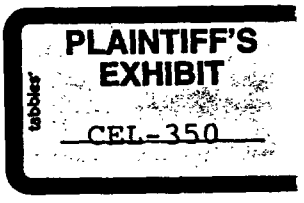
GEN 55 (REV.6/74)

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(Name and Location)	DATE
Mr. P. E. Hime	June 19, 1979
FROM (Name and Location)	REFERENCE NO.
C. W. Harrison	CWH-18-79



Attached is mid-year review of Technical Department Objectives.

C. W. Harrison/DLP

C. W. Harrison

Attachment
cc: D. G. Pausky
W. H. Meyer
J. T. McMahon

1979 MID-YEAR
REVIEW OF TECHNICAL
DEPARTMENT OBJECTIVES

I. 1. Variable costs continue to be better than plan with most unit efficiencies at or above plan. Major problem area still remaining is propylene efficiency in OXO. Current trials of CH_4 injection into recycle loop look promising.

2. Significant efficiency improvement projects continue to be worked on in the polyol area and MS with crude feed trials completed and results looking favorable.

3. A very significant quality breakthrough has been made in Formcel(R) colors. The addition of citric acid to paraform feed has cured the problem as well as greatly improved fouling in paraform evaporators. DAA misibility problem is getting a lot of effort in the Laboratory and we should have some answers next quarter.

II. 1. Long range energy program development continues at a good rate. Complete strategy to get the plant to minimum boiler firing constraints should be complete in July and entire strategy presented to the Chemical Company staff.

2. Steam pricing problems have been resolved and the "power pricing" system will be used beginning in 1980. Current reporting system is being changed to check the system in parallel for the last six months of 1979.

III. 1. MO project has moved to RFA preparation stage. One process engineer has moved with the project and two others are working at the plant in getting the offsite projects defined and engineered.

2. The Fox 3 system has been delivered to Bishop and will be operational sometime in July. Steam control system is also nearing completion. A control project group for MO has been established and is working with CCCTC people to get a good level on control requirements for the MO project. New business system delivery for Bishop has been delayed until 1980 but considerable effort has been expended by the systems group in getting the system defined and approved.

IV. 1. BOD Unit final design completed and RFA submitted, work continues in the Laboratory on process optimization and further development work. All facets look very promising at the current time.

2. The Industrial Hygiene program continues to develop and some of the rough edges are beginning to get rounded off in the interface area with other groups. Plant medical program interface is taking a lot of time and effort for the next two quarters.

V. 1. Most stewardship moves for 1979 have taken place. Department continues to have good moral and no turnover of technical personnel due to resignitations. Recruitment of chemists and engineers went extremely well this year and the department is in good shape for future development needs.

2. Training of Saudi and Mexican engineers has progressed well with no major problems and EEOC and AAP goals are being met.

VI. 1. Plant productivity goals have not yet been clearly defined. The Department goals of improving time and effort spent in the cost reduction area are being met. A definition has been worked out with Operations on support responsibilities and Operations agreed to take the first shot at efficiency problems by using the loss analysis programs.

2. Energy conservation projects on the demineralizer program have moved ahead rapidly, and several unplanned projects have been implemented (burning T-210 Residue and one Tower purification plus others) so that net fuel gas variance for the year should be positive and the forecasted $460M unfavorable variance should be wiped out. The next phase process requirements are scheduled with high priority for completion in the third quarter.