



**Dow North America**

RON McCREEDY

The Dow Chemical Company  
2020 Dow Center

May 12, 1993

**Sally Ginter, 2020**

Lee Walko, 2020

re: Internal & External EDC/VCM/PVC Issue Teams

FYI, I've attached the minutes of the last VI task group mtg and the action register from Stearn's last issue team mtg.

A great deal needs to be done by my ad-hoc group at VI before the Annual mtg (5/24/93).

I'm on both of the existing internal work groups (media and protocol) under Stearn's direction.

I'll continue to keep you informed but please let me know if you have any specific questions.

Thanks,

DOW CONFIDENTIAL INFORMATION

R&S150591



*Dow North America*

RON McCREEDY

The Dow Chemical Company  
2020 Dow Center

May 11, 1993

Joe,

When I wrote up the action register last night I took some editorial license. Please let me know if you think I've changed any of the content.

Thanks,

DOW CONFIDENTIAL INFORMATION

R&S 150592

## DOW CONFIDENTIAL INFORMATION

EDC/VCM/PVC PROTOCOL MTG  
May 10, 1993

Attendees: Joe Stearns (WJS), Jack Arrington (JPA), Ron McCreedy (RLM)

| No. | WHAT                                                                                                                                                                                                                                                                                                                                          | WHO                                      | WHEN                       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------|
| 1   | PROCESS DEFINITION -<br>a) flowsheet (process, recycle, destruction, waste)<br>b) existing North American Analyses/Mat'l Balance<br>c) recommend sampling sites (Dow and "generic")<br>d) rational for sampling sites (mat'l balance, permit, etc.)<br>e) other Dow plants/processes impacted (by-product users, etc.)                        | Tom Morris<br>(via WJS)                  | 5/17/93                    |
| 1.1 | Inform Earl McConchie of Activities                                                                                                                                                                                                                                                                                                           | JPA                                      | 5/17/93                    |
| 2   | Identify key contacts (Alex Pollock ?) to review potential regulatory impacts and triggers.<br>a) incinerators/tox/throx<br>b) fed & state effluent limits (air, water, sludge)<br>c) product content / compliance                                                                                                                            | RLM                                      | 5/17/93                    |
| 2.1 | Identify agencies that oversee this area (See #10)                                                                                                                                                                                                                                                                                            | RLM                                      | (See No. 10)               |
| 3   | Determine lead time and Data Quality Objectives for internal and external dioxin lab use                                                                                                                                                                                                                                                      | Joe LeBeau<br>(via RLM)                  | 5/11/93                    |
| 4   | Develop media contingency plan (Dow & Ketchum)                                                                                                                                                                                                                                                                                                | Joy Hutchison                            | 5/17/93                    |
| 5   | Identify & Review TSCA 8(e) Potential<br>a) Importing Data<br>b) Future Testing                                                                                                                                                                                                                                                               | Paul Wright &<br>Joe LeBeau<br>(via RLM) | 5/11/93                    |
| 6   | Questions for Dioxin Policy Team<br>a) collection/import of existing off-shore data (Stade/Sarnia)<br>b) review protocol proposal<br>c) share any <u>existing</u> Dow dioxin data with the industry in a "blind" data collection via a third party (VI council ?)<br>d) Share any future Dow dioxin data with the industry ... see 6(c) above | Joe LeBeau<br>(via RLM)                  | Q - 5/11/93<br>A - 5/17/93 |
| 7   | Schedule 2 x 2 hr mtgs the week of 5/17/93 (one early, one late in the week)                                                                                                                                                                                                                                                                  | WJS                                      | 5/12/93                    |
| 8   | Determine long term and short term (5/24/93) Dow rep for the VI Executive Board                                                                                                                                                                                                                                                               | WJS (with Dupree)                        | 5/17/93                    |
| 9   | Develop list of 1st & 2nd recommendations for third party scientific review of analytical science (dioxin)                                                                                                                                                                                                                                    | Jim Havel<br>(via RLM)                   | Q - 5/11/93<br>A - 5/21/93 |
| 9.1 | Develop list of 1st & 2nd recommendations for third party scientific review of health science (dioxin)                                                                                                                                                                                                                                        | Colin Park<br>(via WJS)                  | Q - 5/11/93<br>A - 5/21/93 |
| 10  | Develop plan and timeline to go to the agency(s) for concurrence with the methodology/protocol (see #2.1)                                                                                                                                                                                                                                     | Assigned at next Team Mtg                | week of 5/17/93            |

RLS150593

EDC/VCM/PVC Ad Hoc Task Group  
The Vinyl Institute

Atlanta Airport Marriott Hotel  
10:00 a.m. - 3:00 p.m.  
May 4, 1993

ATTENDEES

Frank Borrelli, Georgia Gulf  
Julie Baron, Georgia Gulf  
Beverly Gholson, Georgia Gulf  
Jim Lewis, Geon Vinyl Division, BFG  
Dick Samelson, PPG  
Ron McCreedy, Dow Chemical  
Meredith Scheck, The Vinyl Institute  
Dave Meeker, Edward Howard & Company

UNAVAILABLE

Don Goodman, Occidental Chemical  
Dave Penny, Vista

MEETING SUMMARY

An Ad Hoc Task Group has been formed within The Vinyl Institute to respond to recent allegations of dioxin and furan impurities in EDC/VCM/PVC.

During this meeting the task group utilized several quality improvement tools to develop the following enclosed work products.

- 1) team mission statement (page 2)
- 2) flow chart (page 3) representing the following:
  - a) current initiatives
  - b) recommended additional initiatives (seeking approval of the exec board)
  - c) potential initiatives requiring additional definition (seeking guidance of the exec board)
- 3) team assignments/champions for current initiatives (page 4)

The brain storming concepts and road map created during this working session are also enclosed (page 5).

## **EDC/VCM/PVC Ad Hoc Task Group The Vinyl Institute**

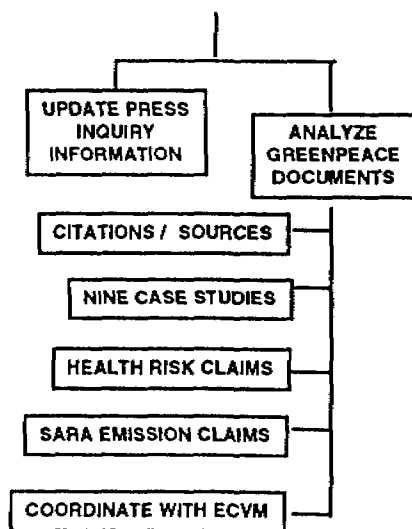
### **MISSION**

**INVESTIGATE AND EVALUATE THE HUMAN HEALTH AND ENVIRONMENTAL EFFECTS OF ALLEGED FORMATION OF POLY CHLORINATED DIBENZO DIOXINS AND FURANS IN THE EDC, VCM AND PVC PROCESS AND PRODUCTS.**

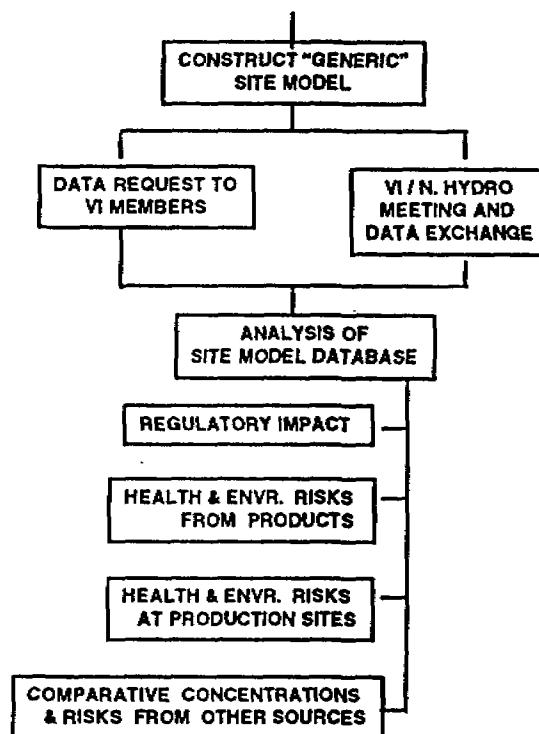
**May 4, 1993**

# EDC/VCM/PVC AD HOC TASK GROUP MEETING MAY 4, 1993

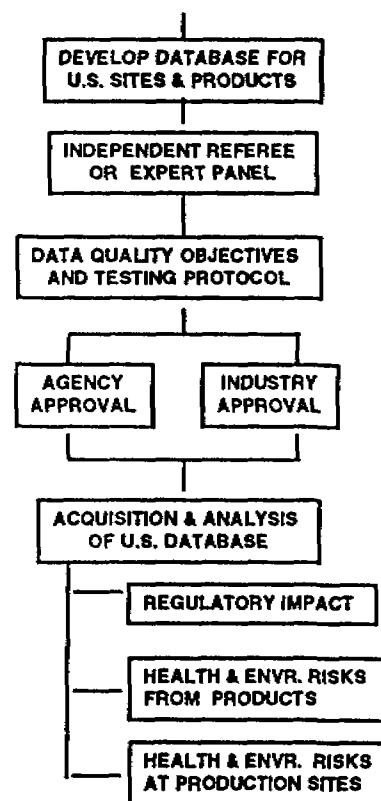
## INITIATIVES STARTED



## RECOMMENDATIONS TO EXEC BOARD



## FUTURE CONSIDERATIONS



**ACTION REGISTER****EDC/VCM/PVC AD HOC TASK GROUP MEETING****May 5, 1993**

| ITEM | WHO              | ACTION                                                                                       | DUE         | DONE        |
|------|------------------|----------------------------------------------------------------------------------------------|-------------|-------------|
| 1.   | McCreedy         | Draft / Distr. mtg minutes                                                                   | May 7, 1993 | May 7, 1993 |
| 2.   | All              | Review team mission and plans with individual companies                                      |             |             |
| 3.   | Scheck (Burnett) | Communicate to exec board and set up teleconference to review / approve team recommendations |             |             |
| 4.   | "                | Explore VI / Norsk Hydro data exchange at the Annual Mtg                                     |             |             |
| 5.   | "                | Set next ad hoc team meeting or teleconference day/time                                      |             |             |
| 6.   | "                | Coordinate activities with EVCM                                                              |             |             |
| 7.   | "                | Obtain Analyses of 9 case studies used in Greenpeace document (Freiesleben)                  |             |             |
| 8.   | Borrelli         | Develop critique of emission claims in Greenpeace document                                   |             |             |
| 9.   | "                | Ask Dave Penny (Vista) to critique health risk claims in Greenpeace document                 |             |             |
| 10.  | Samelson (Angel) | Develop ChemRisk RFP to critique citations / sources used in Greenpeace document             |             |             |
| 11.  | Meeker           | Update media inquiry info as brain stormed during meeting                                    |             |             |

R&amp;S150597

**EDC/VCM/PVC Ad Hoc Task Group Meeting  
May 4, 1993**

**BRAIN STORMING SESSION**

(NOTE: These concepts are not listed in any ranking)

- CRITIQUE GREENPEACE DOCUMENTS
- DEVELOP U.S. ANALYSIS/POSITION OF THE NORSK HYDRO DATA
- DEVELOP PLANT DATA FOR U.S. PRODUCTION SITES
- DETERMINE COMPARATIVE CONCENTRATIONS OF PCDD/PCDF'S (IN  
CONTEXT OF OTHER SOURCES)
- EVALUATE POTENTIAL HEALTH RISKS
  - PROCESS
  - PRODUCT
  - PLANT SITES
- DETERMINE EMISSIONS (HOW MUCH AND WHERE)
  - PRODUCT
  - AIR/WATER/SLUDGE
- AOX VERSUS PCDD/PCDF IN THE GREENPEACE ALLEGATIONS
- CLARIFY RCRA CLASSIFICATIONS
- DETERMINE COMPARATIVE RISKS

**ROAD MAP**

- A. CRITIQUE GREENPEACE DOCUMENTS
- B. MAKE RECOMMENDATIONS TO THE VINYL INSTITUTE EXECUTIVE BOARD
  - 1. INVESTIGATE ALLEGATIONS OF PCDD/PCDF GENERATION  
IN THE EDC/VCM/PVC PROCESSES.
  - 2. EVALUATE HUMAN HEALTH OR ENVIRONMENTAL IMPACTS OF  
EDC/VCM/PVC PROCESSES AND PRODUCTS

R&S150598