Monsanto

FROM (NAME & LOCATION) William C. Engman, Krummrich Plant

DATE October 15, 1970 cc: B. W. Corlew

SUBJECT AROCLOR 1260 QUALITY PROBLEM NOTES

REFERENCE

TO D. C. Armstrong
R. M. McCutchan
W. A. Krull

Knowns

1. Problem is with 1260 - not 1254 or 1248 or continuous 1242.

2. Quality problem is with stability not with other quality aspects such as resistivity, power factor, physical properties.

3. Problem did not exist as late as 8/9 (6/21). Problem has existed 9/5 (7/10) till present time (Runs 9/5-9/9, 9/28-10/5 both bad).

4. Lab distillations of 1160 from each of the 5 chlorinators (Batch KM-1017) show high A. C. Cl^-.

5. Problem exists even when catalyst is doubled.

To be Proved

1. Lab distillation in (4) above is a valid test. If valid, problem lies with raw materials.

Test - Wayne Krull will be responsible:

1st level		2nd level		Tentative Conclusion
run lab chlorination and distillation for 1260 - use lab Cl_2 and plant BiØ	good →	run plant chlorination using plant Cl_2 and BiØ - run lab distillation	good →	BiØ was bad but now good
			bad →	Cl_2 is bad
	bad →	repeat in lab making 1254	good →	BiØ is bad
			bad →	test is unreliable

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