A..iston, Alabama

October 25, 1965

STATUS REPORT - THREE QUARTERS
1965 OBJECTIVES - TECHNICAL SERVICES DEPT.

W. B. Papageorge (2)

I. Safe manufacture of quality chemicals at minimum long range cost.

A. Safety

1. Maintain major accident frequency of 0.00

Status: Major accident frequency is 0.00

2. Attain Minor Injury rate of 2.50 or less. (Laboratory & TSD)

Status: Minor Injury Rate - TSD & Lab 2.07

3. Conduct monthly safety meetings (except months of Plant Wide Programs) by TSD members.

Status: On schedule

a) Train all personnel in use of Emerson Resuscitator

Status: Done

b) Train all personnel in use of Scott Air Pak

Status: Remains to be done

4. Engineering to upgrade plant safety

a) Separate City water from cooling water in:

1) Biphenyl - Aroclor

Status: Done - Project 1667

2) Chlorine

Status: In progress - Project 1846 approved 3/26/65
Transmitted 7/23/65. Construction pending.

3) Niran

Status: Completed flowsheets and back-flow equipment studies. No project to date.

b) Complete program to upgrade high temperature systems in Biphenyl and Aroclor.

Status: Decision made to cancel idea since new biphenyl still project will eliminate problem.

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c) Investigate protective devices for liquefied gas storage tanks in plant and take necessary action.

Status: Investigation completed February 1965 and reported to Safety Board. Activity dormant.

5. Write two newspaper articles pertaining to safety.

Status: No action T/D

B. Quality

1. Develop "in-process" charts forall departments.

Status: Charts in all departments except Biphenyl. EDC of 1/66 still good.

2. Develop a way of measuring savings and benefits from quality control program.

Status: Not complete. Judging from conversations with Hehner and Hosmer at St. Louis in June, there is no possibility of feed-back in this area from Sales. A limited measure of benefits could be figured on improving process control within the plant (reduced rework, lab costs, etc.). Study of this angle will be completed by 1/66.

3. Perfect quality audit form and make an audit of Methyl Parathion

Status: No work and probably will not be started in 1965.

4. Simplify scoring and reporting procedures

Status: Simplified quality summary complete. Deviation reports expected by 11/1/65.

5. Make new PNP batch sheets as combined chart-log

Status: 75% Complete - EDC 1/66

6. Establish a complete quality monitoring system in one department - process control charts incorporated into batch data sheets, with adaptive control adjustments if feasible - a procedure for evaluating status of in-process control.

Status: The present phase is 95% complete. Chlorine Department monitoring system expanded in scope by L. C. Fuhrmeister into a complete process control manual. This is typed, ready to print and discuss with Production in second draft form. Final form agreed upon by Production is unpredictable.

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C. Cost Improvement

1. Attain specific cost improvements of at least $475,770 as detailed in the 1965 Cost Improvement Program.

Status: Year T/D scheduled savings $325,890
actual savings 332,850
% Target 102.0

2. Emphasize cost improvements by posting charts for each product showing target and actual performance

Status: Done

D. Process Improvements

1. Maintain technical effort on process improvements of 45%

Status: 57.5%

2. Develop process improvement plans for:

Biphenyl
Aroclor
Chlorine

Status: Biphenyl - issued 8/26/65

Aroclor - rough draft EDC 11/1/65

Chlorine - rough draft issued 3/16/65

II. Employ and train manpower for growth of plant and to effect manufacturing cost improvement

A. Personnel

1. Hire personnel to fill manning chart

Status:

		Interviewed Inexp.	Exp.	Offers	Acc.	Pending	Open
1.	Ch.E.	6	5	8	2	2	3
	Chem.	1	2	2	2	0	0
	E.E.	2	0	2	1	0	0

2. Develop training program to fulfill department needs. Program to include training seminars, educational trips, participation in plant economics course.

Status: Done

3. TSD personnel to develop personal objectives for self-improvement and job objectives. To be reviewed quarterly.

Status: On schedule

DSW 551657

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A. Personnel - continued

4. Establish job specifications for each job

   Status: 75% Complete

5. Revise job description for Chemical Engineer to establish separate description for B - D and Senior level engineers.

   Status: Rough draft completed

B. Function

1. Complete and issue TSD Guidelines

   Status: 4 of 20 Guidelines complete. New binders and dividers on hand

2. Discuss TSD Function with manufacturing groups

   Status: Done

3. Relocate department to improved facilities and/or develop plan to upgrade existing facility.

   Status: a) New building under construction

   b) Research lab rebuilt

4. Develop three ideas to improve effectiveness of TSD.

   Status: Done

   1. Project control charts
   2. Monitor savings Actual vs. Target
   3. Prepare closing reports on TSD jobs to confirm savings and be sure job is done.

L. C. Fuhrmeister

LCF:kd

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