

J. W. Kennedy - Anniston

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LIQUID AROCLOR DEPT. 82608

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Confirming our conversation of 2/20/69, the production of solid Aroclor in the liquid Aroclor system is beginning to cause severe mechanical problems. The liquid system was not designed for production of solid Aroclor and frequent plugging of piping and equipment is occurring. In addition to the work to assist and downtime required to unplug lines, it is expected that a significant amount of true repair costs will be incurred due to damage resulting from unplugging. I roughly estimate that the following unbudgeted cost will result if solids are produced throughout 1969:

Equip. & Class	T.R.	92	93	Capital	Total
32 Chlor. Cooler	--	2,000	--	--	2,000
32 Off-Gas Cond.	1,000	2,500	--	6,000	9,500
22 Coll. Tank	1,000	--	--	15,000	16,000
65 Proc. Piping	6,000	9,000	--	--	15,000
65 HCl Line	3,000	3,000	7,500	--	13,500
64 Valves	2,000	--	--	--	2,000
15 Coll. Tank Demister	--	10,000	--	--	10,000
19 Pumps	1,000	--	--	--	1,000
60 Insulation	1,000	1,000	--	--	2,000
	\$15,000	\$27,500	\$7,500	\$21,000	\$71,000

Maintenance overtime is also expected to take a beating although overtime uses to date are under the control limits.

The above estimates are very rough due to the brief time that we have been producing solids in the liquid system. Thus, I am not confident of any one particular item of cost, but I do believe that we face unbudgeted costs ranging from

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\$50,000 to \$100,000. February costs should be helpful in improving on the estimate for 92 costs, but will not be adequate for extrapolating other cost because the damage now being done may not show up as a failure until later in the year.

Jim Kennedy

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