Operation Report
Dept. 246 - Aroclor
August - 1965

Production (Current Month)

Scheduled - 1,844,429#
Actual - 1,844,429#

Production (Year to Date)

Aroclor	Current Month	Year to Date
1232	0	47,840
1242	1,030,456	6,349,622
1248	231,810	4,244,236
1254	113,944	4,258,087
1260	468,219	3,654,373
1262	0	54,780
MCS-295	0	68,580
	1,844,429#	18,677,518#

Average Monthly Production - 2,334,690#

Availabilities

Repair - 100% Process - 100% Other - 100% Total - 100%

Yields

	Standard	Actual	YTD
% Theory on Biphenyl -	95.50%	97.08%	98.41%

Quality

The thermal-chemical stabilities was not reduced by using revaporized chlorine instead of the usual snift gas. Further tests are planned to confirm these results.

The one lot of electrical grade 1242 produced this month had a thermal-chemical stability of 0.55 ppm. The thermal-chemical chlorides were higher in June, July, and August than in the preceding months of this year. There has been no process change to account for this increase.

It is planned to run a plant test in September to determine the effect on quality of chlorinating biphenyl without the iron nipples in the chlorinator. Ferric chloride will still be added. One chlorinator will be used for this test. The test material will be isolated and the existing tests run for electrical properties and stabilities. The test material will be shipped as non-electrical material. A process amendment to run the tests is being circulated for approval.

Operations

DSW 296444

All downtime this month was caused by high inventories. Three of the five chlorinators were operated instead of operating at the usual rate and shutting down completely to provide the chlorine department with a third snift gas user.

The HCl off-gas was sewered part of the time for two days due to fouling of the off-gas condenser. The problem has been corrected.

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Dept. 246

The experimental horizontal pump on No. 2 still failed on 8/9/65 due to the mechanical seal. The old submerged pump was put back into service. The horizontal pump will be tried again after the installation of high temperature packing to replace the mechanical seal.

The nuclear density gauge on No. 4 chlorinator remains to be demonstrate

Dept. Stock

	Aroclor	1st of Month	Last of Month
Whse. Stock	1242	206,970#	141,930#
	1248	286,920	297,075
	1254	652,210	435,580
	1260	175,860	198,360
	1262	64,440	41,040
	MSC-295	68,570	68,570
Total Whse. Stock -		1,454,790#	1,182,555#
Dept.Stock	1242	383,462#	509,123#
	1248	212,430	93,900
	1254	98,496	112,176
	1260	228,219	150,876
Total Dept. Stock -		922,607#	866,075#
Whse. & Dept. Stock -		2,377,397#	2,048,630#

D. E. Harris

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