

To: G. D. Bevis

From: J. C. Palinsky

Located at: Leominster, Mass.

Monthly Report
From: November 1979

Date: December 31, 1979

DISCUSSION:

1. The Bendix Area Monitoring System experienced no shutdown time during November. Minor problems were solved by the EPA Coordinator.

Since a voltage upset was suspected as a possible cause of some malfunctions, a recorder is being used to monitor the power supply.

2. The EPA Coordinator will attend Century OVA training sessions on December 10th and 11th. Equipment "on-site" repairs remain high.

Two units were returned to the manufacturer for complete overhaul. All units were operating at the end of November.

3. Hnu maintenance remained high, but all problems were resolved at the plant and two units are operational while one is out for repairs.

4. VCM area monitoring levels were down during November but 4 of 9 OSHA points averaged over 1.0ppm, but less than 2.0ppm for the month. Leaking manhole covers and poor seals on slurry transfer strainers all contributed to the low level alarms. One problem resolved was the elimination of VCM in the cooling water return sumps.

5. EPA perimeter and off-site monitoring continued to be excellent with no levels exceeding 1.0ppm VCM and most readings were non-detectable.

6. Reactor Opening Losses ^{homopolymer} were 89.1% in compliance, improvements were made through vacuum pump efficiency upgrading and higher temperature test levels with most of the success noted during the latter half of the month.

7. The new EPA Technician hired to replace the vacancy left by the promotion of D. Picard and the subsequent personnel realignment is still pending. This is creating several problems in operational continuity within the department, but the new technician will join the group during the first week of December.

VINYL CHLORIDE CONTROL:

I. Monitoring Summaries (Personnel)

<u>A. Monthly Monitoring Tests</u>	<u>November</u>
1. Personnel on Regulated Roster	189
2. Personnel Tested	126
3. Personnel Tests	129
4. Invalid Tests	9
5. Repeat Tests	3
6. Total Tests	129

VINYL CHLORIDE CONTROL:

I. Monitoring Summaries (Personnel)

<u>B. Monthly Average by General Job Categories</u>	<u>November</u>
1. PVC Operators	2.7
2. PVC Helpers	0.9 ?
3. Dryer Building	4.5
4. PVC Supervisors and Engineers	0.4
5. Polyco	0.3
6. Shipping	0.1
7. Maintenance	0.8
8. Development	0.2
9. Operations and Administration	0.5
10. Total Site	1.4

II. MAC Room Status

A. Bendix Monitoring System

1. System #1, monitoring 16 points was in alarm 4.3% of the time.
2. System #2, monitoring 16 points was in alarm 1.4% of the time.
3. System #3, monitoring 9 points was in alarm 0.6% of the time.
4. Total alarm duration in minutes 41,351
5. % of time all points were in alarm 2.4

B. Bendix Monitoring Equipment Downtime

- | | |
|----------------|---------|
| 1. System #1 | 0 hours |
| 2. System #2 | 0 hours |
| 3. System #3 | 0 hours |
| 4. Total | 0 hours |
| 5. % Time Down | 0 % |

C. Hnu Units Status

1. Two units were operational, one in for repair.

D. Monitoring Equipment Expenses

1. November - Approximately \$200.00.

E. Air Intake Monitoring (Testing Continuously)

1. Monthly Average - 0.26ppm

F. Special Monitoring

- | | <u>November</u> |
|--|-----------------|
| 1. No. of tests (Sipin Pumps in down reactors) | 0 |
| 2. Range ppm | 0 |

NOISE CONTROL:

I. Monitoring Summaries

A. Monthly Monitoring Tests

1. Personnel Tested 0

NOISE CONTROL:

I. Monitoring Summaries

	<u>November</u>
<u>B. Monthly Average Plantwide (8 hour TWA)</u>	
1. No. Invalid Tests	0
2. No. Tests	0
3. Range dBA	0%

II. Area Monitoring

A. Monthly Monitoring Tests

1. Areas Tested	0
2. Area Tests	0

B. Monthly Average by Work Area (Sound Level Meter)

	<u>dBA Range</u>
1. Bldg. 1-W Upper	No Work Done
2. Bldg. 1-W Lower	No Work Done
3. Bldg. 1-E Upper	No Work Done
4. Bldg. 1-E Lower	No Work Done
5. Bldg. 7-E Upper	No Work Done
6. Bldg. 7-E Lower	No Work Done
7. Bldg. 7-W Upper	No Work Done
8. Bldg. 7-W Lower	No Work Done
9. Bldg. 3	No Work Done
10. Bldg. 2	No Work Done
11. New Recovery Building	No Work Done

FUTURE PROJECTS:

I. Projects

A. Vinyl Chloride Exposure

1. Special area testing will resume as manpower permits.
2. A complete fire protection system audit took place. A report was issued by the insurance company. A reply was made by the Safety Engineer.
3. A dust monitoring program was studied. Corporate assistance and more sophisticated testing will be done in January.

B. Noise Surveys

1. Dosimeter monitoring in November was curtailed due to equipment failure. Full scale monitoring will begin when equipment is in repair and manpower requirements are satisfied.

C. Housekeeping

1. General advice and emphasis will continue through the safety tour observations regarding housekeeping.

- D. The EPA Coordinator will attend Century training school on December 10 and 11, 1979.

- E. The EPA Coordinator will visit the Illiopolis works and observe reactor opening loss procedures on December 13, 1979.

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- I. Portions of the data contained in this report is extracted from reports by R. A. Slocumb, C. Snyder, and K. Landry to J. C. Falinsky and were only summarized for convenience.

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Safety Engineer

JCP/kml

cc: N. M. Blackman

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