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INTERNAL CORRESPONDENCE

PLANT MGRS. 11 15

CHEMICALS AND PLASTICS

P. O. BOX 471, TEXAS CITY, TEXAS 77590

TO (NAME) Mr. K. E. Ross
COMPANY Mr. R. Q. Payne
LOCATION Mr. F. C. Phinney
Mr. H. P. Brady
Mr. R. A. Herrington
Mr. J. A. Gordy
Mr. W. P. Reeves
Mr. J. T. Tamos
Mr. R. T. Kendrick
Mr. W. P. Reeves
Mr. D. E. Deese
Mr. R. M. Arnold

DATE November 6, 1974

SUBJECT VCM Exposure - Solvent
Vinyl Resins Unit

cc: Mr. R. W. Sesler, 515
Mr. D. L. Engle, 515
Mr. J. A. Fredericksen, 515
Mr. J. P. Alexander, 515
Mr. J. B. Leverton, 515
Mr. R. N. Wheeler, 514
Mr. R. J. Hanna, 511
Dr. T. T. Szabo, NYO
Mr. F. R. Fryer, 515
Mr. D. R. Reem, 515
Mr. C. W. McKibben, 515
Mr. J. L. Carvajal, 514
Mr. C. E. Fry, 514

The addressees of this letter met on October 31 for a status report on VCM exposure reduction projects in the Texas City solvent vinyl resins unit as listed below.

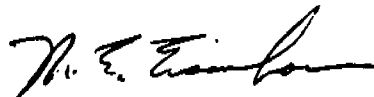
1. Autoclave Agitator Mechanical Seals - Five sets of seals are due in mid-December. First set to be installed and operating by January 31, 1975. Responsibility - Brady, Payne, Phinney
2. Autoclave Dynatrols - Target date for total installation is end of 1974. Responsibility - Brady, Phinney, McKibben
3. Autoclave Sample Laboratory - Brick work to isolate laboratory from control room targeted for completion November 15. Exhaust hood due in December 11. Responsibility - Payne, Ross
4. Bldg. 117 Control Room Pressurization - No apparent progress. W. P. Reeves will look into.

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5. Vinyl Chloride in Stripped Varnish - Data to date indicates that liquid to vapor (L/V) ratio and feed rate are important factors in residual VCM in stripped varnish. No. 4 stripping still that consistently runs at lower feed rates has extremely low (< 15 PPM) VCM in varnish. Tests are continuing to define operating condition in Nos. 1, 2 and 3 stripping stills that will provide the same performance. Responsibility - Herrington, Arnold.

The Century portable analyzer will be made available to the solvent unit starting November 4 to zero in on the source of leaks that are causing the 3-5 PPM background in the area. Responsibility - Ross, Herrington, Dees .

The range of the area VFA monitor will be reduced from 0-100 PPM to 0-25 PPM so that the low reading will be amplified. Also more monitoring in the resin precipitation, drying, clarification area will be undertaken to obtain a better understanding of the VCM concentrations in these areas. A 10-15 PPM test gas for the analyzer will be obtained. Responsibility - Brady.



M. E. Eisenhower

MEE/ebm

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