

March, 1984

Roger C. [Signature]

SAFETY

Safety performance during March included no AW Cases and four OSHA Recordables. There were 30 industrial injuries, no illnesses, and 9 Off-the-Job injuries.

First quarter safety performance both on and off the job was significantly improved over the first quarter of 1983. Through the first quarter there have been nine OSHA Recordables and compared with eighteen during the first quarter of 1983. Three of these eighteen cases involved days away from work. Cumulative Off-the-Job injuries were 19 through March which compares very favorably with 38 OTJ injuries experienced for the same period last year.

A 1984 Safety Action Plan for the Lake Charles Complex was prepared and forwarded to Division Safety and Loss Prevention. Input for the Plan was solicited and received from the Plant ER Supervisors.

Safety Statistics

Total hours for March	325,821
Cumulative Manhours	981,751
Injury/Illness	30
Recordable Cases	4
Incidence Rate (AW Cum)	0
All Accident Rate	83.53
Incident Rate (RC Cum)	1.83
Off the Job injuries	9
Construction Orientations	165
Service Contractors Orientation	22
Accidents Investigation	20
Job Safety Surveys	42

FIRE PROTECTION

Monthly inspections were completed on the following:

- 10 - Fire Water Pumps
- 137 - Sprinkler Systems
- 53 - Hose trailers/Houses
- 34 - Monitor Nozzles
- 1,378 - Fire Extinguishers
- 123 - Fire Hydrants
- 226 - Post indicator valves

Weekly inspections were completed on the following:

- 10 - Fire Water Pumps
- 4 - Emergency Vehicles

All scheduled meetings of the Plant Emergency Squad were held. The training subjects for the month were CPR recertification and hose handling. A total of 105 members attended these meetings.

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The Emergency Squad was activated five (5) times during the month of March, 1984. These activations were as follows:

- 4-06-84 - Mandown call at Pels
- 4-07-84 - Power loss to Plant B
- 4-07-84 - Pickup truck fire on Pete Manena Road
- 4-26-84 - Dowtherm leak at Pels
- 4-28-84 - Small oil fire at South Liquefaction

During the month of March, 1984 two major underground fire water leaks occurred. One of these was at B dock (16' line) and the other was at Per/Tri (10" line).

The Plant Fire Chief served as an instructor at Stitzlien Fire Training Center on 4/16/84 and 4/19/84 through 4/22/84.

On 4/23/84 the Plant Fire Chief accompanied Roger Corley and J. C. Delgado to Texas A & M's fire training field. The purpose was to finalize plans for the up coming Chemical Division Fire School.

On 4/29/84, Plant Fire Chief and Shift Safety Coordinator Roland Olmsted conducted a safety meeting for the Environmental group. The subject was fighting fire with handheld portable fire extinguishers. A total of 17 people attended this meeting.

Shift Safety

There were a total of (11) medical cases handled by the Shift Safety Coordinators. None of these cases required transport to local medical facilities.

There were approximately 190 job-in progress safety observations made by the Shift Safety Coordinators. The problems that were observed were either corrected on the spot or through day supervision.

Several gang box Safety meetings were conducted by the Shift Safety Coordinators. The major topic was P.P.E.

Shift Safety Coordinators provided Mutual Aid standby services for Carlyss, Moss Bluff and Olin fire departments. Our equipment was not dispatched.

On March 28 and March 29, 1984, Shift Safety Coordinator Dan Duminski attended a safety seminar at McNeese State University.

INDUSTRIAL HYGIENE

Hearing Conservation

Audiometrics Recordkeeping - Phase II of data transfer was completed ahead of target date. The final phase (Sun Data receiving and loading the PPG tape file) of data transfer will be completed by mid-April. The system should be fully operational by May 1, 1983.

Industrial Hygiene services were provided during the test application of Pit-Chor, a new fire retardant protection coating being marketed by the

C & R Division. The test application was done on the VCM spheres. The monitoring results revealed a low potential for solvent exposure during the application process.

Personnel Monitoring Program

- 1) Monitoring Plan - The Environmental Laboratory has finished revising the "Lake Charles Industrial Hygiene Monitoring Plan" document to reflect recent changes and current strategies.
- 2) Monitoring Summary - see attached.

LAKE CHARLES INDUSTRIAL HYGIENE PROGRAM
1984 PERSONNEL MONITORING DATA ON FILE AS OF April 11, 1984

Compound/Agent	Number of Results	Breakdown of Results			
		Below Action Level*	$\geq$ Action Level and $<$ IPEL	Over Standard**	Over Exposure***
Asbestos	12	12	0	0	0
CHCl ₃	11	11	0	0	0
Cis	12	12	0	0	0
CL ₂	7	7	0	0	0
DCE	39	32	6	0	1
EC	62	62	0	0	0
EDC	82	73	3	0	6
HG	4	1	1	2	0
MC	65	65	0	0	0
METHCL	22	22	0	0	0
NAOH	12	6	2	0	4
PER	20	20	0	0	0
Phosgene	6	0	6	0	0
TCE	19	18	1	0	0
TRANS	18	17	1	0	0
TRL	29	29	0	0	0
UNSYM	5	5	0	0	0
VCM	66	60	3	0	3
VDC	68	64	3	0	1
TOTALS	559	516	26	2	15

* The "Action Level" is defined as one-half of the Internal Permissible Exposure Limit. (I.P.E.L.)

** An "Over-Standard" result is defined as $\geq$ IPEL and Personnel Protection Equipment was used.

*** An "Over-Exposure" result is defined as $\geq$ IPEL and no protective equipment was used.

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