

JUL 31 1991

XC: Kevin
Vern

MEETING NOTICE/CONFIRMATION

DATE: Friday, August 2, 1991

TIME: 10:00 a.m.

LOCATION: A316C

PARTICIPANTS:

Tom Blank
James J. Collins
Toni Kokotovich
Frank Krewet
Max McCombs
Henry Sherman
David Snively
Loren Wassell

PURPOSE: To discuss communication package for
Nitro study

DSW 134314

STLCOPCB4034272

Communication Strategy For Dioxin Findings

The purpose of this strategy is twofold: 1) to communicate the 1949 Nitro Accident study results to management and impacted employees or former employees, while also 2) informing NIOSH of the new findings of this study which could affect their communication to persons in the NIOSH Dioxin Registry. The tasks to complete this communication follow. Because of time and resource constraints, sections I and II of this plan will be done in parallel. Time lines for initiation, duration and completion of the tasks outlined in this strategy are also attached. We have delivered to NIOSH our versions of the communication for Nitro and Krummrich on the findings of the NIOSH Dioxin Registry. If all goes as planned, we will have completed communication to our employees on the Monsanto Nitro 1949 accident by the end of September, hopefully coinciding with the NIOSH communication.

I. Communication of 1949 Nitro Accident (Coordinator - Collins)

- A. Management - We have reviewed results and proposed communication plan. Get approval for plan.
- B. Biohazards Committee - We have reviewed results and received input for conclusions of study.
- C. Communication package - Work with MCC to put together communication package and see if we can get union involvement.
- D. Communication to study subjects - coordinate with plant and possibly PAB registry.
- E. NIOSH - Provide full details of study and discuss areas where NIOSH and Monsanto disagree on data.
- F. Publication - Peer reviewed publication to communicate with scientific community and give study stature and credibility.

II. Review of NIOSH communication on NIOSH Dioxin Registry (Coordinator - Leet)

- A. Assemble review panel - Leet, Kaley, legal, Sherman (Nitro), Blank (Krummrich), MCC, Collins, Conner
 - 1. review, critique, and redraft NIOSH communication
 - 2. coordinate review with Dow
 - 3. see if unions willing to work with our review panel

DSW 134315

STLCOPCB4034273

Agenda

August 2, 1991

1. Goals of meeting
2. Background on issue
 - a. NIOSH Study
 - b. NIOSH communication
 - c. Monsanto Study
3. Review of Monsanto study results
4. Summary of major findings of Monsanto study
5. Scope of communication package
 - a. what form
 - b. who will receive
6. Coordination of effort - Assignments

- LETTER ? Supporting Material

- Corp PR & Litigation - Press Release

- FACE SHEET SUMMARY

CONCLUSION OF FINDINGS

Draft in one week

ADDRESSES - September - LEET
Active & Retirees i. Registry

DSW 134316

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ID	Name	Duration	June 16				June 23							June 30							July 7							July 14						
			19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Communication of	99.38ed																																
2	Management	2w																																
3	Biohazards Committee	1d																																
4	Communication Package	4w																																
5	Study Subjects	4w																																
6	NIOSH	1.13d																																
7	Publication	6w																																
8	Review NIOSH package	19.38ed																																
9	Assemble Panel	13.38ed																																
10	Critique	2w																																
11	Contact Dow	1d																																
12	Work with Union	1d																																
13	Monsanto	2w																																
14	Schedule NIOSH	1d																																
15	Send Comments	1d																																
16	Communication with NIOSH	3.38ed																																
17	Review Presentation	1d																																
18	Presentation	1d																																

Project:
Date: 8/1/91

Critical



Noncritical



Progress



Milestone

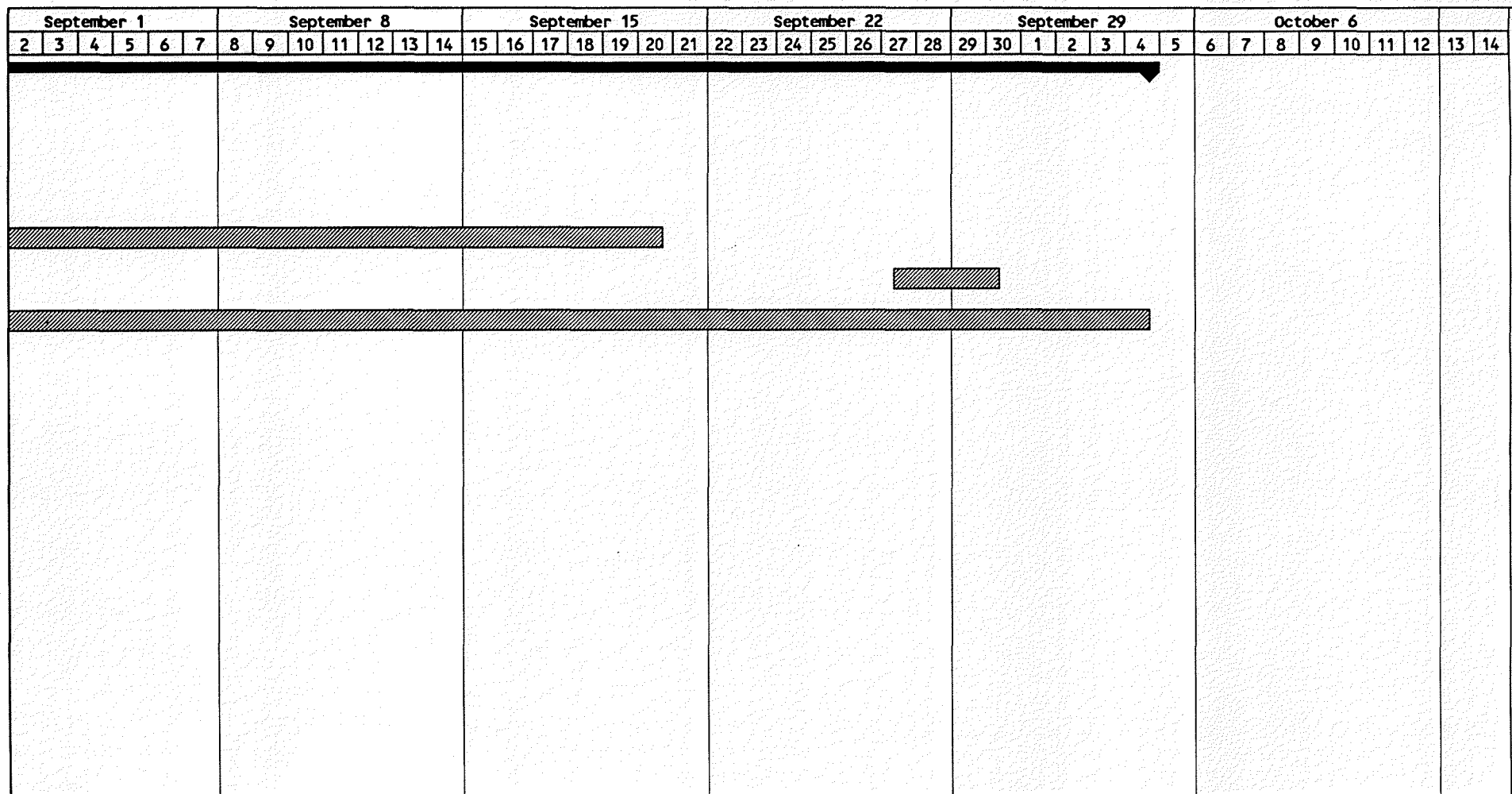


Summary



DSW 134317

STLCOPCB4034275



DSM 134319

Project:
Date: 8/1/91

Critical



Noncritical



Progress



Milestone



Summary



STLCOPCB4034277

Proposed Letter
DRAFT August 2, 1991

In August of 1990, NIOSH released a preliminary report on their Dioxin Registry to us and your union representatives. The Nitro and the Krummrich plants along with 10 other plants throughout industry were included in the study. Monsanto has provided information to NIOSH on persons working at these plants who had potential exposure to 2,3,7,8-tetrachlorodibenzodioxin (TCDD). In the NIOSH report, 5 of 7 possible the soft tissue sarcoma cases in this study occurred among Nitro workers. Because so many of the soft tissue sarcomas occurred at the Nitro plant, we decided to investigate this issue further by updating an earlier study we had done in 1980 at Nitro plant focusing on the 1949 trichlorophenol accident.

We have recently finished this study update and the results are encouraging. Persons exposed to TCDD alone are not at increased risk of cancer including soft tissue sarcoma. In fact, mortality patterns for this group of workers were no different than persons not exposed to TCDD in the plant, persons living near the plant, or the U.S. population.

This study also confirmed earlier findings of an increased risk of bladder cancer among persons working with p-aminobiphenyl (PAB). We have reported this finding to you previously, and have established a medical monitoring program for persons with exposure to PAB.

The risk of soft tissue sarcoma and lung cancer may also be elevated among persons with PAB exposure, or persons who develop chloracne after PAB exposure, although because of small numbers, lack of complete information, and other potential exposures such as smoking, this findings should be viewed preliminary. A study is currently underway at the Nitro, Krummrich and Queeny plants to investigate this issue further and we will report to you as soon as this study is completed.

If you want more information on this study or you have some questions related to it please contact us.

Medical Director

Union Representative

DSW 134320

STLCOPCB4034278

Proposal for Communication Package for
Nitro 1949 Accident Study

Purpose

The purpose of this communication package is to provide study subjects as well as persons who may have experienced similar exposures with information of the study done by Monsanto at the Nitro plant. This package will:

1. accurately portray study findings in layman's terms,
2. provide an assessment of how these study findings relate to them, and
3. provide them with a contact to obtain more information.

Scope

This communication will be given to:

1. Study subjects (i.e., all persons who met study criteria with records indicating they worked with PAB or developed chloracne from the accident);
2. Any employee or former employee working in plants (i.e., Queeny Krummrich, Nitro) when there was potential exposure to TCDD;
3. Any person in the PAB Registry;

Forms of Communication

The main form of communication will be a letter to individual employees. Since these findings may also interest the general public we might also consider preparing questions and answers, press release, and layman's summary report.

Issues

1. Mailing Addresses - We currently can obtain easily addresses of all active employees, and all retirees. Obtaining addresses of other former employees will take time and money, and will be of limited use.
2. Union Involvement - To effectively communicate these results, we need the assistance of the union at these plants.
3. Timing - Coordinate this mailing with the NIOSH Dioxin Registry report.

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DRAFT

August 2, 1991

Summary of Principal Findings

1. Persons exposed to dioxin (i.e., TCDD) alone had no increased risk of cancer or other cause of death.
2. Persons exposed to PAB, as reported in previous studies, had increased risk of bladder cancer.
3. Persons who worked with PAB, or persons who worked with PAB and subsequently developed chloracne may be at increased risk of soft tissue sarcoma, or lung cancer although because of small numbers, lack of complete information, and other potential exposures this findings should be viewed as an "indication" only.

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4. if needed, develop Monsanto communication to correct NIOSH communication - coordinate with MCC and Corporate Communication

5. if needed, schedule communication with NIOSH which details critique and findings of 1949 Accident. This should be done when study subject communication for Nitro Accident (I.D.) is completed or well underway

B. Send comments to NIOSH.

III. Communication with NIOSH to detail critique of their communication package and share with them new information on Nitro Accident

A. Review presentation by Collins et al. to NIOSH (legal, Friedlander, Pierle, Fort, Communications)

B. Make presentation to NIOSH (Collins et al.)

DSW 134323

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