

minutes



TECHNICAL COMMITTEE MEETING

Vista Airport Hotel
1170 Spring Street
Elizabeth, New Jersey

Wednesday
January 20, 1993
9:00 a.m.

Attendees:

Larry Brecker, Witco
Bob Burnett, Vinyl Institute
Dick Burns, Union Carbide
Lee Fishbein, Borden Chemicals and Plastics
Ron Gilbert, Westlake Polymers
Don Goodman, OxyChem
Roy Gottesman, CMR
Bud Hall, Vista Chemical
Richard Magee, NJIT
Lou Maresca, BFGoodrich
Ron McCreedy, Dow USA
Alan Olson, BFGoodrich
Al Reventas, Shintech

The meeting was opened at 9:00 a.m. by chairman Ron McCreedy and followed by a round of self-introductions. The budget report was not presented due to delays in receiving latest information from SPI in Washington. This will be included in the next meeting report.

The minutes of the September 17, 1992 meeting were approved as submitted. Motion to approve was made by Don Goodman and seconded by Bud Hall. Chairman McCreedy noted the meeting objectives and also commented that a great deal of material had been sent out prior to the meeting in terms of reports for the record and also additional copies of supporting material were available at the meeting. Participants were asked to the extent possible not to repeat material already submitted and these reports will not be attached to the minutes, but is available upon request for those who have not already received this material.

PROJECT REVIEWS

Dick Magee reviewed in some detail the Swedish and Norwegian projects which are proceeding slowly as documented in previously submitted reports. The reactor seems to be checking out o.k., although some data is suspect. He does not recommend further

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funding and noted the next project update will take place in Brussels on April 29th. (See assignment no. 1).

The HCl recovery program was covered by Ron McCreedy and Alan Olson, which does not seem to be feasible economically as a direct process. However, incremental costs, when further defined, may give a different view. (See assignment no. 2). It was suggested that the Executive Director contact a former Hoechst employee, Johannes Brandrup concerning a German salt recovery project which apparently has had some success.

The possible use of advanced membrane technology for HCl recovery was discussed. Alan Olson agreed to follow up on this general project. (See assignment nos. 3 and 4).

FIRE SCIENCES

Bud Hall talked about corrosion testing and current SPI/ASTM activity. This is tending toward more fire hazard and risk assessment work. A proposal was attached for consideration from Battelle. Olson and Hall will discuss possible alternatives with Fred Clarke and perhaps others. (See assignment no. 5). The budget implications of this should be carefully considered.

Bud Hall then talked about toxicity status regarding the "U-Pitt" test. He also gave an update on regulatory activities. The HCl decay report will be published as a VI technical paper. As soon as we have a final draft, we will assess the most economical means to produce and distribute this in a quality fashion. Alan Olson and Roy Gottesman will follow-up.

MEDICAL/HEALTH EFFECTS

The compendium is reaching the final stage and should be completed in about 90 days. (See assignment no. 6). As with the HCl decay report, this will be published by the VI and the publication costs will be obtained when we have a final draft. (See assignment no. 7).

UNIT RISK FACTORS

This was discussed by Ron McCreedy. (See assignment no. 8). We have agreed to consider funding phase two of this program at a probable \$20,000 cost to the VI, which would be expended in the third quarter of 1993. (See assignment no. 9).

REPORT ON APC PROGRAMS

Roy Gottesman brought the group up-to-date on recent activities of the Product Benefits Committee and also gave a status on the Chem Systems lifecycle analysis, which is underway. He also commented on various energy recovery programs which are being studied in the

product stewardship area of APC. It was noted that Dick Magee is consulting with the group and further details were provided by Don Goodman. A so-called "white paper" should be available by the fourth quarter of 1993.

FEEDSTOCK

Tertiary recycling was then discussed, i.e., pyrolysis. APC has contracted with CONRAD in Centralia, Washington to do a test burn. Other work is being performed at Great Lakes Research in Tennessee, i.e., a coker study.

VIGOR UPDATE

The Executive Director provided the group an updated status on the various recycling infrastructure programs in various states of development around the country. Clearvue and Waste Alternatives are in operation and Envirothene in California will receive its VinylCycle 12 unit in the middle of February. The program at Eaglebrook, (supported by OxyChem) is performing well. It was noted that positive reports have been received concerning froth flotation technology developed by RPI in Park City, Utah. The first unit has been installed at Hoechst Celanese in Spartanburg, South Carolina and is achieving zero ppm performance.

Over lunch, Bob Burnett described the current activities with respect to the IJC and Greenpeace. A detailed refutation to the Greenpeace document - "PVC - Toxic Waste in Disguise" is being developed for dissemination.

SOLVENT CEMENT ISSUE - CALIFORNIA

The SCAQMD status was reviewed with slides by Don Goodman. The latest status is that the task group will recommend to the government agency revised standards that the industry should be able to meet at least until 1998.

CALIFORNIA EIR

Roy Gottesman then filled in the group on California EIR which looks very promising and might be fully resolved by mid-year (1993).

INDOOR AIR QUALITY

Indoor air quality was then discussed by Lee Fishbein. He referred the group to appendix one on the technical paper by the Vinyl Institute. It was decided to defer an update on that paper. There is some backing for ASTM 9184 to detect possible problems in a sick building syndrome. (See assignment no. 10).

The group then considered the budget development for 1993-1994. It

was requested that proposals be submitted to the chairman by February 15th. A format for doing this will be developed by Roy Gottesman. (See assignment no. 11).

OTHER ITEMS

Two requests from the Electrical Materials Council were discussed and it was agreed that Bud Hall would write-up a one-page summary providing information on the requested items. (See assignment no. 12).

On another subject, it was requested that Peter de la Cruz of Keller and Heckman provide an updated status on VCM labeling. (See assignment no. 14) Also, the Health, Safety and Environment Committee will be asked to review this. (See assignment no. 13).

It was further noted that the EPA conference on heavy metal stabilizers was held in Providence, Rhode Island in December. A representative of Witco, Dr. Bernard Bluestein, attended and reported on behalf of the Vinyl Institute. He felt there was a negative climate in this seminar with the EPA and many participants geared against industry. Witco agreed to write to the EPA protesting a ban PVC statement that was mentioned at that meeting. (See assignment nos. 15 and 16).

Finally, Alan Olson recommended that the VI get closer to organizations like the Association of Independent Architects (AIA). (See assignment no. 17). Also a seminar program should be developed for vinyl fabricators and some attention will be given to this. (See assignment no. 18).

An action register of all assignments, referenced in these minutes, is attached.

There being no further business, the meeting was adjourned at 3:30 p.m. with a decision to meet again on Tuesday, March 23rd again at the Vista Hotel at Newark Airport. The meeting time will be 8:30 a.m. to 3:30 p.m.

Respectfully submitted,



Robert H. Burnett
Executive Director

TECHNICAL COMMITTEE ASSIGNMENTS FROM JANUARY 20, 1993 MEETING

1. Dick Magee Continue to participate and monitor progress of ECVI Dioxin Task Force on Norwegian and University of Umea studies.
2. Roy Gottesman and Develop and RFP for "Incremental Costs for Scrubbing HCl in Incineration Processes that are ascribable to the presence of PVC in MSW.
Dick Magee
3. Alan Olson Contact companies to get a better definition of the applicability of advanced membrane technology for the recovery of HCl from incineration processes.
4. Dick Magee Check with Professor Sirkar at NJIT on potential applicability of advanced membrane technology for recovery of HCl from incineration processes.
5. Alan Olson and Contact Fred Clarke regarding the development of a "Corrosion Hazard Assessment" and whether currently available test data on corrosion is suitable or if new data developed as per the Battelle proposal would be needed.
Bud Hall
6. Lou Maresca Expedite the completion of the Fire Toxicity Compendium with Bob Hinderer aimed at a final version in 90 days so that publication costs can be developed.
7. Bob Burnett Make arrangements for self-publication of the Fire Toxicity Compendium.
8. Ron McCreedy Arrange to have Dick Rietz send the draft "Unit Risk Factors" document to Bob Hinderer at BFGoodrich, Jim Knaack at OxyChem and Dave Penney at Vista for their review and comments.
9. Ron McCreedy Get a proposal for Phase II Unit Risk Factor study involving liver tissues testing so that potential Vinyl Institute financial commitment can be considered.
10. Lee Fishbein Continue to monitor "Indoor Air Quality" issue and report to Technical Committee on new developments.
11. Roy Gottesman and Provide Technical Committee members with a

10. Lee Fishbein Continue to monitor "Indoor Air Quality" issue and report to Technical Committee on new developments.
11. Roy Gottesman and Provide Technical Committee members with a
 Bob Burnett Technical Project Request Form to be used in
 proposing projects for inclusion in the Technical
 Committee's FY '93-'94 budget.
12. Bud Hall Write up a one-page summary on the current indus-
 try status on non-toxic stabilizers and processes
 for treating wire and cable "fluff" for the
 Electrical Materials Council.
13. Group Provide Lou Maresca with information on analysis
 of RVCM in PVC and correlation with VCM found in
 air at fabricating plants using such PVC (in
 order to determine the scientific basis for
 marking PVC bags with a "cancer warning" label).
14. Bob Burnett Contact Keller and Heckman to determine if they
 have data in their files on correlation of RVCM
 and VCM in fabricating plants.
15. Larry Brecker See that a letter is sent to EPA objecting to the
 (Bernie Bluestein) inclusion of a recommendation to "ban PVC" in the
 conclusions of the conference in Providence,
 Rhode Island on Heavy Metal as the conferees had
 rejected this recommendation.
16. Lou Maresca Have Mike Marshall also send a letter to EPA
 objecting to the PVC "ban" recommendation in the
 Providence conference conclusions.
17. Alan Olson Contact Franklin Associates regarding their
 developing fact sheets in vinyl products for
 inclusion in the AIA Resource Guide.
18. Roy Gottesman Submit a project proposal form on a "Fabricator's
 Seminar", so it can be considered in the Techni-
 cal Committee's FY 1993-1994 budget.