PROGRESS REPORT
TECHNICAL SERVICES DEPT. – W. G. KRUMMRICH PLANT

JOB NO.	REPORT NO.	DATE
91370:4066	1(Final)	12,11,70

W.G. KRUMMRICH PLANT			GENERAL OFFICE	OTHERS
☒ G.L. Bratsch	☒	☒	☐ M.P. Lux	Anniston
*☒ D.W. Jackson	☒	☒	☒ D. Danna (4)	☒ J.C. Landwehr
☒ D.J. O'Toole	☒	☒	☐ D.B. Hosmer/ F.J. Holzapfel	Nitro
☒ B. W. Corlew	☒	☒	☐ R.E. Howard	☐ W.R. Kellogg
☒ R. McCutchan	☒	☒	☒ J.R.Savage	S. 2nd St.
☒ V. Brawley	☒	☒	☒	☐ P.O. DeGarmo
☒ H. Pfister	☒	☒	☒	☐ T.M. Patrick
☒	☒	☒	☒	☐ J.F. Quinn
☒	☒	☒	☒	☐ R.L. Wiese
☒	☒	☒	☒	☒

* TO RECEIVE DETAIL SECTION (No Details)

TITLE: Fume Removal System

PERSONNEL: W. A. Krull (W. C. Engman)

PROBLEM: Remove Aroclor and HCl fumes from contact with operators.

SUMMARY

A fume removal system including a fan, motor and ductwork was installed in the batch chlorinator area of Dept. 246 on TSD Job 91370:3906. Job 4066 was taken out to expend the system to include the continuous chlorinator area. The system was designed to remove HCl and Aroclor fumes from the sampling point on the #9 chlorinator and two steel sample hoods used by operators to measure specific gravities of crude Aroclors. The extension of the system consisted of polyester duct-work to an existing steel hood, a new steel hood and a new plastic hood. The existing motor and fan was used with no modifications.

The complete system is operating as expected with adequate air flow at all points to remove fumes. The new steel hood makes it possible for the operators to measure gravities without taking crude Aroclor near food preparation facilities in the control room as they did in the past. Estimated and actual costs and timing are as follows:

	Estimated	Actual
Capital Cost	$ 6700, 8000*	$ 7230
Project Premise	8/1/69	7/28/69
Appropriation Request	8/8/69	9/10/69, 1/19/70*
Appropriation Request Approved		2/13/70
Design Package	8/28/69	3/13/70
Installation	No Estimate	5/1/70

DSW 311699

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	Estimated	Actual
TSD Costs	$ 640	$ 1740

Drawing No. TS-D-9851

*Estimate revised due to increased cost of plastic ductwork.

W. A. Krull
Technical Services Dept.

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