



ESSO CHEMICAL CANADA

Plastics Technology Centre P.O. Box 69 Sarnia, Ontario Canada N7T 7H8 Tel: (519) 339-2781

PLASTICS TECHNOLOGY
B. L. LOCKHART

82PL8 C1769

October 5, 1982

VCM Safety Association

Mr. Douglas H. Frey
B. F. Goodrich Chemicals
P.O. Box 400
Pedriectown, New Jersey 08067

Dear Doug:

Here, as promised, are copies of my indices and one line comments on topics discussed in the 1980 and 1981 meetings. The names and affiliations have been removed.

I hope that these will be of use to you in preparing a case aimed at increasing commitment to the Association by higher management. The 1982 minutes are being prepared. I can send you a similar index in one month or so, if you wish.

It was a pleasure working under your chairmanship.

Very truly yours,



J. R. Wallace

JRW:aw
attach.

OCC 5212

VINYL CHLORIDE SAFETY ASSOCIATION MEETING

OCTOBER 23 - 24, 1980

INDEX AND COMMENTS

General

1. VCM Monitoring System Evaluation
 - Description of system and results. Comparison of area and personnel results
2. VCM Emission Controls and Redundancy
 - Very interesting description of safety precautions. Applicable to closed reactor operation
3. VCM Emission Reduction by Absorption in EDC
 - Does not seem to meet our requirements
4. Respiratory Protection
 - Useful description of proper respirator procedures
5. Preparation for Vessel Entry
 - Check list descriptions and interesting poll of industry practice
6. Regulatory Update Including Solid Waste Disposal
 - Mainly applicable to U.S.
7. European Regulatory Update Discussion
8. High Pressure Cleaning System
 - Vital new information about hand lance safety
9. Vent Relief Systems, Survey & Design
 - Industry survey showing wide discrepancies in current safety valve and short stop practices
10. VCM Monitoring System Improvements for Safety
 - Some data on area and boundary VCM levels

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11. Risk Analysis for PVC Polymerization
 - Computerized risk analysis with a small team
12. VCM Safety Audit
 - Large team approach to VCM emissions,
13. Failure of Excess Flow Valve on Tank Car
 - Hazards of quick connect hoses
14. Electrical Accident
 - Serious incident with Allis Chalmers substation contact breaker
15. Power Loss and VCM Release
 - Two simultaneous maintenance situations lead to 20 ton VCM release
16. VCM Charge Pump Fracture
 - Thermal expansion in a cast iron pump
17. Vapour Cloud Explosion
 - Reactor dumping error caused large vapor cloud ignition and explosion
18. Bottom Valve Failure and Fire
 - Dump valve failure caused small fire and explosion.
19. Pedestal Gasket Failure
 - Concern about permanently installed gaskets.
20. Lost Time Accident VCM Car
 - Problem with magnetically coupled level gauge
21. Nitrogen Fatality
 - No actual tank entry.
22. VCM and Safety
 - Luncheon talk - some "accident statistics"