

RENECO CHEMICALS, INC.

AT Burlington

DATE April 16, 1974

At Burlington

COPY TO File

SUBJECT Paint Chips

The chips submitted by you were analyzed in the Analytical Laboratory using microscopic analysis as well as solvent treatment. The following is a summary of the results:

1. Microscopic Examination

The outside surface areas of the chips showed a flawless surface with no unusual contamination of dust or other foreign particles. The wall side of the chips showed sporadic contamination of what was found to be old paint which is assumed to be from a previous paint coat. It is suspected that the old coat was of a different nature than the white paint, by virtue of the paint texture.

2. Solvent Treatment

Based on the above observations, the samples were subjected to treatment with tetrahydrofuran, acetone and heptane. Acetone and heptane allowed the removal of the old coat from the white paint coat, indicating solubility of the old coat.

It is suspected that the combination of different types of paint, oil base versus latex base, without a pretreatment with a sealer may have caused excessive peeling. Furthermore, some of the chips showed blister type spheres which give rise to the suspicion that the surface, while painted, was not completely dry.

Fred W. Kangel

F.W. Kanzler

FWK/jst

COLORITE 012760

4/16/74

REACTOR LEANING
AERATION BEFORE ENTERING

March 11, 1974

Reactor #16

<u>Cleaning Step - Work Performed</u>	<u>Elapsed Time</u>	<u>Area Face</u>	<u>OVA, ppm</u>		
			<u>Top Reactor</u>	<u>Center Reactor</u>	<u>Bottom Reactor</u>
Operator opening lenape		30-500			
Airing out	0		1000-3000	700	600-700
" "	5		40	25	30
" "	10		25	15-18	22
" "	15		15	15-18	25-30
" "	20		9-12	8	10-15
" "	25		6-8	7-8	8
" "	30		7	5-7	7-11
Wash-Out	31	3-7			

COLORITE 012761

REACTOR CLEANING - MANUALLY

4/16/74

March 15, 1974

Reactor #17

Cleaning Step - Work Performed	Elapsed Time	Area Face	OVA, ppm			
			Top Reactor	Center Reactor	Bottom Reactor	
Airing - after 60 minutes		-	25	7	10-12	Coppus - in
Wash-Out		4-7	-	-	-	Coppus - out
Ladders in		-	25-45	7-10	7-10	Coppus - in
Cleaner - in	0					
Cleaner in top cleaning	2	-	16	-	-	Coppus - in
Cleaner in center cleaning	5	-	-	5-10	-	Coppus - in
Cleaner in top far side cleaning	10	-	20-25	25-30	30-40	Coppus - in
Cleaner in top near side cleaning	15	-	10-15	10-20	-	Coppus - half out
Cleaner in far side bottom cleaning	17	-	-	-	20	Coppus - in
Cleaner in near side bottom cleaning	19	-	-	-	4	Coppus - in
Cleaner at agitator shaft cleaning	23	-	-	4-15	-	Coppus - in
Cleaner at baffle cleaning	26	-	-	3	-	Coppus - in
Cleaner one ladder out	29	-	-	-	60-100	Coppus - out
Cleaner in bottom cleaning	32	-	-	-	7-10	Coppus - in
Cleaner bag scrapings	35	-	-	-	4-8	Coppus - in
Cleaner clean dump valve	40	-	-	-	4-10	Coppus - in
Cleaner - Out	42	-	-	30-45	60-80	Coppus - out
Wash-Out	44	3-5	-	-	-	Coppus - out

COLORITE 012762

4/16/74

TOWER CLEANING - MANUALLY

April 15, 1974

<u>Cleaning Step</u>	<u>Cleaning - Elapsed Time</u>	<u>Tower Number</u>	<u>OVA, ppm</u>
Before jet cleaning	-	3	8-12
After jet cleaning	-		2.5
Cleaner entering tower	0		2
Clean in top of tower	1		2
Clean heat finger	2		2
Clean bottom of tower	10		2
Cleaner leaving tower	12		2
Before jet cleaning	-	10	4
After jet cleaning	-		4
Cleaner entering tower	0		3
Clean heat finger	2		3
Clean bottom of tower	5		3
Cleaner leaving tower	7		3
Before jet cleaning	-	2	10
After jet cleaning	-		4-6
Cleaner entering tower	0		2.5
1st heat finger - cleaning	2		2.5
Clean bottom of tower - start	4		2.5
Clean bottom of tower - finish	10		3
2nd heat finger - cleaning	11		3
Cleaner leaving tower	13		3

COLORITE 012763