



Interoffice Communication

To R. D. Gamblin - Houston
From J. A. DeBernardi
Date January 11, 1982
Subject VCM Plant Objectives - 1982

Attached you will find the subject objectives per your request of November 16, 1981.

A handwritten signature in cursive script, appearing to read "J. A. DeBernardi".

J. A. DeBernardi

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Attachment

PART A QUANTITATIVE GOALS

	Results 1981	Objective 1982	1st Quarter Results
<u>SAFETY & HEALTH</u>			
1. Have no lost-time injuries in 1982.	0	0	
2. Limit medical cases to three in 1982 assuming one plant turnaround during the year.	5	3	
3. Limit total injuries during the plant turnaround period to five assuming one plant turnaround in 1982. During normal operation limit total injuries to 8.			
<u>Normal Operations:</u> Permanent	8	7	
Temp./Casual	1	1	
Turnaround: Permanent	1	1	
Temp./Casual	6	4	
	<u>16</u>	<u>13</u>	
4. Correct deficiencies noted in plant hygiene audit conducted in Dec., 1981.	-	June, 1982	
5. Complete hazardous bleeder valve identification and blinding/plugging program.	-	May, 1982	
6. Provide training and instructor certification in CPR/First Aid for one laboratory analyst.	-	December, 1982	
<u>ENERGY</u>			
1. Operate at an energy usage rate during 1982 based on 580MM lbs. of VCM production and one plant turnaround not to exceed 4,162 BTU/lb. of VCM production.	4965 BTU/lb. of VCM production (3.09% reduction from 1972 base).	4,162 BTU/lb. of VCM production (18.5% reduction from 1972 base).	
<u>Basis:</u> Energy consumption based on the adjusted CMA calculation basis.			

PART A QUANTITATIVE GOALSENERGY (CONTINUED)

2. Implement a steam trap inspection and maintenance program.
3. Develop and implement an energy conservation design check list for process designs.

4. Develop two economically attractive projects to reduce energy consumption for the 1983 Capital Budget.

5. Define energy savings projects with potential energy savings totaling 200MMM BTU/yr. Definition to include preliminary process design and cost estimate, and economic calculation.

PRODUCTION AND COSTS

1. Produce 580MM lbs. of VCM as budgeted provide there are no external restrictions related to this rate (market conditions, raw material supply, natural gas supply, etc.)

2. Meet budgeted variable cost efficiency. (Price variances are excluded).

3. Meet budgeted maintenance costs (one turnaround in 1982)

4. Complete the 1982 plant turnaround on schedule and within budget.

5. Execute a 5-year contract for sale of plant heavy-ends by-product to PPG.

6. Develop one economically attractive cost savings project to be included in 1983 Capital Budget.

Results
1981

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One in 1982 Capital Budget.

704MMM BTU/yr. define.

465.6MM lbs. VCM

EDC (\$549.9M)
 VCM (\$350.9M)
 Incin(\$554.7M)
 (\$1,455.5M)

T/A time-21 days
 T/A cost-\$1.19MM

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One project in 1982 Capital Budget.

Objective
1982

June, 1982

August, 1982

August, 1982

December, 1982

580MM/lbs. of VCM

As budgeted

As budgeted

T/A time- 20 days
 T/A cost-\$1.09MM

March, 1982

August, 1982

Results

PART A QUANTITATIVE GOALSPRODUCTION & COSTS (CONTINUED)

	Results 1981	Objective 1982	Results
7. Reduce 0739 warehouse account value by 10.3% of the end 1981 value excluding additions necessary for oxy revamp spare parts.	-	10.3% reduction	
8. Reduce 0744 account value by 8.6% of the projected ending 1982 value given in Oct., 1981 subject letter assuming the oxy revamp project will be on line in second quarter 1983.	-	8.6% reduction	
9. Produce muriatic acid to satisfy Reagent Chemicals demand for 27% material.	-	2.5MM lbs., 27% muriatic acid(dry basis)	

PERSONNEL

1. Maintain a non-union field and office workforce at the VCM Plant.	Non-represented status maintained.	Maintain non-union workforce.	
2. Maintain a minority hiring rate that assures minority representation in the field workforce that is equal to or greater than availability statistics (1982 available statistics. %)	22.8% minority representation.		
3. Maintain a female hiring rate of 25% into field workforce.	No permanent females hired.	Female hiring rate of 25%.	
4. Recruit two Process Engineers into the plant organization in 1982.	Five Process Engineers recruited.	Recruit two Process Engineers.	
5. Recruit one Mechanical Engineer into the plant organization in 1982.	-	Recruit one Mechanical Engineer.	
6. Recruit one Safety Engineer into the plant organization in 1982.	-	Recruit one Safety Eng.	
7. Provide supervisory training in non-union status maintenance to one supervisor.	One supervisor to training course	One supervisor to training course.	

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PART A QUANTITATIVE GOALS

	Results 1981	Objective 1982	Results
<u>ENVIRONMENTAL CONTROL</u>			
1. Operate the plant's secondary system within effluent concentration parameters (excluding system by-passes caused by heavy rains.)	Five violation notices filed. pH - 5 TSS - 0 COD - 0 BOD ₅ - 0	No non-compliance reports.	
2. Correct deficiencies noted in plant environmental audit conducted in December, 1981.	-	May, 1982	
3. Correct EPA noted variances in plant NPDES effluent testing procedures.	-	September, 1982	
4. Develop a slide/tape training presentation for plant employees related to plant environmental permits, procedures, etc.	-	November, 1982	
5. Operate plant EPA-VCM emission control equipment with compliance factors as follows:			
a) Incineration System	99.82%	99.85%	
Oxy Vent	99.26%	99.50%	
Shiploading Carbon Beds	100%	100%	
Steam Stripper System	99.95%	100%	
Vent Blower System	100%	100%	
b) No plant shutdowns are caused by incinerator system failures.	No plant shutdowns	No plant shutdowns	

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PART B STRETCH GOALS

	Results 1981	Objective 1982	Results
<u>SAFETY & HEALTH</u>			
1. Limit total injuries in 1982 assuming one plant turnaround to eleven.	16 total injuries.	11 total injuries.	
2. Prepare a slide/tape safety orientation program specifically for contract personnel training.	-	Oct., 1982	
<u>ENERGY</u>			
1. Define energy savings projects with potential energy savings totaling 400MMM BTU/yr. Definition to include preliminary process design and cost estimate, and economic calculation.	704MMM BTU/yr. defined.	Dec., 1982	
<u>PRODUCTION & COSTS</u>			
1. Reduce 0744 account value by 20% of the projected ending 1982 value given in Oct., 1981 subject letter, assuming the oxy re-vamp project will be on-line in second quarter 1983.	-	20% reduction	

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PART C NON - QUANTITATIVE GOALS

Results

1. Complete the microfilming and storage of plant records related to OSHA, Federal and State environmental data.
2. Finalize the reporting policy for Superfund reporting in regard to routine/non-routine occurrences and NESHAP incidents, with input from Houston Legal and Environmental Departments.
3. Complete the scope definition and gain approval for funding for the coking/decoking research project at Purdue University.
4. Complete the required definition work by the plant and/or R&D related to the furnace transfer line exchanger project.
5. Work with DuPont personnel on possible synergisms between the VCM Plant and DuPont operations (i.e. boiling liquid reactor, light-ends usage, etc.)
6. Provide required plant personnel to work on the modernization project, project team.

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