

VI TECHNICAL COMMITTEE

The Hilton Hotel (formerly Vista)
1170 Spring Street
Elizabeth, New Jersey
(908) 351-3900

Thursday
September 23, 1993
8:00 am - 3:00 pm

- | | | | |
|---------|-------|---|--|
| 8:00 a | I. | CALL TO ORDER AND INTRODUCTIONS | |
| 8:10 a | II. | APPROVAL OF MINUTES OF MAY 26, 1993 MEETING | |
| 8:15 a | III. | MEETING OBJECTIVES, APPROVAL AND/OR AMENDMENTS TO AGENDA | R. McCreedy |
| 8:20 a | IV. | FINANCIAL REPORT | R. Burnett |
| 8:30 a | V. | PROGRAM UPDATE - INCINERATION
A. MSW & Hospital Incinerator Economics | R. Magee |
| 8:50 a | VI. | PROGRAM UPDATE - FIRE SCIENCES
A. UL Corrosion Hazard Assessment
B. Code Monitoring | H. Hall
H. Hall |
| 9:30 a | VII. | PROGRAM UPDATE - MEDICAL & HEALTH
A. VCM Unit Risk Factor
B. Indoor Air Quality | R. McCreedy
L. Fishbein |
| 10:00 a | | B R E A K | |
| 10:15 a | VIII. | PROGRAM UPDATE - LIAISON EFFORTS
A. APC Advanced Recovery Technology
(R. Burnett, R. Magee, D. Goodman) | R. Burnett (et al) |
| 11:00 a | IX. | PROGRAM UPDATE - AD HOC TASK GROUP
A. Drinking Water Quality
B. Dioxin Factories Report | R. McCreedy,
D. Goodman
R. McCreedy,
R. Burnett |

R&S 144245

Antitrust Reminder

Group activities of competitors are inherently suspect under the antitrust laws. Many agreements among competitors, however, are both legal and beneficial to the industry. The best vehicle for enjoying the benefits of permitted agreements among competitors while avoiding the pitfalls of illegal agreements is by belonging to a trade association like SPI which takes its obligations in this regard very seriously.

All SPI staff members are well versed in antitrust matters and the association relies heavily on their judgment to see that topics which may give an appearance of an agreement that would violate the antitrust laws are not discussed at SPI meetings. The fact that an SPI staff member is present at a meeting, however, should not invite probing to determine how far a discussion can proceed before it becomes apparent that it is improper and is cut off. It is the responsibility of each member in the first instance to avoid raising improper subjects for discussion. This reminder has been prepared to assure that participants in SPI meetings are aware of this obligation.

The Dos and Don'ts presented below highlight only the most basic antitrust principles. Each participant in an SPI meeting should be thoroughly familiar with the SPI Bulletin, "The Antitrust Laws and You—A Guide and Introduction to an Understanding of the Federal Antitrust Laws," and should consult counsel in all cases involving specific situations, interpretations, or advice.

DON'T

1. Do not, in fact or appearance, discuss or exchange information regarding:
 - (a) Individual company prices, price changes, price differentials, mark-ups, discounts, allowances, credit terms, etc., or data that bear on price, e.g., costs, production, capacity, inventories, sales, etc.
 - (b) Industry pricing policies, price levels, price changes, differentials, etc.
 - (c) Changes in industry production, capacity or inventories.
 - (d) Bids on contracts for particular products; procedures for responding to bid invitations.
 - (e) Plans of individual companies concerning the design, production, distribution or marketing of particular products, including proposed territories or customers.
 - (f) Matters relating to actual or potential individual suppliers that might have the effect of excluding them from any market or of influencing the business conduct of firms toward such suppliers or customers.
2. Do not discuss or exchange information regarding the above matters during social gatherings incidental to SPI-sponsored meetings, even in jest.
3. Do not meet without SPI staff or counsel present.

DO

1. Adhere to prepared agendas for all SPI meetings and object any time meeting minutes do not accurately reflect the matters which transpired.
2. Understand the purposes and authority of each SPI group in which you participate.
3. Consult with the SPI General Counsel and your company counsel on all antitrust questions relating to SPI meetings.
4. Protest against any discussions or meeting activities which appear to violate the antitrust laws; disassociate yourself from any such discussions or activities and leave any meeting in which they continue.

Noon		L U N C H	
1:00 p	X.	OLD BUSINESS / CARRYOVER ITEMS A. Action Register from May 26, 1993 B. Review Updated Committee Mission Statement	R. McCreedy R. McCreedy
1:30 p	XI.	NEW BUSINESS <i>(A) JHID (EPIC PROPOSAL)</i>	
2:15 a		B R E A K	
2:30 p	XII.	REVIEW ACTION REGISTER/ASSIGNMENTS	R. McCreedy, R. Burnett
2:45 p	XIII.	NEXT MEETING DATE/LOCATION	
3:00 P	XIV.	ADJOURNMENT	

VI - TECHNICAL COMMITTEE PROJECT REPORT

DATE OF MEETING: September 23, 1993

PROJECT TITLE: Swedish/Norwegian PVC Incineration Project

OBJECTIVE OF PROJECT:

To conduct an experimental test program to demonstrate that incineration of PVC in MSW streams does not increase PCDD/PCDF emissions. Norwegian study focuses on precursors; Swedish study will relate PCDD/PCDF emissions to fuel confirm Pittsfield (NYSERDA) study.

STATUS REPORT:

SI (Norwegian) final report due end of August. Umea (Swedish) has proposed follow-up study to investigate questions raised by steering committee and determine reasons for unexpected results. This continuation-phase is scheduled for 12 mos. at a cost of 200,000 ECU. Funding to be finalized (hopefully) by the end of August.

RECOMMENDED ACTIONS & FUTURE PROGRAMS:

Continue to participate in steering committee; provide \$10,000 (U.S.) in FY '94 to support the work if so requested.

MEETING AGENDA:

- 1) Are any decisions needed by the IMC (Y/N)?
- 2) Is a presentation and/or discussion needed (Y/N)?
- 3) How much total meeting time should be scheduled for presentation, discussion and/or decision (minutes)?

No

No

PREPARED BY: Richard S. Magee

DATE: August 16, 1993

August 1993

R&S 144248

VI - TECHNICAL COMMITTEE PROJECT REPORT

DATE OF MEETING: September 23, 1993

PROJECT TITLE: Cost of Incinerating Wastes Containing PVC

OBJECTIVE OF PROJECT:

To determine the economic impact of PVC in municipal solid waste (MSW) and hospital waste on overall incineration and air pollution control system costs.

STATUS REPORT:

Contract was awarded to Midwest Research Institute (8/93) to perform the study. Efforts are underway to establish a peer-review of the work by ASME.

RECOMMENDED ACTIONS & FUTURE PROGRAMS:

A small steering committee be established to monitor the study and to provide MRI guidance and assistance throughout the project.

MEETING AGENDA:

- | | |
|--|-------------------|
| 1) Are any decisions needed by the IMC (Y/N)? | <u>No</u> |
| 2) Is a presentation and/or discussion needed (Y/N)? | <u>Yes</u> |
| 3) How much total meeting time should be scheduled for presentation, discussion and/or decision (minutes)? | <u>20 minutes</u> |

PREPARED BY: Richard S. Magee

DATE: August 16, 1993

August 1993

R&S 144249

VI - TECHNICAL COMMITTEE PROJECT REPORT

DATE OF MEETING: September 23, 1993							
PROJECT TITLE: Fire Science							
OBJECTIVE OF PROJECT: Monitor and promote scientific reasoning in the development of fire codes, standards and regulations that ensure a fair treatment for PVC products.							
STATUS REPORT: <u>A. Corrosion</u> - ASTM D9.21 (Con^e Calorimeter) is going to Society vote. UL has proposed a round robin at a recent meeting Marcelo H. attended for the VI. ASTM E5.21 appears dead. At this point, ASTM D9.21 appears to be the future U.S. test and the one being advance at IEC 89. This is probably the best small scale test for PVC. The CNET and DIN traveling furnace appear to be the European candidates for IEC 89. It is interesting that the company that makes the CNET apparatus is out of business. Both tests are less desirable than D9.21 for PVC. On large scale corrosion tests, both the CSA and UL are in the process of developing LC tests and standards. Marcelo H. is representing the VI on the development of these tests. The CSA's position is that a LC cable must meet all standards in addition to low corrosion. UL has test protocol proposed for evaluation. UI has estimated the cost for development at \$200M. At this time, there does not appear to be a high degree of interest and participants and funding may not be sufficient. We need to decide on VI participation? <u>B. Toxicity</u> - Rich Gottwald (SPI) met with NYC officials to discuss their apparent adoption of an "interim protocol" which is the NY state procedure with a cut-off number of 19.7. Apparently, we have new people involved who are willing to consider the dropping of their toxicity requirements. Rich has sent a letter to NYC summarizing SPI's position and the results of their results of their meeting (No applause yet!) The NIST - Steve Packham modified toxicity test continues to plod (glacial speed) through ASTM E-5. The modifications Dick Gann of NIST recommended and we wanted have been included in the appendix. This apparently leaves the test method "clean of editorial comment". Jack Snell of NIST has said any procedure that gains NFPA approval will have the modifications in the test. The U.S. continues to support a NIST variant in IEC-89. The European community does not want an animal model and has resurrected the DIN traveling furnace. Hopefully, this whole issue will continue to decline line in importance as hazard analysis and risk assessment models gain credibility and application. <u>C. Miscellaneous</u> - 1) David Moore of DESC has not answered Macelo H's June 16 letter. If we wish to pursue the removing of PVC from their HMMIN program, we need to develop a plan and allocate resources. 2) Funding for the NFPA90A research projects on combustibles in plenums has not reached the level needed. The project will be redesigned for the lower funding or canceled. 3) The VSI testing is underway at SWRI. Bruce Anson of Rohm & Haas is the lead technical person. We need to continue to monitor. 4) The National Electrical Cod^e (NFPA) cycle will begin this year. Submittals, reviews and final SPI position will be done in the Coordinating Committee on Fire Safety of the SPI. If a VI company is planning to submit a proposal, please contact me.							
RECOMMENDED ACTIONS & FUTURE PROGRAMS: 1) If the UI-LC program appears to be gaining enough financial support, I recommend VI participation. The extend of funding is unknown as it will be determined by number of participants. Total program cost is \$200M. 2) The VI needs to determine what degree of effort to expend of DESC. 3) Peter Lloyd of Geon is listed on NFPA panels for the development of the NEC. If he does not participate, the VI needs to choose a substitute.							
MEETING AGENDA: <table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">1) Are any decisions needed by the IMC (Y/N)?</td> <td style="width: 30%; text-align: center;">Yes</td> </tr> <tr> <td>2) Is a presentation and/or discussion needed (Y/N)?</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td>3) How much total meeting time should be scheduled for presentation, discussion and/or decision (minutes)?</td> <td style="text-align: center;">30 Minutes</td> </tr> </table>		1) Are any decisions needed by the IMC (Y/N)?	Yes	2) Is a presentation and/or discussion needed (Y/N)?	Yes	3) How much total meeting time should be scheduled for presentation, discussion and/or decision (minutes)?	30 Minutes
1) Are any decisions needed by the IMC (Y/N)?	Yes						
2) Is a presentation and/or discussion needed (Y/N)?	Yes						
3) How much total meeting time should be scheduled for presentation, discussion and/or decision (minutes)?	30 Minutes						
PREPARED BY: H. J. Hall	DATE: August 23, 1993						

August 1993

R&S 144250

VI - TECHNICAL COMMITTEE PROJECT REPORT

DATE OF MEETING: September 23, 1993	
PROJECT TITLE: VCM Unit Risk Factor Assessment	
OBJECTIVE OF PROJECT: To conduct a new quantitative risk assessment for VCM using pharmacokinetics (PB-PK). The results of this study will be used to update the existing unit risk factors used by regulators today.	
STATUS REPORT: Mel Anderson (CIIT), Dick Reitz (Dow, retired) and Trevor Green (ICI) have completed a draft of their results using a PB-PK model they developed for VCM. Their study indicates a 100 fold improvement in the safe VCM exposure level (24 hour, continuous) when the results of the PB-PK model are compared to the EPA <u>Health Effects Assessment Summary Tables</u> (EPA HEAST - 12/92). The final manuscript will be completed by September 20, 1993. The manuscript will be submitted to <u>Toxicology & Applied Pharmacology</u> in October 1993. A continuation phase of this project has been proposed by the investigators to address the data quality gaps in the existing human inhalation database. The investigators believe that a study involving in-vitro studies of human, rat and mice livers could provide additional improvement in the safe VCM exposure level.	
RECOMMENDED ACTIONS & FUTURE PROGRAMS: 1) An Ad-Hoc Task Group under the Technical Committee should review the manuscript after submission to determine the value of the proposed additional studies. 2) The PB-PK model should be reviewed for possible application in the PVC drinking water issue (citation possible once the manuscript has been accepted for publication).	
MEETING AGENDA:	
1) Are any decisions needed by the IMC (Y/N)?	Yes
2) Is a presentation and/or discussion needed (Y/N)?	Yes
3) How much total meeting time should be scheduled for presentation, discussion and/or decision (minutes)?	15
PREPARED BY: R. McCreedy	DATE: August 26, 1993

August 1993

R&S 144251

VI - TECHNICAL COMMITTEE PROJECT REPORT

DATE OF MEETING: September 23, 1993	
PROJECT TITLE: Sensory Irritation / Indoor Air Pollution	
OBJECTIVE OF PROJECT: To monitor and support technical activities on the indoor air pollution issue at the standards (ASTM) and federal level.	
STATUS REPORT: (see attached summary)	
RECOMMENDED ACTIONS & FUTURE PROGRAMS: Continue to monitor and report to the Technical Committee, as needed.	
MEETING AGENDA:	
1) Are any decisions needed by the IMC (Y/N)?	No _____
2) Is a presentation and/or discussion needed (Y/N)?	Yes _____
3) How much total meeting time should be scheduled for presentation, discussion and/or decision (minutes)?	15 _____
PREPARED BY: L. Fishbein	DATE: August 19, 1993

August 1993

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