ANNISTON PLANT

TECHNICAL SERVICES DEPARTMENT

1966 OBJECTIVES

A. TSD Long Term Objectives

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

(See also separate Liaison Objectives)

II. Employ and train technical personnel to make manufacturing cost improvements and for plant growth.

III. Preserve and improve physical assets and plan for plant growth.

(See separate Plant Improvement Objectives)

B. 1966 Goals and Actions

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

a. Safety

1. Maintain major accident frequency of 0.0 (All)

2. Attain minor injury rate of 2.0 or less (All)

3. Conduct monthly department safety meetings (TSD Members)

4. Engineer long range safety projects

a) Winterizing of safety showers (J.C.Price 8/1/66)

b) Color coding of utility piping (J.C.Price 5/1/66)

c) Dual relief systems (J.C.Price 7/1/66)

d) Vents on vessels and tanks (H.W.Ellis 4/1/66)

e) Separate city water and cooling water systems in Niran (J.C.Price 10/1/66)

b. Quality

1. Expand quality surveillance program by charting all finished products having 25 lots and 50,000 pounds per year (W.B. Dunlap 3/66)

2. Conduct training course for technical personnel in "Practical Statistics" (W. B. Dunlap 6/66)

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3. Review conformity of all raw materials to established specifications (W.B.Dunlap 6/66)

4. Carry out a statistical study to determine need for improved container weight control (W.B.Dunlap 9/66)

5. Apply statistical operations control to Aroclor Department (W.B.Dunlap 12/66)

c. Cost and Process Improvement

1. Attain specific cost improvements of at least $548,000 as detailed in the 1966 Cost Improvement Program (Department 1/67)

2. Maintain technical effort of 55% on Process Improvements (L.C.Fuhrmeister)

3. Update all Process Improvement Plans 1 year from initial date of issue. (Chemical Engineer)

4. Implement Chlorine Control Program (Faulkner and Production 6/66)

5. Develop program to upgrade electrical facilities and replace knife switches in Chlorine Plant (Veazey - Faulkner 4/66)

6. Develop mercury material balance and a program to reduce mercury losses in Chlorine (J.Taylor 6/66)

7. Complete program to upgrade Aroclor quality and reduce residue (J.Bryant-J.MacPherson 8/66)

8. Evaluate steel bottom cells for Chlorine Plant

   a) Upgrade existing cells

   b) New cell bottoms (J.Taylor - L. Faulkner 8/66)

9. Increase PNP Production to 19.5 M #/yr. (R. Taylor 6/66)

10. Debottleneck Solid Aroclor System to meet design rates (MacPherson 8/66)

11. Increase HCl recovery efficiency to 95% (R. Taylor 9/66)

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d. Liaison and Start-ups

1. Provide liaison and back-up support for 1966 new plant expansions and major projects (W. F. Taffee - L.C. Fuhrmeister)

2. Outline and determine start-up needs for all plant expansions in 1966 (Taffee-Fuhrmeister 3/66)

II. Employ and Train Technical Personnel to make Manufacturing Cost Improvements and for Plant Growth.

a. Personnel

1. Hire personnel to fill manning chart (L.C.Fuhrmeister)

2. Hold bimonthly training sessions (L.C.Fuhrmeister)

3. Continue development of technical personnel through technical seminars and short courses (L.C.Fuhrmeister)

4. Investigate program for continuing education

a) Through Dr. William R. Bennett, Director of Graduate Division University of Alabama

b) Through Associate Industries of Alabama Committee on Educational Activities (L.L. Faulkner 7/66)

5. Develop personal objectives for self improvement, to be reviewed quarterly (L.C. Fuhrmeister - Engineer)

b. Function

1. Develop 6 new TSD Guidelines (L. C. Fuhrmeister 12/66)

2. Update all plant maps and maintain current (J. C. Price 7/66)

3. Revise department filing system and discard obsolete material (L.C. Fuhrmeister - Engineers 12/66)

4. Update Drawing File System - investigate micro film system (G.C. Goodwin 10/66)

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5.	Set up technical library	(L.C. Fuhrmeister - O. E. Dolin 9/66)
6.	Survey plant power system, issue single line drawings of plant system and individual departments	(J. A. Veazey 12/66)
7.	Set up Physical Constants Data Books for all primary products, to include data on raw materials and intermediates	(Engineers 10/66)
8.	Move to new facilities with minimal interruption	(L. C. Fuhrmeister)
9.	Set up separate service budget for Process Research	(L.C.Fuhrmeister 5/66)

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