

To: B. Coopersmith

Date: October 31, 1984

Location: NA

Copy to: R. F. Anderson

From: H. C. Gaffney

J. F. Daly

Location: MCG

J. S. Druzbacky

Extension:

R. L. Johnson

F. F. Loffelman

S. M. Lustig

C. G. Neumann

M. Olian

Subject: MONTHLY REPORT

Reference:

I. SAFETY & HEALTH

A. The plant has operated 4704 days (thru 10/20) without a disabling injury.

B. There were no recordable injuries during this period.
Y.T.D. I.E.A. is 4.47.

The plant was the subject of an OSHA audit which resulted from our invitation to OSHA a year ago when we received "STAR" recognition. Cliff Hellings was present for the one day audit.

We will apparently receive a clean bill of health.

C. The latest blood lead levels for 24 employees (all but office personnel) are:

	<u>OCT.</u>	<u>LAST</u>	<u>6 MOS. AVERAGE</u>
50 ug Pb/100 grams blood or above	2	2	2
40 - 49	13	10	11
Below 40	9	13	11
% below 50	92	92	92
Average	40	39	39

II. PRODUCTION & SHIPMENTS

	ACTUAL <u>OCT.</u>	EST. <u>NOV.</u>	EST. <u>DEC.</u>
% of Budgeted Rate			
Stabilizers	100	94	104
Litharge	106	112	112
Plant Total	102	100	106
SHIPMENTS k pounds			
Stabilizers	586	450	550
Litharge	5	20	0

III. INVENTORY

	<u>END OF SEPT.</u>		<u>END OF OCT</u>		<u>END OF NOV</u>		<u>END OF DEC.</u>	
	k\$	DOS	k\$	DOS	k\$	DOS	k\$	DOS
Finished goods	161	18	228	32	225	27	200	24
Support goods	317	36	284	40	370	44	360	43
Plant Totals	478	54	512	72	595	71	560	67

Increase in support goods inventory results from higher purchases of lead to avoid price increase.

IV. TECHNICAL

A. EXTRUDATES

Draft of final sales brochure has been completed. The Extruder is now running routinely 8-12 hours/ day, 5-6 days/week. However, we still have some production impediments to resolve before we establish a continuous running operation.

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IV. TECHNICAL (continued)

B. PPG

Lab work is continuing to optimize the solids content for producing 2-1-0 form. We hope to be able to try in the plant early in November.

A meeting has been tentatively scheduled for 11/19/84 in East Point, Ga.

We now have a sample of Lead Cyanamid that PPG considers suitable. We are looking at having CRD do preliminary work on process development.

C. PACKARD ELECTRIC

We now have the formulation Packard wishes us to use. Lab work will begin in November.

D. LECTRO 105 and 65

These two new offerings from Associated Lead have been analyzed. Our best estimate of their compositions is:

Lectro 65: A Monobasic Sulfo - Phthalate with a ratio of 26% Sulfate to 74% Phthalate.

Lectro 105: A blend of 43% Tribase EXL, 52% Dythal, and 5% Calcium Carbonate.

Based on this information, we are now attempting to develop similar stabilizers.

E. LYNN PLASTICS

Lynn found that Cyastab 949 darkened more than Lectro 90 in their formulation after 100 minutes at 220°C.

Using Lynn's formulation we developed a stabilizer which equals the performance of Lectro 90. This stabilizer is a blend of 78% 918, 17% Calcium Carbonate and 5% Barium Stearate. Report has been issued.

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IV. TECHNICAL (continued)

F. CAPITAL WIRE

A stabilizer was found to replace Envirostab 1160 across - the - board in Capital's formulations.

Initially, three candidates were screened in Capital's 105° THH compound. The best candidate, Cyastab 918, was then compared to Envirostab 1160 in the other three formulations provided by the customer.

G. GEORGIA PACIFIC

All materials for re- testing are in the hands of Bridgewater Technical Service.

H. TENNECO

Cyastab 800-0 is as good as Tribase - oiled electrically. 523 - 0 will be made in the laboratory using this 800-0 and Barium Stearate. This, we expect, to be the equivalent of tribase XL - oiled.

V. GENERAL

- A. Lead price now at 22¢ lb. Amax, St. Joe, and Asarco still have strikes in either their mines or smelters but all are operating (at low levels) with salary personnel.

The reduced domestic production coupled with the very low European inventory and the expected surge in lead orders by battery people should result in an escalation in lead price. To protect against this increase and possible lead shortage we have purchased enough lead to carry us into the 1st quarter of 1985.

B. MEETINGS AND VISITORS

1. The writer attended two L.I.A. meetings. Oxide, & Chemical and Enviromental & Health Committee.
2. Participated in Dr Berry's Plant Managers Meeting in Wayne.
3. WI accounting here two days for annual inventory.

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V. GENERAL(continued)

C. Personnel	Salary	12	
	Hourly	16	Hired one man for extractor operator

D. EXTRUDATES

Good feed back from Flex regarding first 12k lb shipment of Cyastab 1801.

40 k lbs mixed order to Cerrock 11/1

12 k lbs order for Cyastab 1800 to Flex 11/12

E. We will reinstate & actively pursue our program for running dryer tests for Lead Sulfates & Phthalates.

A new dryer will:

be energy efficient

increase thruput

eliminate black specks problems with Lead Phthalate

The reasoning for the above is that the existing P & S dryer is proving to be an unsatisfactory processing tool due to quality and maintenance problem.


H. C. Gaffney

HCG:db

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