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

	Nov.	Fiscal Y.T.D. 1995	Y.T.D. 1994
First Aid	0	6	6
OSHA Recordable	0	1	3
Total Injuries	0	7	9
Number of Restricted Workday Cases	0	0	1
Number of Lost Workday Cases	0	0	0
Injuries by Department			
Vinyl Operations	0	1	0
Compound Operations	0	2	4
Maintenance	0	3	2
Laboratory	0	0	1
Receiving/Warehouse	0	0	2
Office	0	1	0
Totals	0	7	9
Injuries by Type			
Cuts and Abrasions	0	4	5
Eye Injuries	0	0	0
Burns	0	2	1
Bruises	0	0	2
Strains/Sprains	0	0	1
Stings	0	1	0
Other	0	0	0
Totals	0	7	9
Non-Occupational Injuries			
Lost Workday Cases	0	0	3
Days Lost	0	0	78
Contractor Injuries			
First Aid Cases	0	0	1
Medical Treatment Cases	0	0	0
Lost Workday Cases	0	0	0

Safety Record

Last lost time injury - 01/22/94
Days since - 312
Employee hours since - 391,841

On November 30, 1994, the employees of the Aberdeen Plant completed 312 days with no lost time injury.

The topic for plant safety training during the month was **Personal Protective Equipment**.

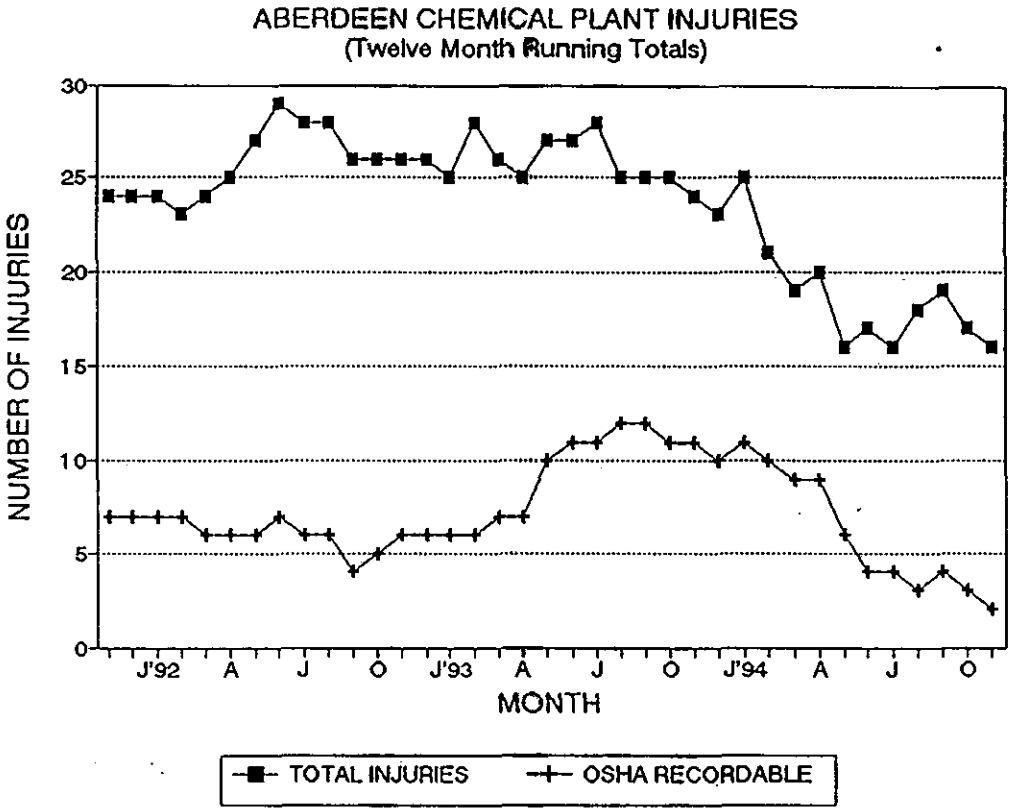
SAFETY - Continued

Routine dosimetry results for the month were:

Chemical	≤ PEL Number	≤ PEL Percent	> PEL Number	> PEL Percent
VCM	57	100.0	0	0
Lead	*			
Total Particulates	*			

Monthly Injury Summary

There were no injuries reported.



COST VARIANCES - S. C. Hillman

Variable Costs

Product	Nov., 94 Variance, $M Efficiency	Price	Total
PVC	<36.6>	<2650.0>	<2686.6>
Flexible Compound	95.8	< 490.2>	< 394.4>
Plasticizer	34.4	< 94.4>	< 60.0>
Total	93.6	<3234.6>	<3141.0>

PVC Resin

The unfavorable efficiency variance for PVC was due to VCM <$217.1M> which was due primarily due to high off-grade production. The high off-grade production resulted in a favorable efficiency variance of $103.9M. The efficiency variance for catalyst was also favorable at $70.5M.

High off-grade production resulted primarily from an unfavorable product mix.

Flexible Compound and Plasticizer

The Compound favorable efficiency variance was due to use of a less costly alternative supply of antimony oxide.

Major Price Variances

	Variance - $M
- VCM	<2633.9>
- Resin to Compound	< 193.3>
- DIDP/TOTM Plasticizers	< 187.8>
- Antimony Oxide	< 114.2>
- Aluminum Trihydrate Filler	98.7
- Phthalic Anhydride	< 43.0>
- Alcohol	< 61.9>

VINYL - J. D. Olson, W. S. Carroll

Safety

The Vinyl Department had no injuries in November.

The monthly safety meetings were held on shift.

General

November production was 47.0MM pounds of which 45.4MM pounds was prime grade resin. Percent asset utilization was 92.3%.

VINYL - Continued

	Nov.	YTD
- Production, MM Lbs.	47.0	239.7
- Reactor Stream Factor, %	95.3	95.3
- Resin Quality, % Prime	96.6	97.5
- VCM Efficiency, Lbs./Lb.	1.0554	1.0367
- Daily Rate, M Lbs./C.D.	1567	1567
- Capacity Utilization Factor, %	109.0	109.0
- Total Reactor Charges	1063.0	5384.0
- Charges/C.D.	35.4	35.2
- Rotary Dryer Stream Factor (#4-#8), %	97.4	96.4
- Fluid Bed Dryer Stream Factor, %	98.2	97.8

Reactor Downtime	Hours
- Operational downtime (recovery scheduling conflicts - 222 hours, hydroblast and inspect D-500 reactor - 33 hours).	336.0
- Mechanical downtime	25.0

Dryer Downtime	Hours
- Operational downtime (cleaning, product changes, and centrifuge plugs).	89
- Mechanical downtime	16
- Reactor limited production	0

COMPOUND - E. T. Stouder

Safety

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

General

Compound production in November totaled 7.0MM pounds. Compound off-grade production totaled less than 40M pounds. The off-grade production rate for the past two months has averaged 0.7% (versus the FY94 rate of 1.8%).

Plasticizer production totaled 1.9MM pounds in November. For fiscal year 1995, the Plasticizer Unit is operating at a 22M pound per year rate.

COMPOUND - Continued

Compound Production	Operating Days	Production M (Lbs). Month	Avg./Day	Fiscal Y.T.D.
Line I	30	1836	61	9711
Line III	30	3924	131	20019
Line V	30	1233	41	5859
Total		6993	234	35589
% Prime		96.8		96.8
Capacity Utilization Factor		94.5		94.8

Downtime	Hours
Line I	
- Product Changes	124
- Miscellaneous Maintenance	13
- Quality	11
Line III	
- Product Changes	75
- Miscellaneous Maintenance	22
- Quality	6
Line V	
- Product Changes	29
- Miscellaneous Maintenance	14
- Quality	42

	Operating Days	Production (M Lbs.) Month	Avg./Day	Fiscal Y.T.D.
Plasticizer	30	1897	63	9207
% Prime		82.8		85.6
Capacity Utilization Factor		83.3		83.7

ENGINEERING - J. E. Nickerson, T. R. Mackay, R. H. Sneed

PROJECTS IN DEVELOPMENT - GENERAL

EXPRESS

We participated with GED in evaluating outside engineering companies for engineering procurement and construction of EXPRESS. Work has progressed in putting together a scope package that can be taken to a contractors office for work to begin. Prepared and reviewed bid packages for major equipment. Reviewed estimate for Phase I.

ENGINEERING - Continued

Boiler Feedwater Deaerator Addition

This design is part of Phase II EXPRESS. This design upgrades deaerator equipment feeding the boilers. Upgrading this equipment will improve its stream factor. This design installs an additional deaerator and deaerator feed pump to help meet post EXPRESS steam requirements. Class "A" design is currently being reviewed.

OSHA Process Safety

Process Safety Information

Work is finished on locating and developing equipment specifications and documentation for the New Module.

Procedures

Approximately 20% of the New Module Procedures have been approved.

HAZOPS

The New Module HAZOP Team completed the line-by-line analysis. Completion for the New Module and the SA Module is scheduled for March, 1995.

Reactor Sight Glass Installation

The design for the reactor sight glass is complete. Purchase orders have been placed for the fabrication of the sight glass and all other components. This sight glass will be used to detect foaming during the upcoming larger batch test runs.

RX-600 Larger Batch Trial

An application for a Radioactive Materials License was submitted to the Mississippi State Department of Health, Division of Radiological Health. This license is necessary prior to installation of a nuclear source on the reactor. The project was estimated and an AFE was submitted for approval.

New Module Recovery Observation

An AFE has been issued for the installation of a sight glass and camera in the New Module Recovery building. Control room operators will be able to observe the VCM recovery header for foaming during recovery. This will help prevent quality problems and equipment problems as work continues to speed up recovery times. Equipment, which includes the flow indicator and the camera, has been ordered.

ENGINEERING - Continued

P-1 Reactor Header Modifications

The vacuum breaker was permanently installed on R-1. Modifications to the first reactor should be complete for a start up sometime in January. This project will reduce batch cycle times by as much as three hours by improving the heat up and cool down times.

Calcium Stearate Addition Upgrade

Replacing wet calcium stearate in 5385 with dry calcium stearate addition has the potential of saving $160M a year in raw material costs. It will also require less operator manpower. A test run on the fluid bed dryer demonstrated that dry CaSt can successfully be used. However, the rotary dryers still require wet CaSt due to addition limitations.

VCM Vapor Lines Winterization

This project will reduce fugitive VCM emissions in the VCM tank farm area. VCM condensation in the lines leading to the railcar unloading compressors is suspected of causing fugitive VCM emissions at the compressors. Heat tracing these lines will prevent this from occurring. Installation began in early December and should be completed by the end of the month.

RVCM Subcooler Addition

This project will help further reduce reactor recovery times during the summer months. The subcooler will reduce the temperature of the recovered VCM as it enters the receiver, which will subsequently lower the back pressure in the receivers. Reduced back pressure in the receivers will significantly improve reactor recovery rates. The Class "A" design has been reviewed and the AFE submitted for approval.

Boiler Feed Water Softener Replacement

The Class "A" Design to replace existing water softeners is complete. This project will save an estimated $42M annually in regenerative salt costs. The softener's capacity will also be increased to meet expected post Pony EXPRESS steam requirements.

V-10 Slurry Transfer System Upgrade

This project will replace the slurry transfer pumps currently being used in the Pond 2 resin drying system. Other piping modifications will be completed to reduce downtime associated with plugged pipes and pump maintenance. The design and estimate were presented to Conoco and approval for the project has been obtained.

ENGINEERING - Continued

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 and programming are nearly complete. Some downtime will be required for start up.

Economy Surplus Power Conversion

The plant is currently pursuing conversion of its electrical supply to TVA's Economy Surplus Power rate structure. Estimates of various plant electrical loads is in progress. A plant curtailment plan is being drafted for potential temporary reductions in power under the new contract. Contract negotiations with TVA and Aberdeen Water and Light should begin in December. Conversion to ESP should occur in January or February. Selection of a power monitoring system, which is required with ESP, is complete and design work is in progress.

Suspending Agent Charge Modifications

A test run proposal to charge suspending agent into the water charge header has been completed. This test run will determine if SA charge amounts can be reduced and if particle size variability can be improved by charging SA into the charge water header. The test run will also be used to determine if higher on-charge temperatures can be achieved without sacrificing quality.

Recovery Compressor Addition for Old Module

This project adds another compressor to the Old Module to decrease recovery times. Calculations show a production increase of 2.3 MM lbs/year with the decreased recovery times. The design and estimate are complete with a review meeting scheduled for mid-December.

Activator Replacement and Resin Transfer Improvements

This project replaces the activator on Dryer #8 with a new dense phase transfer system. This system will require less air and will be able to transfer up to 25,000 lbs/hr. A consignment feeder will be installed first. The consignment design has been reviewed and an AFE has been submitted.

ENVIRONMENTAL - K. G. Akins

Air

Stack testing for particulates on dryers and silos was conducted in November to assess the plant's status as a major or minor source. Final results will be available in mid-December.

ENVIRONMENTAL - Continued

Wastes

A bulk shipment of floor sweepings was shipped to Chemical Waste Management in Emelle, Alabama.

A bulk shipment of empty lead/antimony bags was shipped to Chemical Waste Management in Sulphur, LA.

KEY ENVIRONMENTAL COMPLIANCE DATA

	MONTH	FYTD
Stormwater Outfall Excursions	0	0
Wastewater Outfall Excursions	1	1
Reportable NESHAP Excursions	0	0
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