



ESCAMBIA PLANT
INTEROFFICE MEMORANDUM

To: R. E. Jones

Date: 11 November 1976

From: E. A. Primeau

Copies:

Re: PVC Expansion Report
VFCE 363 Status Report
October, 1976

A. R. Adams
J. T. Barr
T. L. Carey
M. B. Cobb/B. M. Benigno
R. Fleming
L. S. Forester
W. T. Johnson/D. J. Deville
A. H. Kaplan
A. K. McMillan
D. W. Pierce/J. P. Connors
W. R. Schofield
D. B. Sparrow

COST SUMMARY

Total Authorized Funds	\$11,222,000
Current Forecast	<u>11,216,916</u>
Variance	\$ 5,084
Current Forecast	\$11,216,916
Previous Report Forecast	<u>11,212,373</u>
Change Since Last Report	\$ 4,543

COMPLETION DATES

Per Original CE Date	31 December 1976
Current Estimate Date	15 January 1977
Prior Month Report Date	15 January 1977

Engineering and construction work continued on the project. Through 30 October 1976, a total of \$8,517,583 has been spent or committed to the project as follows:

AP00041972

R. E. Jones
PVC Expansion Report
11 November 1976
Page Two

<u>ITEM</u>	<u>EXPENDITURES</u>	<u>COMMITMENTS</u>
Equipment	\$ 3,865,839	\$ 357,771
Piping	727,632	58,709
Foundations (materials)	59,559	-
Electricals	596,151	4,675
Field Construction	46,444	5,540
APCI Engineering	465,599	-
Outside Engineering	383,012	-
Outside Drafting	413,132	-
Labor	<u>1,528,069</u>	<u>566</u>
Subtotal	\$ 8,085,437	\$ 427,261
Total Spent or Committed		8,512,583
Estimated Escalation		4,885
Outside Engineering and Drafting (Est. October)		<u>25,000</u>
Total Estimated Commitments		\$ 8,542,583
Total Project Authorization		\$11,222,000
Uncommitted (Estimated)		\$ 2,679,417

Based on the current cost forecasts and the latest critical path review, the PVC expansion project should be completed and ready for startup early in January, 1977, and should be completed at budgeted costs.

PROJECT WORK

A. Purchase Orders

Purchase orders totaling \$174,533 were issued during the month of October. Major expenditures were in the areas of welding supplies, miscellaneous piping materials, valves for the chemical cleaning unit, electric materials, insulation and supplies required for the instrument installations.

B. Civil Construction

1. Work continued on the installation of the dryer and dryer building structural steel. Cyclones are being installed and foundations are being prepared for the centrifuges and dry resin screens.
2. The dryer control building pad was poured and work was initiated on the erection of the building.

AP00041973

3. Pump foundations were poured in the chemical cleaning area.
4. Two DMF storage tanks were relocated to their project location.

C. Equipment and Piping

1. Work continued on the installation of the recovery system equipment and piping. All of the condensers were installed as well as the low temperature chiller for the vent system.
2. All major piping work is in progress with one pipe crew working on top of the reactor, a second crew around the bottom of the reactors and the third crew working on utility and recovery piping.
3. Several problems were experienced with the resin transfer system from the hold bins to the overtrack silos which are being corrected. Even with the problems, we were able to transfer resin to six of the eight overtrack silos for storage.
4. Engineering continued work on the drawing for the piping revisions in the existing polymerization building. The drawings are currently being reviewed and prepared for issue.

D. Instrumentation

All of the pneumatic tubing from the rack junction boxes to the central control panel have been installed and the instrument fitters are currently extending the leads to the field instruments and field panels. Most of the control valves have now been installed and are ready for instrument leads.

Computer program development work is as follows:

1. The CRT programs have been revised by Taylor and now appears to be functioning properly.
2. Considerable time was spent during the month revising the log programs. These modifications are presently being checked.

R. E. Jones
PVC Expansion Report
11 November 1976
Page Four

3. Programmers at Taylor are actively working to resolve problems experienced in the scanivalve programs, pulse counter and control block configurator programs. We are pushing to get these problems resolved so that the required systems tests can be carried out without interference from program development.

E. Chemical Cleaning

The shutdown required to upgrade the chemical cleaning unit has been scheduled to start 8 November 1976. The work will require that the unit be down until early January 1977.



E. A. Primeau

EAP:ms
Attachments

AP00041975