTAL LOST WORKDAY - TLWR	0.00	0.13	0.00	0.13	0.40	0.58	0.33
DAYS-AWAY-FROM-WORK - DAWR	0.00	0.06	0.00	0.13	—	—	0.24

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B. Comments on Statistics

There were fewer Total Injuries in November 1980 than 1979. However, the Year-to-Date is about 10% higher than the same time last year. We believe that we are getting good reporting of injuries and that the Total Injury Rate is indicative of the change in Total Injuries since June 1 of this year. The trendline on Total Injuries has been above expected for about five months now. This is confirmed by the Total Injury numbers for Manufacturing and Maintenance groups. It is significant only in that it may be an early indicator of a let-down in safety awareness.

There were no Recordable Injuries during November, bringing the total for the year to 11 vs. 19 this time last year.

Projected statistics through December indicate that we should improve our overall performance as compared to last year. We are continuing the downward trend that began in 1976.

C. Units and Groups with Rising Trendlines

Units and groups with rising trendlines are Department 51 and Power 2. Units showing significant improvement since last month are Carpenters and Laborers, both improving after several months of continuing increase.

D. Contractor Safety--C.M. McCullough

The trendline charts for both total contractors and Capital Project group will be attached to these minutes. In Capital Projects, both Total Injury Rate and Recordable Injury Rate declined. Total contractors are up slightly since September in both Total Injuries and Total Recordables. All figures are significantly lower than last year.

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

During the month of November, CED Construction had four injuries, three were Recordable and all three of these resulted in days away from work. There was one eye injury, one back strain and one in which a pipefitter dropped a valve on his foot. CED safety statistics are attached.

CED announced the resignation of Barry Kane, their Safety Engineer, but stated that it was their intent to replace him.

II. REPORT OF THE SAFETY ADVISORY COMMITTEE (SAC)--G.W. Daues

A. EPP Drill

SAC will observe Control Center and other pertinent functions in the EPP drill scheduled in December. Critique will be reviewed at January PMSB.

B. Employee Training

The Texas City policy on safety glasses will be distributed through the line via General Superintendents for refresher training on this subject.

D. Breathing Air System

DMEH issued guidelines on facial hair requirements for breathing air masks. LP&S reported that Texas City policy on this subject is in compliance.

A Capital Project for improvement of Texas City breathing air system is now planned for approval in early 1981.

E. Ladder Inspection

In November, the PMSB requested SAC to determine if a better "second-check" system can be developed for ladder inspections. We are now recommending that in August of each year, special emphasis be put on checking all ladders as part of the Annual Safety and Housekeeping Inspection preparations. This is, of course, in addition to the regular unit inspection of ladders. The Plant Manager has some concerns with this proposal and has asked SAC to prepare a revised P-Bulletin that incorporates desired changes. No changes in the system will be made until the Board has a chance to review the revised P-Bulletin.

F. Telephone System--False Alarms

A test was run on December 8, 1980, which determined that interception of an alarm by the Sergeant of the Guards can be accomplished. However, when the guard then activates the system, the code can be in progress resulting in a partial code on the first signal. This would be confusing. The problem is being investigated by MISD and Maintenance.

G. Contractor Safety and Industrial Hygiene

An outline of considerations to be made with regard to contractor accident/injury reporting and investigating was issued by T.F. Evans,

Director OSHA Administration, in September 1980. J.A. Glass and L. Schwab have written a reply. Both these memos will be reviewed by SAC to develop policy in this area.

The subject of Monsanto's liability vs. ethical responsibility in contractor hygiene matters has been assigned to SAC for policy development.

H. Superhazardous Materials

Review is still underway on the proposed P-procedure on this subject.

III. REPORT OF THE SAFETY AND HOUSEKEEPING ACTION COMMITTEE (SHAC)—C.M. Cruse

- A. MCI Annual Inspection—A memo has been issued and target dates are being set for action plans on each of the items in the MCI Inspection Report. An up-to-date status will be published prior to the next meeting of the FMSB.

B. Status of AVIP(SHAC)—C.M. Cruse

The Accelerated Vessel Inspection Program is 94% on schedule. There are a number of inspection reports not yet completed and filed. It is expected that the program will be 97% on schedule by year end. Max Cruse indicated that we are falling behind in some of the acoustic emission testing, especially of some brick lined vessels.

C. Status of S-T-A-R-T Safety Program—C.M. Cruse

Session III of the S-T-A-R-T program has been prepared and will be issued and reviewed with the Plant Manager's Safety Board on January 21, 1981. The Plant Manager is requesting a status report from each of the General Superintendents on the progress of the S-T-A-R-T program in all departments. This will be included in the Annual Performance Reviews.

D. Hourly Safety Committee Items—C.M. Cruse

1. Last year, the S&PP Survey contained a suggestion that a hierarchy of car seals be developed. This item has been studied by the Hourly Safety Committee and SHAC. The Hourly Safety Committee recommends, and SHAC endorsed, that yellow car seals be used for identifying and locking items in critical service. These items include block valves on relief valves and ruptured disks, breathing air, backflow preventer bypasses and items of this nature. Highlight painting of ruptured disk installations was rejected because the cost/benefit ratio was considered too high. The yellow car seal can be readily seen for purposes of visual checks.

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The Plant Manager's Safety Board discussed this recommendation which led to a broader discussion of the subject of hierarchy of interlocks. The SAC was assigned the responsibility to review this recommendation along with the hierarchy of interlocks control problem for a discussion with the Plant Manager prior to the next meeting.

2. Ground Fault Interrupters—The Hourly Safety Committee brought a suggestion regarding the kind of GFI's being used by some contractors. They believe that these GFI's are easier to bypass than the type used by Monsanto. Max Cruse has issued a memo to both Bolton, Lancaster and Crow asking for a review of the Hourly Safety Committee's concern about these GFI's.

IV. STATUS OF LOSS INCIDENT REPORTS, NOVEMBER 1980—R.T. Hammann/J.A. Glass

There are no outstanding reports at this time.

V. S&PP FOLLOW-UP—J.A. Glass

A copy of the up-to-date status of the S&PP recommendations was issued in late November. The up-to-date status of this report will be forwarded to S&PP for their comment. (Done)

VI. STATUS OF THE BREATHING AIR SYSTEM PROJECT—G.T. Ryan

The revision of the breathing air system has been designed and an Appropriation Request to cover the project has been prepared. Pre-approval money will be requested after the first of the year to cover the cost of long delivery items. The project is receiving the highest priority in Engineering. The Appropriation Request is expected to leave Texas City before the end of the year.

VII. REVIEW OF INCIDENTS

Monsanto Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
11/5/80	80-50	Investigation of air machine turbine bearing damage in AN-5; Dept. 51 (M.T. DeVore)
11/18/80	80-51	Near Miss—Flash fire in Methanol area no injuries; Dept. 44 (J.A. Martin)
10/28/80	80-52	Laceration of hand requiring stitches; Shops (H. Jackson)

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Contractor Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
11/10/80	C-44	Opel pipefitter sustained cut to hand requiring stitches; Dept. 15 (T. Sweeney)

VIII. FAMILY SAFETY MAGAZINE—J.A. Glass

The Loss Prevention and Safety Department recommended renewal of the Family Safety Magazine that is sent to the homes of all employees. The Plant Manager accepted this recommendation and the subscriptions will be renewed.

IX. EMERGENCY PROCEDURE PLAN DRILL

It was announced at the Plant Manager's Safety Board meeting that a drill would be held that day. The drill was held and the critiques will be developed by the various organizations within the Emergency Procedure Plan and these critiques will be forwarded to the Safety Advisory Committee for summarizing the results of the test.


J. Arnold Glass

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1/14/81
Attachments

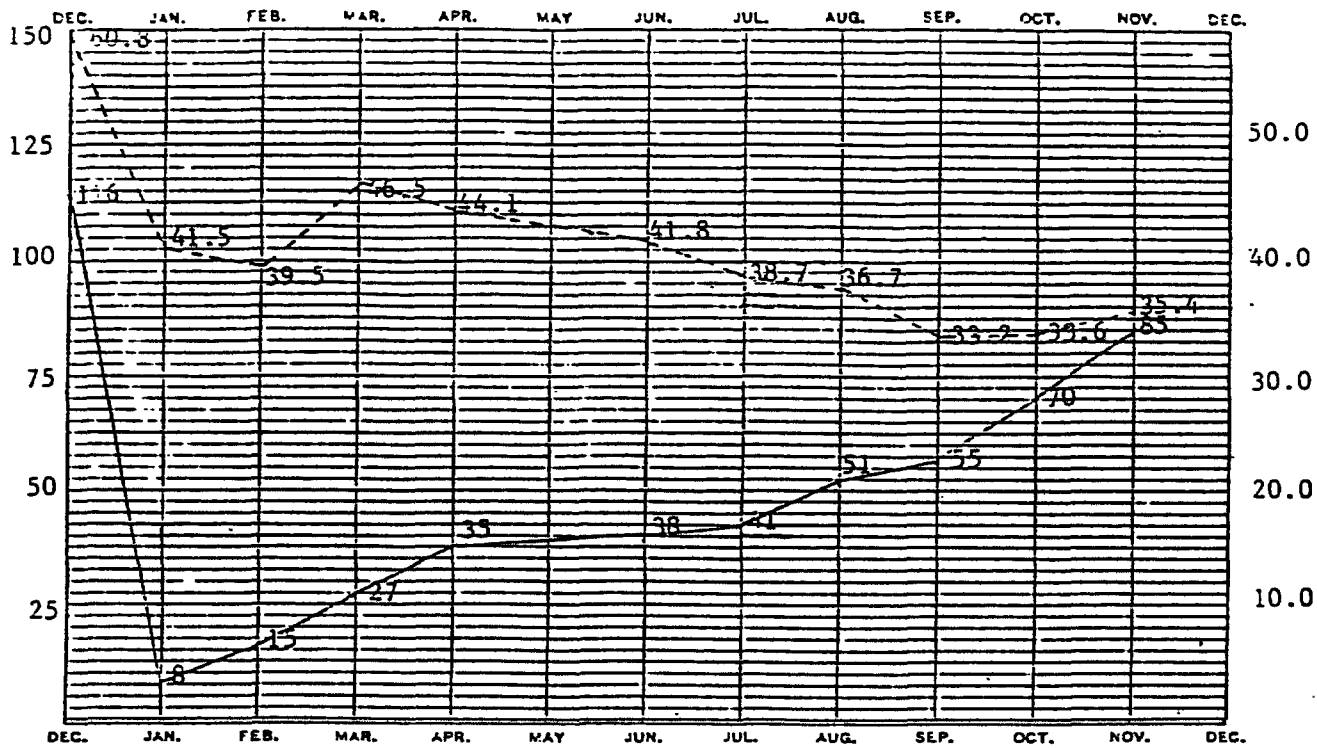
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----- Total Injuries
 ----- Total Injury Rate

Cumulative Injuries

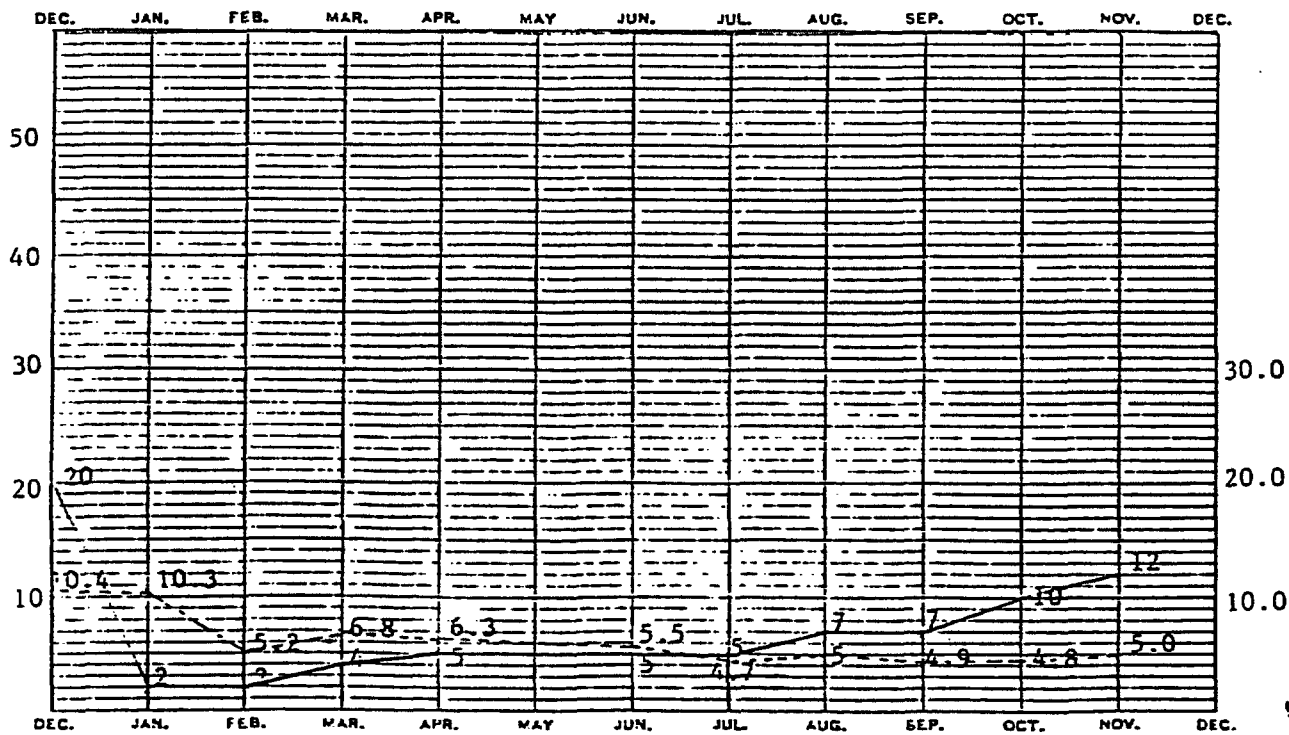
Cumulative TIR



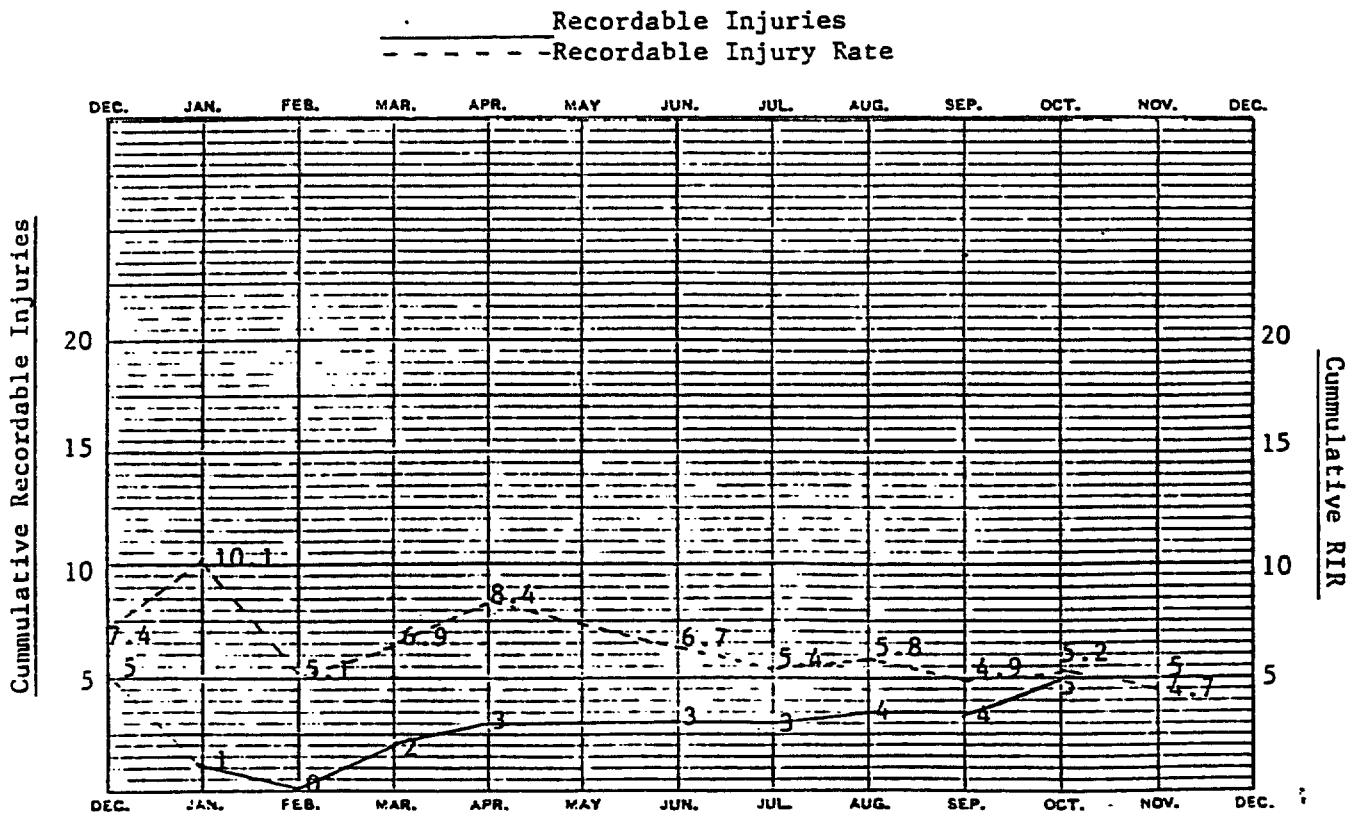
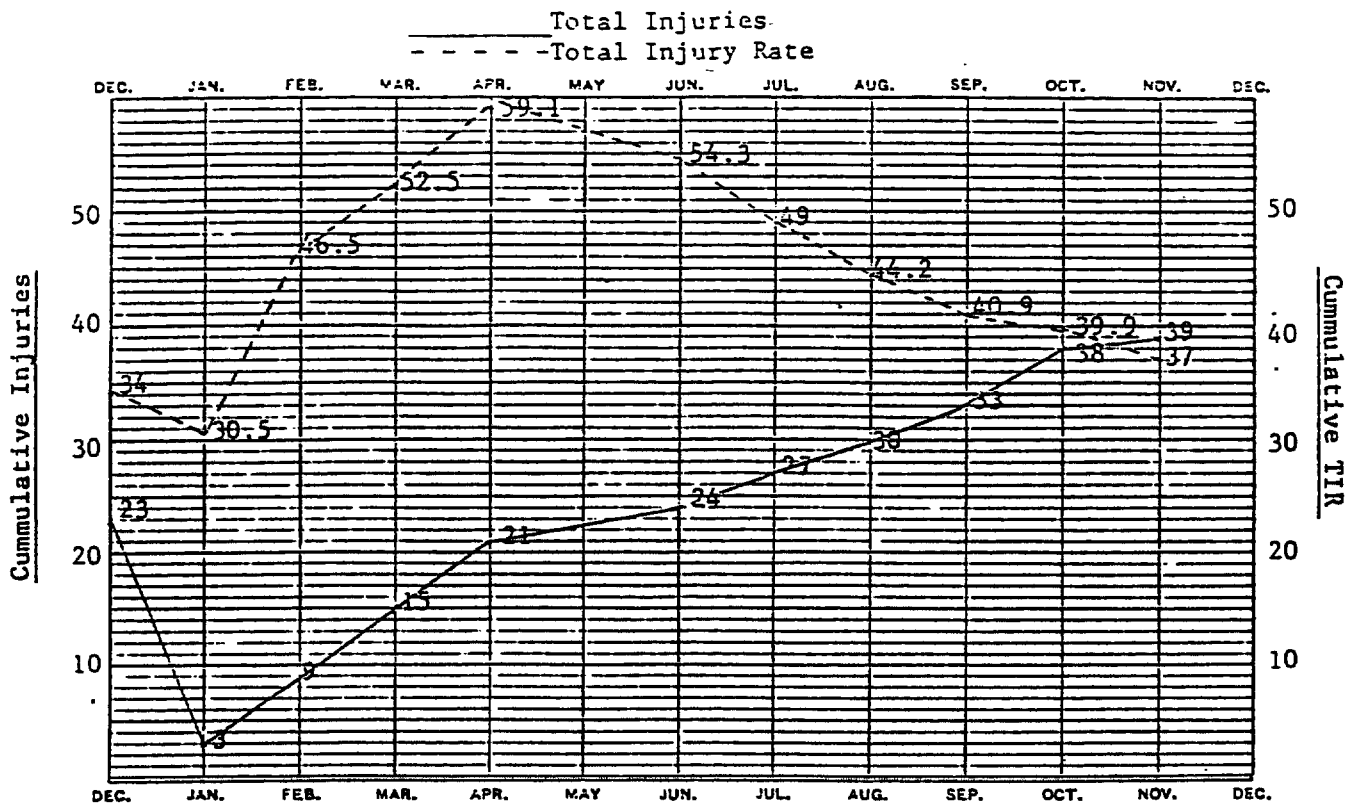
----- Recordable Injuries
 ----- Recordable Injury Rate

Cumulative Recordable Injuries

Cumulative RIR



1950 SAFETY - CAPITAL PROJECTS



CED CONSTRUCTION

TEXAS CITY PLANT

ACCIDENT STATISTICS

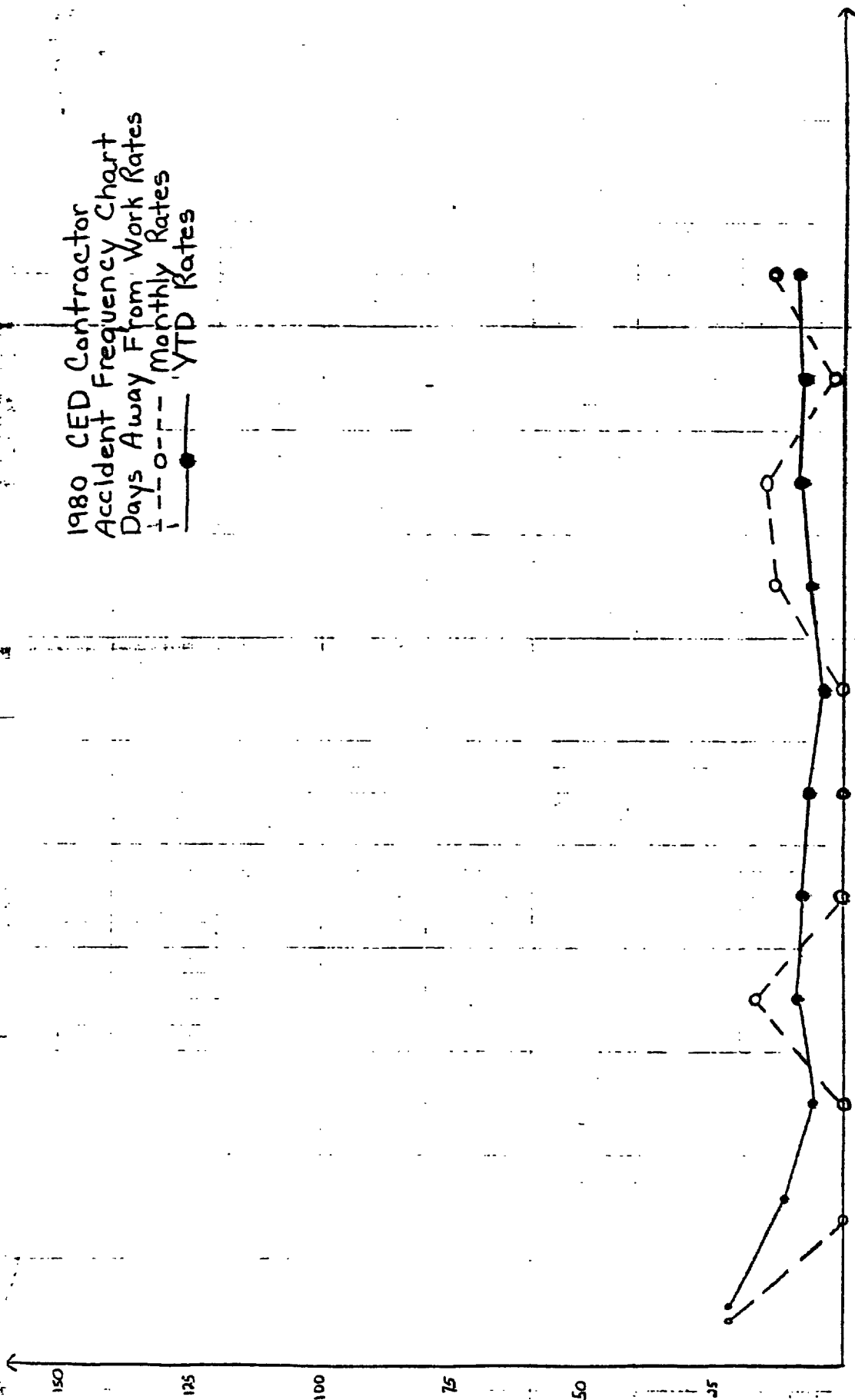
	<u>NOVEMBER 1980</u>	<u>YTD as of 12/1/80</u>
<u>TOTAL INJURY CASES</u>	17	105
<u>RECORDABLE CASES</u>		
(a) Without Lost Workdays (Medical Treatment Only)	0	5
(b) Lost Workdays	3	11
1. Restricted Activity	0	0
2. Days Away From Work	3	11
(c) Fatalities	<u>0</u>	<u>0</u>
<u>Total Recordable Cases</u>	3	16
Total Manhours Worked (MEW)	41,241	223,616
Frequency Rates/200,000 MEW		
Total Injury Rate	82.4	93.9
Total Recordable Rate	14.5	14.3
Total Lost Workday Rate	14.5	9.8
Total Days Away From Work Rate	14.5	9.8

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1980 CED Contractor
 Accident Frequency Chart
 Days Away From Work Rates
 ---o--- Monthly Rates
 —●— YTD Rates



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