Air Products and Chemicals INC.

ESCAMBIA PLANT

INTEROFFICE MEMORANDUM

To: Mr. E. A. Ray

Date: 10 April 1974

Copies: R. E. Jones
A. K. McMillan
E. A. Primeau

From: Mr. Dale H. Francke

Re: March PVC Material Balance

Attached is the March 1974 Material Balance for the Escambia PVC Plant. This is the second month this balance has been run and the first month of reasonably complete data. Calculations were made based on averages of data collected. Improvement in the analyses and flows will still be worked on so that accuracy can be improved. Hopefully data from continuous sampling of the dryer vents, the blend tank vent, and the condensor vent will be used for about one-half of the April Balance when the Bendix Unit in the Finishing Building is operable.

The overall balance for March shows an unaccounted loss of PVC-VCl of 1.90%. This is an improvement in accountability over February by .7%. The overall accountability for the first two months of the program is 97.77% or an overall loss of 2.24%.

Dale H. Francke

Dale H. Francke

DHF:bp

Enclosures (2)

AP00035190

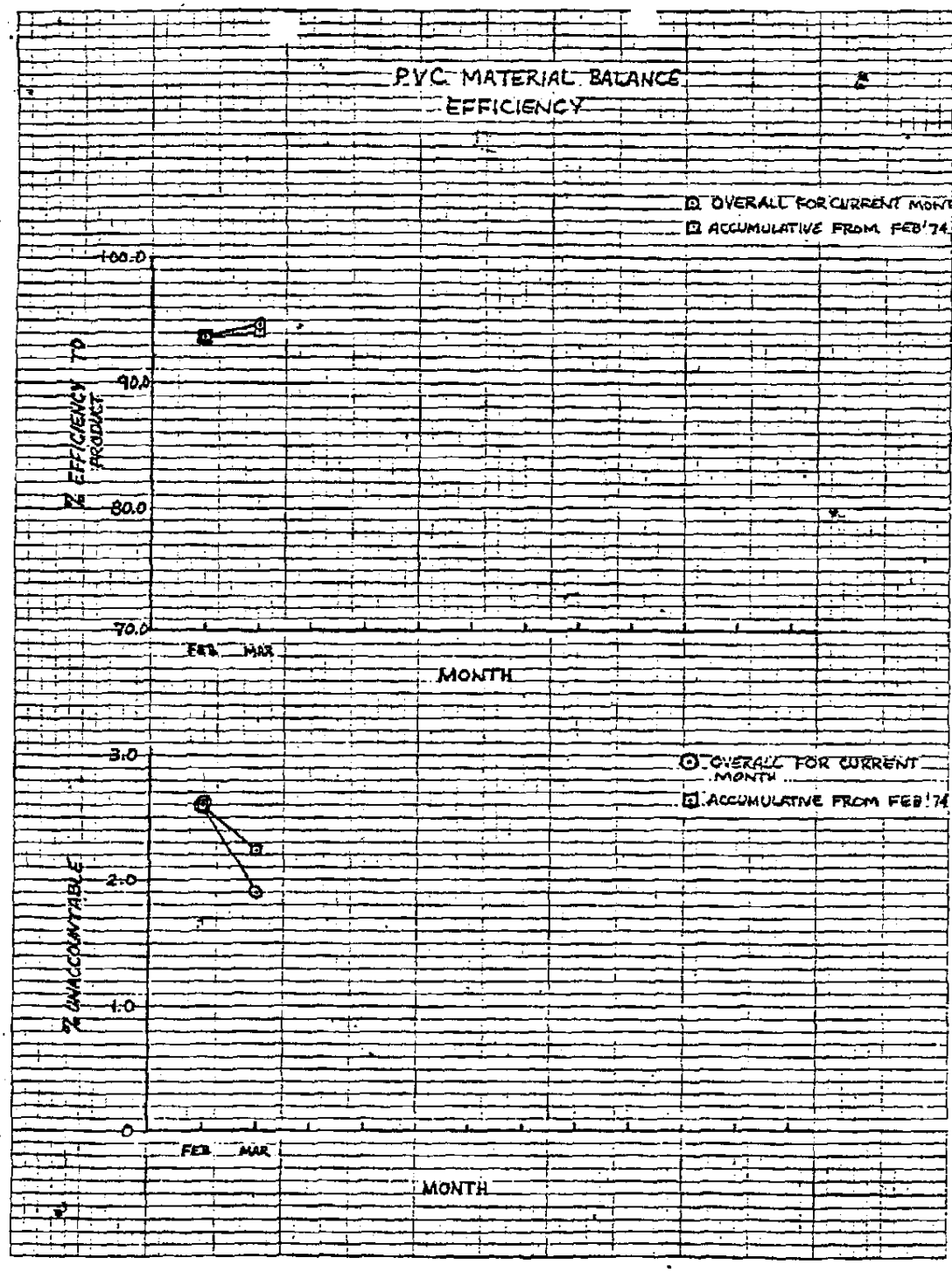
PVC - VCl MATERIAL BALANCE
PACE PLANT

MONTH OF March 1974

		Pounds	% of VCl Charged Sub-Total	Total
A.	1. VCl Charged (based on billing weights)	6,825,921		100.00%
	2. VCl Weight Difference	24,087		.35
B.	PVC Out to Product:			
	1. PVC to Prime	6,237,000	91.37	
	2. PVC to off-grade	224,000	3.28	
	Total PVC To Product	6,461,000		94.65
C.	PVC Losses			
	1. a) PVC to dump from Reactor bldg.	38,235	.56	
	b) PVC to dump from Dryer bldg.	2,315	.03	
	Subtotal to Dump	40,550		.59
	2. a) South Dryer Discharge	52,411	.77	
	b) North Dryer Discharge	17,274	.25	
	Subtotal out dryers	69,685		1.02
	3. PVC to Pond in Effluent Water	22,230		.33
	Total PVC Losses	132,465		1.94
D.	VCl Losses			
	1. a) South Dryer Discharge	1,910	.03	
	b) North Dryer Discharge	3,034	.04	
	Subtotal from Dryers	4,944		.07
	2. VCl in Effluent Water	1,004		.02
	3. VCl from Open Reactors	2,289		.03
	4. VCl in Blend Tank Vent	5,581		.08
	5. VCl in Condensor Vent	4,548		.07
	6. a) VCl from South Stripper	6,198	.09	
	b) VCl from North Stripper	891	.01	
	Subtotal from Strippers	7,089		.10
	7. VCl in Vented Reactors (recorded)	40,000		.59
	8. VCl from Recovery System	12,493		.18
	9. VCl from Venting Charge Pump	545		.01
	Total VCl Losses	78,493		1.15
Total Accounted For Out		6,696,045		98.09
Total Un-accounted For		129,876		1.91

Efficiency to: Prime 91.37 %
Off-Grade 3.28 %
Overall 94.65 %

AP00035191


P.V.C. MATERIAL BALANCE
EFFICIENCY
OVERALL FOR CURRENT MONTH
ACCUMULATIVE FROM FEB'74
100.0
90.0
80.0
70.0
% EFFICIENCY TO PRODUCT
FEB
MAR
MONTH
3.0
2.0
1.0
0
% UNACCOUNTABLE
OVERALL FOR CURRENT MONTH
ACCUMULATIVE FROM FEB'74
FEB
MAR
MONTH

AP00035192