

SAFETY - C. M. Markerson/J. V. Uptain

	Jan.	Fiscal Y.T.D. 1995	Y.T.D. 1994
First Aid	1	8	7
OSHA Recordable	<u>2</u>	<u>3</u>	<u>2</u>
Total Injuries	3	11	9
Number of Restricted Workday Cases	2	2	1
Number of Lost Workday Cases	0	0	1

Injuries by Department

Vinyl Operations	1	2	0
Compound Operations	0	3	5
Maintenance	2	5	3
Laboratory	0	0	1
Receiving/Warehouse	0	0	2
Office	<u>0</u>	<u>1</u>	<u>0</u>
Totals	3	11	11

Injuries by Type

Cuts and Abrasions	0	5	6
Eye Injuries	0	0	0
Burns	0	2	1
Bruises	1	1	2
Strains/Sprains	2	2	1
Stings	0	1	0
Other	<u>0</u>	<u>0</u>	<u>1</u>
Totals	3	11	11

Non-Occupational Injuries

Lost Workday Cases	0	0	5
Days Lost	0	0	124

Contractor Injuries

First Aid Cases	0	0	0
Medical Treatment Cases	0	0	0
Lost Workday Cases	0	0	0

Safety Record

Last lost time injury - 01/22/94
 Days since - 374
 Employee hours since - 460,830

On January 31, 1995, the employees of the Aberdeen Plant completed 374 days with no lost time injury.

The main topic for the plant safety meetings during the month was "Medical and Exposure Records Access".

SAFETY - Continued

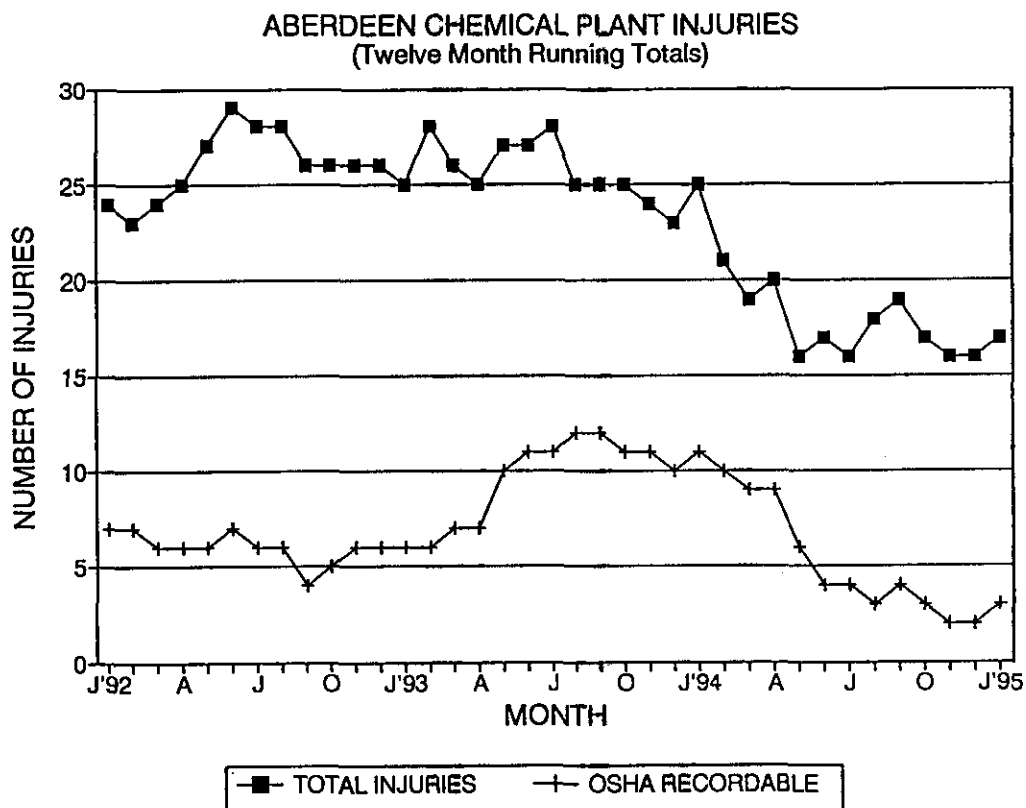
Routine dosimetry results for the month were:

<u>Chemical</u>	< PEL		> PEL	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
VCM	55	94.8	3	5.2
Lead	6	100.0	0	0
Total Particulates	2	100.0	0	0

One of the three VCM overexposures was without benefit of respiratory protection.

Monthly Injury Summary

<u>Injury Class</u>	<u>Department</u>	<u>Description</u>
FA	I&E	Back strain.
RWC	Yard	Muscle strain, left side.
RWC	Maintenance	Contusion, middle right back.



COST VARIANCES - J. B. AutreyVariable Costs

<u>Product</u>	<u>Jan., 95 Variance, \$M</u>		
	<u>Efficiency</u>	<u>Price</u>	<u>Total</u>
PVC	< 184.5>	<3060.9>	<3245.4>
Flexible Compound	31.9	< 418.3>	< 386.4>
Plasticizer	<u>81.6</u>	<u>< 197.5></u>	<u>< 115.9></u>
Total	< 71.0>	<3676.7>	<3747.7>

PVC Resin

The unfavorable efficiency variance for PVC was due to an unfavorable VCM efficiency on a total production basis. Higher than budgeted VCM prices continue to be the cause of the majority of the negative variable cost variance.

Flexible Compound and Plasticizer

The major contributors to the negative Compound price variance continue to be higher than budgeted resin transfer prices and antimony oxide prices, and is offset by favorable aluminum trihydrate prices. The negative Plasticizer price variance is due to phthalic anhydride and alcohol pricing.

Major Price Variances

	<u>Variance - \$M</u>
■ VCM	<3185.3>
■ Resin to Compound	< 272.7>
■ Antimony Oxide	< 103.9>
■ Aluminum Trihydrate Filler	61.7
■ Phthalic Anhydride	< 89.7>
■ Alcohol	< 108.5>

VINYL - J. D. OlsonSafety

The Vinyl Department had no injuries in January.

The monthly safety meetings were held on shift.

General

January's production of 51.9MM is a new monthly production record surpassing the previous mark of 49.8MM set in December, 1994.

VINYL - ContinuedGeneral - continued

	<u>Jan.</u>	<u>YTD</u>
- Production, MM Lbs.	51.9	341.4
- Reactor Stream Factor, %	97.1	95.6
- Resin Quality, % Prime	97.9	97.1
- VCM Efficiency, Lbs./Lb.	1.0447	1.0381
- Daily Rate, M Lbs./C.D.	1674	1588
- Capacity Utilization Factor, %	100.0	94.0
- Total Reactor Charges	1148.0	7663.0
- Charges/C.D.	37.0	35.6
- Rotary Dryer Stream Factor (#4-#8), %	92.7	95.4
- Fluid Bed Dryer Stream Factor, %	96.3	97.2

Reactor DowntimeHours

- Operational downtime (recovery scheduling conflicts). 128
- Mechanical (Mechanical replacement, recovery system repairs) 85

Dryer DowntimeHours

- Operational downtime (cleaning, product changes, and centrifuge plugs). 51
- Mechanical downtime 70
- Reactor limited production 151

COMPOUND- S. C.HillmanSafety

The Compound Department had no OSHA recordable injury during the month.

General

Compound prime production in January totaled 7.4MM pounds.

Plasticizer production totaled 1.8MM pounds in January. Testing was completed on the first DCS training.

COMPOUND - Continued

<u>Compound Production</u>	<u>Operating Days</u>	<u>Production M (Lbs.)</u>		
		<u>Month</u>	<u>Avg./Day</u>	<u>Fiscal Y.T.D.</u>
Line I	31	1880	61	13592
Line III	31	4215	136	28483
Line V	31	1265	41	8398
Total		7360	237	50173
% Prime		97.5		97.1
Capacity Utilization Factor		70.3		68.6

The utilization factor basis was changed for January.

DowntimeHoursLine I

- Product Changes	112
- Miscellaneous Maintenance	32
- Quality	5
- Miscellaneous	21

Line III

- Product Changes	57
- Miscellaneous Maintenance	32
- Miscellaneous	5

Line V

- Product Changes	53
- Miscellaneous Maintenance	22
- Quality	16
- Miscellaneous	9

	<u>Operating Days</u>	<u>Production (M Lbs.)</u>		
		<u>Month</u>	<u>Avg./Day</u>	<u>Fiscal Y.T.D.</u>
Plasticizer	31	1787	58	12711
% Prime		79.2		84.6
Capacity Utilization Factor		69.4		91.1

ENGINEERING - J. E. NickersonOSHA Process SafetyHAZOPS

The New Module HAZOP was completed. Work began on the SA Module HAZOP. Completion is scheduled for March, 1995.

New Module Charge Water System Upgrade

This project will install a new hot water charge pump and associated piping in the New Module. This will provide faster charges and allow simultaneous charge and rinse. Construction is mostly complete. Final tie-ins and programming were completed for startup during the DCS shutdown in late January. We will optimize rates and complete any required troubleshooting in February.

Economy Surplus Power Conversion

A plant electrical curtailment plan is being drafted for potential temporary reductions in power under the new contract. Design work is complete for a power monitoring system which is required with ESP. Contract negotiations with the Aberdeen Water and Light and TVA are in progress. Conversion to the new rate structure should be complete by March 20, with a chance for conversion in February.

Recovery Compressor Addition for Old Module

The AFE has been approved and drafting for the mechanical design is underway.

Activator Replacement and Resin Transfer Improvements

The feeder is on order. Mechanical design work is in progress.

Reactor 741 Larger Batch Trial

The AFE has been approved. Mechanical design work for installation on reactor 741 has commenced. A radioactive materials license is pending.

V-10 Coalescing Filter

A coalescing filter to reduce moisture in the resin dryer transfer air will be installed. Air moisture problems have increased since the rental compressor was brought in.

ENGINEERING - ContinuedPlant Air Upgrade

The silo aeration and blend tank mechanical design is nearly complete. Some piping has been installed. Compressor bid specifications are in progress.

ENVIRONMENTAL - K. G. AkinsWater

All wastewater discharge limitations were within permitted limits for the month of January.

Air

Mississippi's Title V air operating permit regulations became effective 1/28/95. The plant will have until 1/28/96 to submit a Title V air permit application. The emission inventory was essentially completed in January and work will now focus on regulatory analysis and operating flexibility.

The NESHAPS Subpart V VCM valve survey was completed in late December and included a survey of all valves in VCM service. No leakers were found.

Wastes

There were no waste shipments in January.

KEY ENVIRONMENTAL COMPLIANCE DATA

	<u>MONTH</u>	<u>FYTD</u>
Stormwater Outfall Excursions	0	0
Wastewater Outfall Excursions	1	2
Reportable NESHAP Excursions	1	1
Reportable non-NESHAP Air Excursions	0	0
CERCLA/SARA Reportable Incidents	0	0
Other Reportable Incidents	0	0
Citations and NOV's Received	0	0

ENERGY CONSERVATION - J. A. Bodron

	<u>January, 1995</u>	<u>Fiscal Y.T.D.</u>
A. Unadjusted EUI	6.5%	8.0%
B. Adjusted EUI	6.9%	7.9%
C. BTU/Lb. Product	2491.0	2441.8
D. Total Energy Consumption MMM BTU	156.2	1002.5

