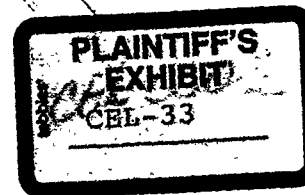


CELANESE CHEMICAL COMPANY
Chemcel Plant
Bishop, Texas



Mr. S. W. Fretwell

From: E. J. Heinz

EJH 11-73

June 26, 1973

Celcon Project Report
- June -

Status of Celcon projects in the Special Problems Laboratory

<u>Project</u>	<u>Objective</u>	<u>Status and Projection</u>
Nitrogen in V-1011 terpolymer (1)	Determine the nitrogen content of V-1011 ter- polymer used for blow molding application.	Purification of benzene to an acceptable purity level (99.99%) for use in the Ticona TEA G.C. method is in pro- gress.

General Analytical (0.6) - Gary, Jackson

Plant GC methods were checked and it was found Celcon Method GC-2 is the most reliable for determining the methanol content of T-240 OH. A report will be issued.

The vent off V-1144 (T-249 OH receiver) was analyzed to determine the necessity of scrubbing the vent to meet the TAQB air emission requirements (CEG 23-73).

The cyanoguanidine content (0.125 wt. %) of Lot 301098 was determined by Kjeldahl nitrogen to check for proper blending (CEG 24-73).

Two samples of Mobay MDI which were in transit for approximately two weeks were analyzed for dimer content (0.64, 0.55 wt. %).

Air Emission - Asbestos air samples taken during the Celanex 3310 run on June 18, 19, 20, 21, 1973 have been sent to Summit for fiber count.

When results are obtained a report will be issued.

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A formaldehyde survey is planned for buildings 510 and 533.

A method has been obtained for measuring MDI vapors in air. Plans are to check out the method and make measurements on the next GC-25 run.

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