MIDDLETON

Operations Report
Dept. 246 - Aroclor
February - 1965

PRODUCTION SUMMARY (Current Month)

Scheduled - 2,240,000#
Actual - 2,473,570#
% of Schedule - 110%

PRODUCTION SUMMARY (Year to Date)

Aroclor	Current Month	Year to Date
1242	934,317#	1,763,507#
1248	627,849#	1,461,415#
1254	461,707#	1,058,364#
1260	414,717#	755,322#
1262	11,580#	11,580#
1254 - 10% Xylene	23,400#	23,400#
Total -	2,473,570#	5,073,588#

Average Monthly Production - 2,536,794#

Availabilities
Repair - 93.90% Process - 97.17% Other - 99.00%

YIELDS

	Standard	Actual	YTD
% Theory on Biphenyl -	95.50%	98.47%	99.8%

SIGNIFICANT ITEMS THIS MONTH

This month's production rate was second only to January's record rate. February's high production rate and yields verify last month's production and yield after allowing for the 70,000# inventory error in December, 1964.

To consistently produce Aroclor 1242 with a thermal-chemical stability of 0.55 ppm or less, the distillate from still boil downs at the end of each Aroclor 1242 run was kept separate for use in non-electrical material. The two lots of 1242 produced in this manner had thermal-chemical stabilities of 0.28 ppm and 0.44 ppm. The material with the 0.28 ppm was produced between the first and last 25% of the run. Also during the 1242 run the sensing point for vacuum control was changed from the receiver to the still on No. 1 still. Near the end of the month the vacuum control on No. 2 still was modified in the same way. These results are encouraging, but will not be conclusive until additional runs produce the same results.

feel proud

The cooler and Brinks mist eliminator in the HCl off-gas line was put into operation on 2/5/65. The system is performing satisfactorily with no pluggage of the off gas line and no reports of Dept. 246 HCl gas contaminating muriatic acid since its start up.

DSW 296468

Dept. 246 (cont.)

Information was received on the operation and standardization of the nuclear density gauge on No. 4 chlorinator. This unit will be put into routine operation and checked out next month.

The drumming operation was increased from 2 shifts/day to 3 shifts/day. The fork lift to be used in the department for moving drums is scheduled to be delivered early next month.

Stock Position

Product	Aroclor 1st of Mo.	Last of Mo.
Whse. Stock -	1,480,885#	1,575,018#
Dept. Stock -	997,657#	842,191#
	2,478,542#	2,417,209#

D. E. Harris

ghw

DSW 296469

STLCOPCB4066413