

# IOWA EMERGENCY RESPONSE COMMISSION

## Minutes of March 4, 2004 Hoover Level A Conference Room Hoover Building Des Moines, Iowa

### Members Present:

Elizabeth Christiansen\*  
Chris Scase  
Susan Lagneaux\*  
Julie Bell  
Frank Magsamen  
John Whipple  
Anne Jackson\*  
Kathy Lee

### Staff Present:

Brenda Boell  
Paul Sadler  
Joe Chandler  
George Hess

### Members Absent:

Don Flater  
Julie Cooper  
David Miller\*  
Brad Nocita  
Jim Kenkel\*  
Dan Rogers  
Thomas Sever\*

**Approval of Minutes:** November 6, 2003  
January 8, 2004

There was a lack of quorum to vote on the approval of the minutes. Deferred until later.

### Correspondence, Speeches, Conference Reports

**Homeland Security Conference July 13-15, 2004** - Paul Sadler related a discussion he had with Dave Hempen, HLSEM Training Officer where it was expressed as “looking good” some time for the IERC to address the conference. Chris Scase will follow up with Ellen Gordon or Dave Miller to ensure that there will be an EPCRA element at the Conference.

**EPA surplus computers for LEPC/local jurisdictions update** - On behalf of 7 counties and two regional emergency planning districts, Iowa has requested 15 of EPA's surplus computers. As EPA updates their computer equipment, they offer the old ones to jurisdictions. These computers are 3 to 4 years old and are capable of running CAMEO programs. The computers should be distributed by late summer.

**Stakeholders meeting with EPA February 4, 2004** - Chris Scase reported that Scott Hayes and George Hess reported on status of Chemical Risk preparedness, staffing

changes in EPA, focus for upcoming year is RMP Plans. Primarily and information sharing meeting. Paul Sadler, Dave Miller also attended.

**Senate File 2108** (copy of SF2108 at end of minutes)- Chris said that it was filed at the beginning of the session and requires DNR to form a State Hazardous Materials Response Teams Commission. Kathy Lee said it would not make it out of Funnel. There has been no action on it. Apparently it came about when the Dubuque Fire Department went to the Dubuque Board of Supervisors for funding, who thought the state of Iowa should fund hazmat teams and wrote the proposed bill, loosely patterned it upon the fire service and state emergency response council. It took everyone by surprise.

Kathy Lee said that last year, the Des Moines Fire Department did an independent analysis for the purpose of determining what it would cost to create a new hazmat team with the current level of equipment, staffing and training the initial cost would be 4.1 Million Dollars. The yearly cost of maintaining the Des Moines Fire Department is \$400,000.

Kathy Lee also said that Council Bluffs is sending out 28 E agreements to a number of counties, for the purpose of providing hazmat coverage to a region but have not received any of those back.

**GIS for LEPCs** - In 2002, HLSEM applied for a \$20,000 EPA grant with the idea of training mentors in each of the Emergency Management Association districts to help other counties complete their Annex P Hazardous Materials plans. Only one mentor actively assisted other counties but he has since left emergency management. That left some of the grant money unspent. Instead of turning the money back, HLSEM was allowed to amend the grant to establish a GIS system to support LEPCs. HLSEM has plotted all the sites identified under the Tier II reports to a website to be accessed by local planners. Jon Paoli has completed the plotting and has trained 60 counties in using the GIS data. It was noted that the maps are the most difficult part of the hazmat plan.

**SIRG Meeting April 29** - Paul Sadler said he would be attending the Southern Iowa Response Group (SIRG) meeting on April 29<sup>th</sup> in Ottumwa to kick start Regional planning district again. The region was initiated in 2002, but for some reason did not follow through.

### **Committee Updates: Membership/Reports**

*Executive* – The Executive Committee met on February 6th and was attended by Elizabeth Christiansen, Chris Scase, Susan Lagneaux, Anne Jackson, David Miller, and Paul Sadler (as Staff). Primary focus was to look at what IERC has/has not accomplished and identify goals and review the functions of the IERC. Chris said that although there have been huge strides in Tier II and planning in the past 15 years, the IERC continues to struggle with quorums. Lack of funding for the IERC and for LEPCs makes it difficult to move forward. The Executive Committee decided the IERC should focus on core functions and keep the limited amount of HMEP coming in for LEPCs. The consensus of the Executive Committee was that the IERC should scale back to two meetings annually, focusing on a limited number of goals and focus on outreach.

Frank M encourage that a schedule be maintained to keep information going out to IERC members electronically so that they don't loose contact or information.

It was decided to meet again October 8, 2004 to approve HMEP grants. The meeting after that was March 3, 2005. There will be Executive Committee meetings in between IERC meetings to provide direction to staff.

*Information Education* – Did not meet.

*LEPC Support* – Did not meet.

*Fee Legislation Study Committee* – Did not meet.

## **Agency Reports**

### ***Section 301 – Homeland Security and Emergency Management Division***

Paul Sadler reported Clinton County has two new nominations and three resignations. No action could be taken on the resignation for lack of a quorum.

To the best of knowledge, there are at least 2 members in each LEPC. The list of LEPC chairs and contacts are listed on the HLSEM website.

### ***Section 303 – Homeland Security and Emergency Management Division***

Paul Sadler reported Adams County is the only county that does not have a completed EPCRA plan.

### ***Section 305 – Homeland Security and Emergency Management Division***

No report

### ***Section 302 & 312 – Division of Labor***

Anne Jackson reported that Tier II 2003 has been collected and data entry is ongoing. Tier II 2002 is not finished yet - could be 8 more weeks because they are doing 02 and 03 at the same time.

### ***Section 304 & 313 - Department of Natural Resources***

Kathy Lee reported that there have been 85 spills year to date and have started to receive a couple of Form R. Paul Sadler e-mails the spill reports out to counties for DNR. The IERC asked that they be added to the e-mail list. The spill reports are also on the DNR website. Kathy Lee said that by mid-April, she is planning to have posted county summary report of spills on the Coordinators section of the HLSEM website.

## **EPA/FEMA Reports**

### **EPA**

George Hess handed out the February 2004 Risk Management Program information (\*Handout attached). After last IERC meeting, TRI workshops were moved a week later. RMP workshop for Iowa will be March 31 in Ames. EPA has a budget now and are hoping for another grant opportunity. April 8th is the ATSTR meeting on terrorism and chemical weapons (\*Handout attached). Asked for feedback on 4 state meetings. Iowa ties funding to county plans. Other three states don't do that. Iowa has the most completed plans of any state. Two more states are going to a web based Tier II. Other states said they did not want a spring meeting so may get the states together in the fall.

### **FEMA**

Joe Chandler Application period for the Fire Fighter Grant Program is open from March 1 -April 2. It is all electronic. You can go to the ODP or Fire Academy Website. New independent study course is available for working with Tribal governments - go to FEMA Training Site IS-650. Woodbury County was recipient of 6 million dollar communication interoperability grant. Ties in 100 agencies from 3 state, 10 counties and 2 tribal nations. This fall, Monona County will be conducting the Hazmat Exercise Program (similar to Chercap).

### **Public Comments**

No public interests present.

Chris Scase reminded the IERC of the Midwest Security and Preparedness Conference and Exhibition "Bringing People Together for Safer Drinking Water Systems, May 3-6, 2004. For more information, go to [www.mwsecurityconf.com](http://www.mwsecurityconf.com)

Chris Scase provided postcards the announced the 17<sup>th</sup> International Hazardous Materials spills Conference San Antonio, TX May 4-6. For more information got to [www.hotzone.org](http://www.hotzone.org)

### **Meeting Adjourned**

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SENATE FILE 2108

BY HOSCH  
A BILL FOR

An Act relating to a state hazardous materials response teams commission.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. STATE HAZARDOUS MATERIALS RESPONSE TEAMS  
COMMISSION -- REPORT.

1. The department of natural resources shall form a state hazardous materials response teams commission consisting of representatives from the department of natural resources, the state department of transportation, the homeland security and emergency management division of the department of public defense, the Iowa firemen's association, the Iowa association of professional fire chiefs, and the Iowa professional firefighters. The commission shall study the issue of state hazardous materials response teams and develop findings and recommendations. The findings and recommendations shall include, at a minimum, all of the following:

- a. A proposed plan, including a time table, for implementing state hazardous materials response teams.
- b. A proposed budget for implementing state hazardous materials response teams.
- c. An analysis of the costs and benefits of implementing state hazardous materials response teams.

2. By December 15, 2004, the department of natural resources shall submit a report to the governor and the general assembly regarding the findings and recommendations of the state hazardous materials response teams commission. At a minimum, the report shall consist of the findings and recommendations of the commission provided for in subsection 1.

EXPLANATION

This bill relates to a state hazardous materials response teams commission.

The bill requires the department of natural resources to form a state hazardous materials response teams commission consisting of representatives from the department of natural resources, the state department of transportation, the homeland security and emergency management division of the department of public defense, the Iowa firemen's association, the Iowa association of professional fire chiefs, and the Iowa professional firefighters. The bill provides that the commission shall study the issue of state hazardous materials response teams and develop findings and recommendations which shall include, at a minimum, a proposed plan, budget, and analysis of the costs and benefits for

implementing state hazardous materials response teams. The bill provides that, by December 15, 2004, the department of natural resources shall submit a report to the governor and the general assembly regarding the findings and recommendations of the state hazardous materials response teams commission.

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# EPA Region 7

## Risk Management Program

### February 2004

On June 20, 1996, the Environmental Protection Agency published risk management regulations mandated under the accidental release prevention provisions of the Clean Air Act (CAA). These regulations require owners and operators of stationary sources to submit risk management plans (RMPlans) and to revise and update the RMPlan submitted within five years of the initial submission or most recent update. The first submissions were received by the required deadline of June 20, 1999.

On July 31, 2003, EP A proposed to modify the re-submission schedule under the risk management program. A summary of those proposed changes is on the following page.

EPA, in conjunction with other sponsors, has scheduled a series of risk management program workshops to discuss the proposed changes and highlight requirements for a prevention program for Program 2 facilities. The primary focus for these workshops is anhydrous ammonia retail facilities that has more than 10,000 pounds (the threshold quantity) of anhydrous ammonia. The target audience includes environmental safety and/or compliance representatives, as well as, owners or operators of facilities required to submit a RMPlan.

The workshops will cover the following four main topics:

- **Requirements for 5-year update for Risk Management Plans (RMPlans).** EPA representatives will discuss the 5-year requirement for updating RMPlans; for many facilities, the deadline for the update in June 20, 2004.
- **Changes in the requirements for RMPlans.** EPA will discuss required changes to RMPlans, as outlined in the July 31,2003, proposal.
- **Implementation expectations of the Program 2 Prevention Program...**EPA will describe some of the common problems and violations observed during inspections and the required expectations for a prevention program.
- **EPA's compliance assistance and inspection programs.** EPA will describe how it provides compliance assistance and it conducts inspections.

# PROPOSED CHANGES TO RISK MANAGEMENT PROGRAM REGULATIONS

Federal Register: July 31,2003

## **A. Changes to Risk Management Plan (RMPlan) Submission Requirements 1. Five-Year Accident History**

*EPA proposes that facilities who have an accident that meets the criteria for the five year accident history be required to update and re-submit their RMPlan within six months of the date of the accident.*

### **2. Emergency Contact Information**

*EPA proposes to require that facilities correct their emergency contact information within one month of a change in the information.*

## **B. Changes to Executive Summary**

*EPA proposes to remove the requirement for sources to briefly describe the offsite consequence analysis (i.e., worst-case accidental release scenario(s) and the alternative accidental release scenario(s) within the executive summary of the RMPlan.*

## **C. New Data Elements**

### **1. Emergency Contacts E-mail Address**

*EPA proposes to add a mandatory data element to the RMPlan for sources to provide the e-mail address (if any) for the emergency contact.*

### **2. Reason for Subsequent RMPlan Submissions**

*EP A is proposing to add a mandatory data element to the RMPlan for sources to identify the purpose of submissions that revise or otherwise affect their previously filed RMPlans.*

### **3. Contractor Information**

*EP A is proposing to add a mandatory data element in the RMPlan for sources that use a contractor to help prepare their RMPlans to so indicate.*

## **D. Revisions to RMPlan Submit Format**

**Uncontrolled/Runaway Reactions:** *EP A is proposing to expand the list of possible causes of accidental releases to the reporting of sources' five-year accident history so an owner or operator can indicate whether an accident involved an uncontrolled/runaway reaction.*

## **E. Issue For Comment: Collection of OSHA Occupational Injury and Illness Data in Conjunction with the RMPlan Filing Required under 112(r) of the CAA.**

**F. Important Note: RMPlan submissions occurring before the effective date of the final amendments rule to be issued in early 2004 may require further updating to ensure compliance with any new data requirements.**

*This provision received numerous comments and is currently under review.*



## **NEW ADDRESS FOR SUBMITTING RMPs**

The EPA is planning to have a new version of RMP Submit and updated guidance available when the rule is finalized in the Spring, 2004. When you mail update/submissions, be sure to use the new address: Risk Management Plan (RMP) Reporting Center, P.O. Box 1515, Lanham-Seabrook, Maryland 20703-1515.

## **WORKSHOP DATES, LOCATIONS, AND REGISTRATION**

### **NEBRASKA**

February 25, 2004- Midtown Holiday Inn, 2503 South Locust, Grand Island, Nebraska 9:00 a.m. to 4:00 p.m. Registration fee: \$30.00 for lunch and refreshments.

**Registration:** E-mail your name and phone number to: [dsalmon@aurora.coop](mailto:dsalmon@aurora.coop) or Mail your name and phone number to: Aurora Cooperative Elevator Attn: Doug Salmon, PO Box 209, Aurora, Nebraska 68818

### **KANSAS**

March 9, 2004- Quality Inn, 1950 S. Range, Colby, Kansas. 9:00 a.m. to 4:00 p.m.

March 10, 2004- Kansas Farmers Service Association, 1515 East 30th, Hutchinson, Kansas 9:00 a.m. to 4:00 p.m.

March 11, 2004- Capitol Plaza Hotel, 1717 SW Topeka, Topeka, Kansas 9:00 a.m. to 4:00 p.m.

**Registration:** To register contact: Kansas Agribusiness Retailers Association (785) 234-0461 Email: [lisa@kansasag.org](mailto:lisa@kansasag.org) Registration fee: \$40.00 for lunch, meeting costs and handouts.

### **MISSOURI**

April 21, 2004-Fairmont Hotel, 401 Ward Parkway, Kansas City, Missouri (816) 756-1500

**Registration:** To register contact: Associated Industries of Missouri (573) 634-2246 Cost: AIM members \$65.00 Non-members \$115.00

### **IOWA**

March 31, 2004, Quality Inn Starlite Village, 2601 E. 13th Street, Ames, Iowa.

**Registration:** To register contact: Wendy Walker, Iowa Department of Economic Development 515-242-4761, or [wendy.walker@ided.state.ia.us](mailto:wendy.walker@ided.state.ia.us)

Additional workshops to assist facilities in updating their RMPs will be held at various locations in Iowa starting in May, 2004.

**Registration:** For information about these Iowa workshops contact Dan Nickey at the Iowa Waste Reduction Center: 800-422-3109, [nick\\$y@uni.edu](mailto:nick$y@uni.edu).

### **For more information about the workshops:**

Scott Hayes, U.S. EPA, 913-551-7670 or Herb Zirschky, 913-551-7452

Or go to the following web address: [www.epa.gov/region07news\\_events/index.htm](http://www.epa.gov/region07news_events/index.htm)

RMP submit user support: 301-429-5018 or [userrm.usersupport@epcra.org](mailto:userrm.usersupport@epcra.org)

website assistance: [www.epa.gov/ceppo](http://www.epa.gov/ceppo)

**TECHNICAL ASSISTANCE CONTACTS**

Diana Keller, Kansas Department of Agriculture, 785-296-3454, [gkeller@kda.state.ks.us](mailto:gkeller@kda.state.ks.us)  
Steve Travis, KSU Pollution Prevention Institute, 800-578-8898, [stravis@ksu.edu](mailto:stravis@ksu.edu)

Greg Voss, Missouri Department of Natural Resources, 573-522-9279,  
[gregory.voss@dnr.mo.gov](mailto:gregory.voss@dnr.mo.gov)

Dan Nickey, Iowa Waste Reduction Center, 319-273-8905, [nickev@uni.edu](mailto:nickev@uni.edu)

Tom Franklin, Nebraska Small Business Program, 402-471-8697

**TOXIC RELEASE INVENTORY WORKSHOPS AND WEB BASE TRAINING**

The Environmental Protection Agency, Region 7 will conduct four Emergency Planning and Community Right-To-Know Act (EPCRA/TRI) workshops and two web based training sessions in April-May, 2004.

April 21, 2004 Omaha, Nebraska  
Missouri

April 22, 2004 Kansas City,

May 12, 2004 Cedar Rapids, Iowa

May 13, 2004 St. Louis, Missouri

For information about the workshops: 866-844-4460, email:  
[www.mckinziecortstruction.com](http://www.mckinziecortstruction.com)

Web based training sessions will be held on May 18 and May 25,2004. For information on web based training go to: [www.epcra-tri.com](http://www.epcra-tri.com)

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*American College of Medical Toxicology (ACMT) and  
Agency for Disease Substances Toxic Registry (ATSDR)  
Presents*

**Chemical Agents of Opportunity for Terrorism:  
Preparedness and Response**

**Date/Time: Thursday, April 8, 2004 / 0800 - 1600**

**Location: Room #2240, EPA Region VII Building, 901 N. 5<sup>th</sup> St., Kansas City, KS  
66101**

**(ID required for entry to building)**

**Fee: None, but limited capacity and pre-registration required**

**Registration: Call Delores Austinson - 913-551-1313 or Shawn Blackshear 913-551-  
1311**

**Nearby hotel: Hilton Garden Inn, 520 Minnesota Ave., Kansas City, KS 66101**

**8:00 – 8:15 AM**

**Welcome & Opening Remarks**

**Steven Seifert, MD, FACMT, FACEP**

Medical Director, Nebraska Regional Poison Center, Region VII ACMT/ATSDR Representative

**Paul Wax, MD, FACMT**

Fellowship Director, Good Samaritan Regional Medical Center, National ACMT/ATSDR  
Coordinator

**Denise Jordan-Izaguirre**

Senior ATSDR Reg. Representative, Region VII

**8:15 - 9:00 AM  
Weapons**

**Toxic Warfare: Looking Beyond Conventional Chemical**

**Paul Wax, MD, FACMT**

Fellowship Director, Good Samaritan Regional Medical Center,  
Phoenix, AZ

While the threat of conventional chemical warfare has received much attention, and is the subject of tight control measures and a program of planned chemical destruction, less interest has been paid to other chemical agents that have great potential to wreck havoc on the civilian sector and produce mass casualties. This talk will provide an overview of toxic warfare, describe emerging “less than lethal” technologies, and discuss current hypotheses regarding the 2002 Moscow Theatre event.

**9:00 – 9:45 AM**

**The Clinical Neurotoxicology of Chemical Terrorism**

**Jennifer Lowry, MD**

Medical Director, Mid-Plains Poison Center, Kansas City, KS

The awesome complexity of the central nervous system makes it particularly vulnerable to poisons. This lecture will provide insight

into the expected clinical effects of potential terroristic poisons by highlighting three distinct brain syndromes: psychedelia (hallucinations), sedation (coma) and seizures (convulsions).

**9:45 – 10:00 AM**     **Break**

**10:00 – 10:45 AM**     **Toxic Gases**  
**David Watts, MD**

Fellow, Medical Toxicology, Good Samaritan Poison Center,  
Phoenix, AZ

Chemical compounds are produced in massive quantities as part of America's industrial complex. Many of these compounds are amenable to use as large scale terrorist weapons. This talk will address a number of chemicals, such as phosgene, chlorine, and anhydrous ammonia, which can be disseminated as inhalational threats. Their pathophysiology, treatment, and potential sources in the community and in the transportation system will be discussed.

**10:45 – 11:30 AM**     **Cyanide**  
**Vik Bebarta, MD**

Fellow, Medical Toxicology, University of Colorado, Rocky  
Mountain Poison and Drug Center, Denver, CO

Because of its relative ease of availability and potential for lethality, cyanide is one of the chemical agents more likely to be employed as a terrorist agent. This lecture will provide an overview of cyanide's mechanism of action, its metabolism, diagnostic clues and challenges, and common misunderstandings.

**11:30 - 11:45 AM**     **Questions**

**11:45 – 1:00 PM**     **Lunch Break**

**1:00 – 1:45 PM**     **Chemical and Biologic Contamination of Food and Water**  
**Steven A. Seifert, MD, FACMT**

Medical Director, Nebraska Regional Poison Center, Omaha, NE

This presentation will discuss the vulnerability of the food and water supply as vehicles for terrorism. Specific groups of toxicants and the characteristics that govern their suitability as potential toxic threats will be discussed.

**1:45 – 2:30 PM**     **Delayed Toxic Syndromes**  
**Ed Bottei, MD**

Medical Director, Iowa Statewide Poison Center, Sioux City, IA

Previous experience in medical toxicology provides notable examples in which malice or mishap has resulted in widely publicized episodes of group or mass poisoning whose presentation was delayed. The toxicity of metals such as thallium and the organomercurials, and of halogenated hydrocarbons like PCBs, PBBs and dioxins, will be discussed with particular reference to how poisoning with these agents presents and why delay in symptom onset complicates response to potential incidents of toxic terrorism.

**2:30 – 2:45 PM**

**Break**

**2:45 – 3:30 PM**

**The Psychological Impact of Mass Chemical Exposures**

**Gary Wasserman, MD**

Chief, Section of Medical Toxicology, The Children's Mercy Hospitals and Clinics, and Professor of Pediatrics, University of Missouri, Kansas City, MO

It is often difficult to differentiate psychological harm caused by chemical or biological terrorism from other illnesses. Previous events demonstrate that large numbers of patients with psychological harm will impact the emergency response and potentially overwhelm the health care system. Strategies must be developed to diminish fear and hopefully decrease subsequent mass psychogenic illness that is likely to occur following a mass chemical exposure.

**3:30 – 4:00**

**Questions and Wrap-Up**