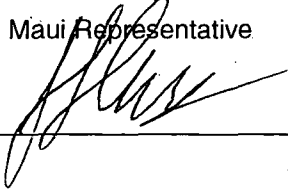


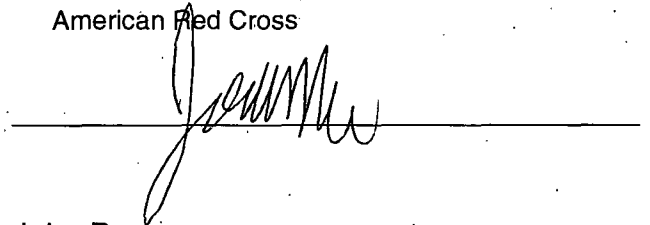
**Sign-In Sheet for HSERC Members
Or their Voting Representatives**

NOV. 17, 2000

Joseph Blackburn
Maui Representative/LEPC Chair
Maui Fire Department
Maui Representative

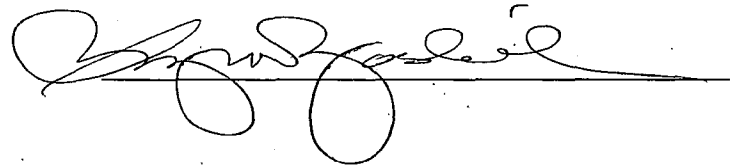


James Bobb
Coordinator, Logistics, Preparedness and
Planning
American Red Cross
American Red Cross



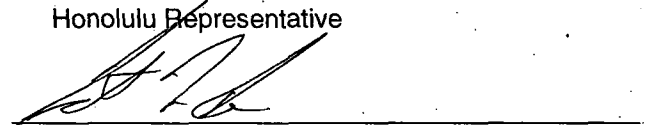
Robert A. Boesch
Pesticides Program Manager
Pesticides Branch, Department of Agriculture
Board of Agriculture

John Bowen
Hawaii Representative/LEPC Chair
Consultant and Instructor in Hazardous
Materials
Hawaii Representative

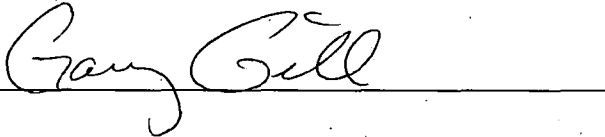


Russel Charlton
Manager
Occupational Health Branch
Department of Labor and Industrial Relations

Captain Carter Davis
Honolulu Representative/LEPC Chair
Honolulu Fire Department
Honolulu Representative



Gary Gill
Deputy Director, Environmental Health
Department of Health
Department of Health



Clifford Ikeda
Kauai Representative/LEPC Chair
Kauai Civil Defense
Kauai Representative

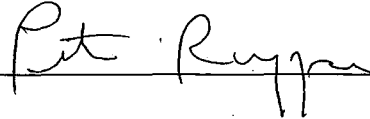


**Sign-In Sheet for HSERC Members
Or their Voting Representatives**

NOV. 17, 2000

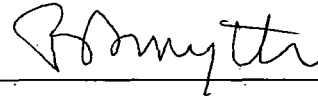
Prema Menon
Faculty
University of Hawaii, School of Public Health
School of Public Health, University of Hawaii

Jackie Miller
Environmental Coordinator
UH Environmental Center
University of Hawaii Environmental Center

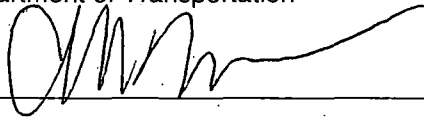


Genevieve Salmonson
Director
Environmental Quality Control Office
Environmental Quality Control Office

Thomas J. Smyth
Business Services Division
Dept. of Business, Economic Dev. & Tourism
Business, Economic Development & Tourism

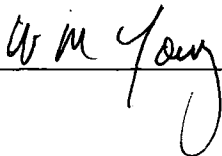


Chris Takeno
Hazardous Materials Officer
Department of Transportation
Department of Transportation



Ed Texeria
Vice Director
Civil Defense Division
Department of Defense

W. Mason Young
Staff
Department of Land and Natural Resources
Department of Land and Natural Resources



Sign-In Sheet for the November 17, 2000 HSERC Meeting

Name	Organization (If we don't already have this information.)	Phone	Fax	E-mail
Michael Ardito	U.S. EPA R9	(415) 744-2328		ardito.michael@epa.gov
Leann Mason	OCWA	5275397		l.mason@co.hawaii.hi.us
JOSEPH BLACKBURN	MAUI LEPC	242-1478	242-4479	joch@maui.net
Myron YOSHIOKA	HAWAII LEPC			myconsul@gte.net
BENNY EKROT	HERR OFC.			
Keith Kawooka	HEER	586-4249		
OLEMIENT JUNG	SED	773-4300		cjung@sed.state.hi.us
Dennis Poma	BEI	532 7455		
Walter YW		587-3050		(10:25 AM)
Ron Ho	DOH CAB	586-4200		

From: "Robert A. Boesch" <shermanp@hgea.org>
To: "Dennis Shimamoto - HEER" <dshimamoto@eha.health.state.hi.us>
Subject: RE: HSERC Agenda
Date sent: Thu, 16 Nov 2000 12:19:30 -1000

Dennis:

I will not attend the SERC meeting on Friday due to a conflict with the Pesticide Program ar

-----Original Message-----

From: Dennis Shimamoto - HEER [SMTP:dshimamoto@eha.health.state.hi.us]
Sent: Wednesday, November 08, 2000 9:30 AM
To: hazmat@hawaii.rr.com; ciked@aloha.net; eteixeira@scd.state.hi.us; glgill@mai
Subject: HSERC Agenda

The following section of this message contains a file attachment prepared for transmission using the Internet MIME message format. If you are using Pegasus Mail, or any another MIME-compliant system, you should be able to save it or view it from within your mailer. If you cannot, please ask your system administrator for assistance.

---- File information -----

File: 40agenda.doc
Date: 24 Oct 2000, 14:46
Size: 51200 bytes.
Type: MS-Word
<< File: 40agenda.doc >>



University of Hawai'i at Mānoa

Environmental Center

A Unit of Water Resources Research Center

2550 Campus Road • Crawford 317 • Honolulu, Hawai'i 96822

Telephone: (808) 956-7361 • Facsimile: (808) 956-3980

November 16, 2000

Hawaii State Emergency Response Committee
919 Ala Moana Boulevard, Room 206
Honolulu, Hawaii 96814

Dear HSERC Members:

Under authority of Hawaii Revised Statute Chapter 128E-2(c), I hereby designate Peter Rappa as temporary representative from the UH Environmental Center in place of Dr. Jacquelin Miller. Mr. Rappa will substitute for Dr. Miller for the HSERC meeting scheduled for Friday, November 17, 2000.

Sincerely,

James E.T. Moncur
Director, Environmental Center
and Water Resources Research Center

BENJAMIN J. CAYETANO
GOVERNOR

MAJOR GENERAL EDWARD L. CORREA, JR.
DIRECTOR OF CIVIL DEFENSE

EDWARD T. TEIXEIRA
VICE DIRECTOR OF CIVIL DEFENSE

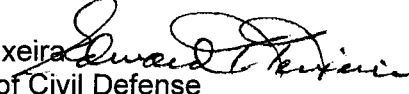


PHONE (808) 733-4300
FAX (808) 733-4287

STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE DIRECTOR OF CIVIL DEFENSE
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

November 15, 2000

TO: Mr. Gary Gill, Chair
Hawaii State Emergency Response Commission

FROM: Edward T. Teixeira 
Vice Director of Civil Defense

SUBJECT: NASTTPO CONVENTION 2002

I am not able to attend the November 17, 2000, SERC meeting due to conflicting schedule. However, if a vote is needed to determine if the Hawaii SERC will host the NASTTPO Convention 2002, I will cast my vote for the affirmative. Having the convention on Oahu will give the opportunity for Hawaii representatives to attend and network with our Mainland counterparts but will also showcase what we do in Hawaii. The added benefit is that additional monies will be funneled into Hawaii's economy.

If you have any questions, please call Clement Jung at State Civil Defense, 733-4300.



BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII

BRUCE S. ANDERSON, Ph.D.
DIRECTOR OF HEALTH

**STATE OF HAWAII
DEPARTMENT OF HEALTH**

In reply, please refer to:
HEER OFFICE

P.O. BOX 3378
HONOLULU, HAWAII 96801

**HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #40**

Friday, November 17, 2000 from 9:00 a.m. to 12:00 p.m.
Department of Health
919 Ala Moana Boulevard, Room 215
Honolulu, Hawaii 96814

00 NOV -6 A 9:35

LIEUTENANT GOVERNOR'S
OFFICE

AGENDA

- 1) 9:00 Call to Order Gary Gill, Deputy Director for Environmental Health
Opening Remarks and Discussion
Approval of Minutes from Mtg #39
- 2) 9:15 LEPC Updates John Bowen, Hawaii LEPC Representative
Clifford Ikeda, Kauai LEPC Representative
Joe Blackburn, Maui LEPC Representative
Carter Davis, Oahu LEPC Representative
- 3) 9:35 Funding Maui LEPC
Request for HMEP Funding Kauai LEPC
- 4) 9:50 Hawaii LEPC By-Laws John Bowen, Hawaii LEPC Representative
- 5) 10:00 EPA Update Mike Ardito, US EPA Region IX
Risk Management Program (video on "Managing Risks")
- 6) 10:20 NASTTPO Conference Clem Jung, State Civil Defense
- 10:30 Break
- 7) 10:45 Resignation of Dr. Premlata Menon From the HSERC
Kathy Ho, Deputy A.G., HEER Office
- 8) 10:55 Other Business
- 9) 11:00 Schedule next HSERC meeting

Display of Hazmat Response Vehicle and Demonstration of "TOMES PLUS"
Honolulu Hazmat Team



BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII

BRUCE S. ANDERSON, Ph.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH

In reply, please refer to:
HEER OFFICE

P.O. BOX 3378
HONOLULU, HAWAII 96801

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #40

Friday, November 17, 2000 from 9:00 a.m. to 12:00 p.m.
Department of Health
919 Ala Moana Boulevard, Room 215
Honolulu, Hawaii 96814

00 NOV -6 A9:58

LIEUTENANT GOVERNOR'S
OFFICE

AGENDA

- 1) 9:00 Call to Order Gary Gill, Deputy Director for Environmental Health
Opening Remarks and Discussion
Approval of Minutes from Mtg #39
- 2) 9:15 LEPC Updates John Bowen, Hawaii LEPC Representative
Clifford Ikeda, Kauai LEPC Representative
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Kathy Ho, Deputy A.G., HEER Office
- 8) 10:55 Other Business
- 9) 11:00 Schedule next HSERC meeting

Display of Hazmat Response Vehicle and Demonstration of "TOMES PLUS"
Honolulu Hazmat Team

Meeting called to order by G. Gill - 9:20a

LEPC updates -

Myron - Following letter from HSEPC for stinger operations
 Hilo Admin - worried about liability - wants
 private to do stinger.

New member for LEPC (elected ^{old one not re-elected} official)
 Handed out By-laws.

Warner's Rodeo grants ordinances lying around

Clifford - JCS training ^{JCS} (awareness training in future)
 12/20 next LEPC meeting
 2 participants to Vegas MDC conf.

Joe - Full scale exercise - success, learned a lot.

Stinger operations important, not enough coordination
 with private/public. More training required.

Purchased ~~equipment~~ ^{hardware} to upgrade hazmat equipment

AEC view ^{hardware} ~~material~~ purchased.

Cannot get Tier II data - do not have
 Microsoft access. 2000

Mancha - work w/ Mani to access our Tier II data
 Expenditure more on equipment.

(stinger op.)

Charter - ICS x county or local issue

Next meeting -

Draft letter for stinger op. (Mike Gripps)
What is in City/County Charter.

Charter - expenditures - send personnel to Continuing Challenge.

Spent \$7,000 for equipment for HFD.

Truck rollover - (drill) - uplighted, steel tank, cannot sting, training on main was helpful valuable.

Jeri Vinton - CLEAR update

Clara Jung - NASTPO update.

Honolulu LEAC voted to Support HSEAC on NASTPO Conference in Hawaii 2002

HAZMAT 2 started, at Kapalei

ICS presentation by USEC.

Plan update - selection Dixon Services -

Getting contract ready

Funding Request

(Se) Maui - Laptop Computer - \$4,500 (table ~~request~~)

Faculty Profile Planning ^{ME} = 4,500

Hazmat & Fire planning

Input of Data (software already in place)

Kanai - Ikeda \$17,645 ✓

14,114 - HMAEP

2,800 - HSEPC

15,000 - Consultant - ^{Revised} Emergency Response Plan

2645 - ^{table-top} balance - excursions materials & other expenses

To approve \$4500 (Main) + \$17,645 (Kanai)

Motion - Smythe / Ikeda

unanimously approved

approve minutes - unanimously approved

Hawaii by-laws - circulated

Mike Audito -

Vegas - M&K Hazmat Expto Risk Management Video.

NASTTPO - Clem Sang

Conf. in Hawaii

(Smyth / Davis) - In principal, have NASTTPO

Conf. in Hawaii in Spring 2002 ^{acknowledging} provided no cost incurred for to HSEPC.

unanimously approved

Resignation of Premalata Menon from HSEPC

Cathy Ho - eliminate or amend for another entity -

Motion - ~~Replace~~ School of Public Health
Approve JABSON if would like to replace school of Public Health & eliminate School of Public Health from law (Tobeno/Smythe)
Write to gov. for approval.

Next Meeting any other nominations unanimously approved.

(Klein's follow-up w/ Premalata)
update at next meeting.

New Business

Myron Major - Try National Guard presentation on "Weapons on Mars will bring up at next meeting, destination"

Peter - Climate Change Conference - Sponsor NOAA Disaster Management Plans - each island look into preparing plans -

Next Meeting - 1/12/01

Adjourned 11:16 pm.

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



BRUCE S. ANDERSON, Ph.D., M.P.H.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HAWAII 96801

In reply, please refer to:
HEER OFFICE

November 21, 2000

Clifford Ikeda
Kauai LEPC Chair
Kauai Civil Defense
4396 Rice Street, Room 107
Lihue, Hawaii 96766

Dear Mr. Ikeda:

At the November 17, 2000 HSERC meeting, the members approved the funding of \$17,645 to update the Kauai LEPC Emergency Response Plan and for a "table-top" exercise. Of the \$17,645, \$3,529 will come from the HSERC revolving fund and \$14,116 will come from the HMEP planning grant.

When your review committee has selected the best proposal, please inform me of your selection. The requirements to meet the funding grants must be finalized before funds can be encumbered.

Sincerely,

Denis M. Shimamoto
HSERC Coordinator
State Department of Health

C. C. Jung
HEER Office

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



BRUCE S. ANDERSON, Ph.D., M.P.H.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. BOX 3378
HONOLULU, HAWAII 96801

In reply, please refer to:
HEER OFFICE

November 21, 2000

Captain Joe Blackburn
Maui LEPC Chair
Maui Fire Department
320 Ekoa Place
Wailuku, Hawaii 96793

Dear Captain Blackburn:

At the November 17, 2000 HSERC meeting, the members approved the funding of \$4,500 to initiate the Maui LEPC Facility Profile Planning Process for hazmat and fire planning. Of the \$4,500, \$900 will come from the HSERC revolving fund and \$3,600 will come from the HMEP planning grant.

When your review committee has selected the best proposal, please inform me of your selection. The requirements to meet the funding grants must be finalized before funds can be encumbered.

Sincerely,

Denis M. Shimamoto
HSERC Coordinator
State Department of Health

C: C. Jung
HEER Office

From: "Clifford Ikeda" <ciked@kcda.state.hi.us>
To: "'Dennis Shimamoto - HEER'" <dshimamoto@eha.health.state.hi.us>
Subject: RE: Grant
Date sent: Mon, 20 Nov 2000 16:48:27 -1000

You're right. I calculated the 20% on the 80% (\$14,116) instead of the total of \$17,645.

-----Original Message-----

From: Dennis Shimamoto - HEER [mailto:dshimamoto@eha.health.state.hi.us]
Sent: Monday, November 20, 2000 4:10 PM
To: Clifford Ikeda
Subject: Grant

Hi Clifford. I was checking the numbers on the grant that was discussed on Friday, 11/17/00. You stated that the total cost is \$17,645 with \$14,116 from HMEP and \$2,823 from HSERC. I come out with \$3,529 from HSERC. Please double check the figures. I also will need an updated request with the necessary figures.

Denis Shimamoto
HSERC Coordinator
HEER Office 586-4694 fax586-7537

HAWAII COUNTY LOCAL EMERGENCY PLANNING COMMITTEE
c/o Hawaii State Department of Health
1582 Kamehameha Avenue
Hilo, Hawaii 96720

October 3, 2000

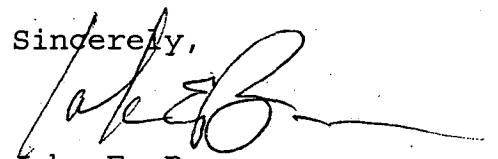
Hawaii State Emergency Response Commission
c/o Mr. Dennis Shimamoto
Hazard Evaluation and Emergency Response
Hawaii State Dept. of Health
919 Ala Moana Boulevard -- Room 206
Honolulu, Hawaii 96814

Members of the HSERC:

Enclosed is a copy of the bylaws that the Hawaii County Local Emergency Planning Committee proposes to adopt. We request your approval of these so that our LEPC can conduct its business in a more orderly manner in the future.

Thank you very much for your consideration.

Sincerely,



John E. Bowen,
Chair, Hawaii County LEPC

RECEIVED
DEPARTMENT OF HEALTH
2000 OCT - 4 A 11:28
HEER OFFICE

HAWAII COUNTY LOCAL EMERGENCY PLANNING COMMITTEE

BYLAWS

Article I. Name and Location

Section 1. The name of this body shall be the Hawaii County Local Emergency Planning Committee, hereinafter referred to as the Committee.

Section 2. The Committee shall be located in Hilo, Hawaii. The mailing address for the Committee shall be Hawaii County Local Emergency Planning Committee, c/o Hawaii State Department of Health, 1582 Kamehameha Avenue, Hilo, Hawaii 96720.

Section 3. The Mayor of Hawaii County, hereinafter referred to as the Mayor, may change the principal office location within Hawaii County.

Article II. Purposes and Responsibilities

Section 1. The purposes of this Committee are to develop and maintain a hazardous materials emergency response plan in compliance with the Emergency Planning and Community Right-to-Know Act (EPCRA) for Hawaii County, hereinafter referred to as the Plan.

Section 2. The duties of this Committee are as follows:

A. To review the Plan annually, and to revise it, as may be necessary. [Imp. 42 U.S.C.A. §11003(a)]

B. To evaluate the need for resources to develop, implement, and exercise the Plan, and to make recommendations with respect to additional resources that may be required and the means for providing such additional resources. [Imp. 42 U.S.C.A. §11003(b)]

- C. To receive follow-up emergency notifications for Hawaii County. [Imp. 42 U.S.C.A. §11004(c)]
- D. To organize and to maintain all EPCRA data that is reported to the Committee. This includes, but is not limited to, the Tier Two forms, material safety data sheets, facility site maps, and written notifications of releases.
- E. To reply to all public inquiries regarding EPCRA information and the Plan. [Imp. 42 U.S.C.A. §11022(e)(3); [Imp. 42 U.S.C.A. §11044(a)]
- F. To publish annually in the local newspaper(s) the availability and location of Tier Two Inventory Forms, material safety data sheets, and the Plan. [Imp. 42 U.S.C.A. §11044(4)]

Section 3. The Hawaii County Civil Defense will be empowered by the Committee to implement the Plan under emergency conditions.

Article III. Membership

Section 1. The original list of members was submitted by the Mayor of Hawaii County to the Hawaii State Emergency Response Commission (HSERC). Subsequent changes in the membership will be made by written notice from the Chairperson of the Committee to the Chairperson of the HSERC.

Section 2. Each member shall be entitled to one (1) vote at annual or special meetings. All voting members shall be entitled to receive appropriate publications, attend meetings, and shall be entitled to participate in all other activities accrued by members.

Section 3. Currently designated members of the Committee are listed in Attachment 1.

Article IV. Officers

- Section 1. The Committee shall elect a Chairperson and a Vice Chairperson from its membership. [Auth. 42 U.S.C.A. §11001(c)]
- Section 2. The Chairperson shall serve as Coordinator, or designate another member to do so. [Imp. 42 U.S.C.A. §11001(c)]
- Section 3. The Chairperson shall preside over all general meetings, exercise general supervision over the affairs of the Committee, and appoint a Chair for each sub-committee as may be established.
- Section 4. If the Chairperson is absent, or if the position should become vacant by unforeseen circumstances, the Vice Chairperson shall preside over the affairs of the Committee.

Article V. Meetings

- Section 1. Meetings of the Committee shall be held at least annually at a time and place to be determined by the Chairperson. Notice of the meetings shall be sent by mail to all members at least ten (10) days prior to the meeting. A written agenda shall accompany all meeting notices.
- Section 2. A quorum of the voting members or their pre-designated alternates shall be present to conduct business.
- Section 3. Special meetings of the Committee may be held at the call of the Chairperson.
- Section 4. The meeting agenda will be posted at the County Clerk's Office six (6) calendar days before each meeting.

Article VI. Sub-Committees

- Section 1. There shall be four (4) standing Sub-Committees:

- A. The responsibilities of the Planning Sub-Committee shall include, but not be limited to:
1. Developing and maintaining the Plan.
 2. Updating the resource list for the response and mitigation of a hazardous material incident.
- B. The responsibilities of the Community Awareness/Right-to-Know Sub-Committee shall include, but not be limited to:
1. Establishing guidance for public education and communication with the news media.
 2. Promoting EPCRA awareness in the community.
 3. Requesting and maintaining information required by EPCRA.
 4. Processing all requests from the public for EPCRA information. Fees for duplicating records shall be levied in accordance with Hawaii State rules.
- C. The responsibilities of the Legislative Sub-Committee shall include, but not be limited to:
1. Evaluating present laws and ordinances regarding hazardous materials.
 2. Proposing legislation concerning hazardous materials releases.
- D. The responsibilities of the Hazard/Vulnerability Analysis Sub-Committee shall include, but not be limited to:
1. Collect and maintain Tier Two Forms as submitted by facilities.

2. Creating a risk map and defining vulnerability zones around facilities.

3. Identifying vulnerable facilities within the vulnerable zone.

Section 2. Each Sub-Committee shall have two Co-Chairs appointed by the Chairperson.

Section 3. Members of each Sub-Committee shall be appointed by the Chairperson. The current Sub-Committee members are listed in Attachment 2.

Section 4. The Chairperson can appoint members of the Committee to special Sub-Committees or groups as needed.

Article VII. Rules of Order

Section 1. In all matters not otherwise prescribed herein, procedure shall be governed by Robert's Rules of Order.

Article VIII. Amendments

Section 1. These bylaws may be amended or repealed by a majority vote of the members.

ADOPTED

2 October 2000
(Date)


(Chairperson)

DELL

QUOTATION

E Com

QUOTE #: 47634206

Customer #: 8884924

Quote Date: 9/28/00

Date: 9/28/00 9:52:29 AM

Customer Name: MAUI COUNTY

15059.83
2506.41
12543.42

TOTAL QUOTE AMOUNT:	\$4,364.24	
Total Number of System Groups:	1	
Tax:	\$174.24	
Shipping and/or Handling:	\$35.00	

12553.42

GROUP: 1	QUANTITY: 1	PRICE: \$4,155.00	TOTAL: \$4,155.00
Base Unit:	Inspiron 7500,750MHz,Pentium III with SpeedStep,15.4" SXGA (220-5247)		
Operating System:	STO-Online Video,OEM,English, No Media,Factory Install (412-5165)		
Operating System:	Internet Explorer 4.01,SP2,US English,No Kit,Original Equipment Manufacturer,FactoryInstall (412-5326)		
Operating System:	Windows NT,Service Pack 5, Software,Inspiron 7500,CD, English,Factory Install (420-0413)		
Modem:	56K Capable V.90 Gold Card Global PC Card Modem,Factoy Install (313-0196)		
CD-ROM or DVD-ROM Drive:	8X CD-Rewriteable/Floppy Drive,Inspiron 7500 (313-2006)		
Option 1:	Nylon Carrying Case,Dual Compartment (310-0401)		
Service:	Type 3 Contract - Next Business Day PartsLabor On-Site Response Initial Year (902-3110)		
Service:	Type 3 Contract - Next Business Day PartsLabor On-Site Response 2YR Extended (902-3112)		
Memory:	512MB,SDRAM,2DIMM,Inspiron, Factory Install (311-1440)		
Misc:	79 Watt Battery for I7500,12 Cell,Lithium Ion,Factory Install (312-0509)		
Misc:	Dell E Com will help you buildinternet ideas/infrastructure see www.dell.com/us/en/gen/corporate/howeworks.htm (460-9052)		
Misc:	MS Office Pro 2000,CD with DOCUS English,OEM Package (412-7070)		
Video Card:	2X AGP 8MB ATI Rage Mobility ("TM" Trademark)-P 3D Video Factory Install (320-0254)		
Hard Drive:	20GB Hard Drive,Inspiron 7500,Factory Install (340-7052)		

TOTAL QUOTE AMOUNT:	\$4,364.24	
Total Number of System Groups:	1	
Tax:	\$174.24	
Shipping and/or Handling:	\$35.00	

SALES REP:	WADE DAHN	PHONE:	800-981-3355
Email Address:	Wade_Dahn@Dell.com	Phone Ext:	43937

For your convenience, your sales representative, quote number and customer number have been



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

NOV 2 2000

Clement Jung
Hawaii State Civil Defense/Hazmat Training
3949 Diamond Head Road
Honolulu, HI 96816

The 2000 Emergency Response Guidebook (ERG) is a complex publication requiring many areas of cross referencing. In such publications it is possible to have an error. We are attempting to contact as many people as possible to make everyone aware of just such a situation.

On Page 360 of the English version of the printed ERG, there is a typographical error. In the Table of Water-Reactive Materials Which Produce Toxic Gases, the wrong Guide (Guide 151) is listed for Dimethyldichlorosilane (ID No. 1162). The correct Guide for this material is 155, as listed in the ID Number Index (yellow-bordered pages, Page 29) and the Name of Material Index (blue bordered pages, Page 130).

The correction has been made to the Internet version of the ERG on DOT's Office of Hazardous Materials Safety website (<http://hazmat.dot.gov/guidebook.htm>). The French version, the Spanish version and Transport Canada's Internet version (<http://www.tc.gc.ca/canutec/en/guide/guide-e.htm>) all list the correct Guide for Dimethyldichlorosilane (ID No. 1162).

We are asking your assistance in disseminating this information to as many users of the ERG as possible.

Sincerely,

David L. Sargent, Director
Office of Hazardous Materials
Initiatives and Training

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



BRUCE S. ANDERSON, Ph.D., M.P.H.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HAWAII 96801

In reply, please refer to:
HEER OFFICE

November 15, 2000

Hawaii Occupational Safety & Health Division
Department of Labor and Industrial Relations
830 Punchbowl Street
Honolulu, Hawaii 96813

Dear Ms. Shishido:

I received an e-mail from Russell Charlton stating that he will no longer be a member of the Hawaii State Emergency Response Commission (HSERC) and that all further correspondence shall be with you.

Pursuant to Chapter 128E 2(b)(4), HRS and Chapter 128E 2(c), HRS, the Director of the Department of Labor and Industrial Relations (DLIR) shall be a member of the HSERC or he may designate, in writing, another person to act in place of him. The designated person shall have all the powers of a commission member. As such, we will require a written notification of his designation as the DLIR designated representative to the HSERC.

Denis M. Shimamoto
HSERC Coordinator

C: Gill

From: "Charlton, Russell" <russell.charlton@hi-e-honolulu.osha.gov>
To: 'Dennis Shimamoto - HEER' <dshimamoto@eha.health.state.hi.us>
Subject: RE: HSERC Agenda for Nov. 17, 2000
Date sent: Mon, 6 Nov 2000 15:44:14 -0500
<russell.charlton@hi-e-honolulu.osha.gov>

Please send all further correspondence to "jennifer.shishido@osha.gov". I am no longer a member of the HSERC. Thank you.

> -----
> From: Dennis Shimamoto -
> HEER[SMTP:dshimamoto@eha.health.state.hi.us]
> Sent: Monday, November 06, 2000 10:09 AM
> To: hazmat@hawaii.rr.com; ciked@aloha.net; eteixeira@scd.state.hi.us;
> glgill@mail.health.state.hi.us; oeqc@pixi.com; jackiem@hawaii.edu;
> bobbj@hawaii.rr.com; joeb@maui.net; jebowen@gte.net;
> LNakai@co.honolulu.hi.us; russell.charlton@osha.gov;
> tsmyth@dbedt.hawaii.gov; shermanp@hgea.org; masonry@pixi.com;
> chris_takeno@exec.state.hi.us
> Subject: HSERC Agenda for Nov. 17, 2000
>
> <<File: ATT178770.txt>><<File: 40agenda.doc>>
>
>

Date sent: **Wed, 11 Oct 2000 13:08:28 -0700**
From: **Ardito.Michael@epamail.epa.gov**
Subject: **Re: HSERC**
To: **dshimamoto@eha.health.state.hi.us**

Denis, 20 minutes should be ample time for my regular, brief presentation and the short video. Thanks! By the way, the video is called "Managing Risks."

dshimamoto@eha.health.state.hi.us on 10/11/2000 10:47:13 AM

To: Michael Ardito/R9/USEPA/US
cc:
Subject: Re: HSERC

Hi Mike. Will 20 minutes be OK?

On 10 Oct 00, at 10:34, Ardito.Michael@epamail.epa.gov wrote:

>
>
> Denis, do you know if there will be time on the agenda for the next HSERC
> meeting on Nov. 17 for me to show a short 10-minute video regarding the Risk
> Management Program? I will also use that video promoting some sessions at the
> December hazmat conference in Las Vegas.
>
> (I will probably have a very short written and verbal EPA update for the Nov.
> 17
> HSERC meeting -- if that helps decide whether there is time on the agenda for
> the short video.)
>
>

Denis Shimamoto
HSERC Coordinator

Date sent: **Wed, 18 Oct 2000 08:35:04 -0700**
From: **Ardito.Michael@epamail.epa.gov**
Subject: **Re: Waikapu Video**
To: **dshimamoto@eha.health.state.hi.us**

Denis, thank you very much for your offer to provide a copy of the Waikapu exercise video to me. I'll pick up the video from you on Nov. 17 and mail the video to Ken Stewart of EENET in Pennsylvania while I am in Hawaii. Mahalo!

dshimamoto@eha.health.state.hi.us on 10/17/2000 04:58:42 PM

To: Michael Ardito/R9/USEPA/US@EPA
cc:
Subject: Re: Waikapu Video

Hi Mike. We could give you a copy of the video when you get here on November 17, 2000 for the HSERC meeting. Will this be OK?
On 17 Oct 00, at 15:27, Ardito.Michael@epamail.epa.gov wrote:

>
>
> Denis, I was just reminded that you may have taken some videotape of the
> Operation Waikapu field exercise on Maui last month. I'm looking for some
> good
> video clips that we can use for the national broadcast about the CHER-CAP
> program over FEMA's Emergency Education Network (EENET). Do you have any
> video
> clips you think we could use? (I have sent messages to the Maui Fire Dept.,
> but
> have not heard back from them yet.) EENET will be putting together a rough
> copy
> of the CHER-CAP training video for our conference in Las Vegas scheduled for
> December 13. The EENET broadcast (national) is scheduled for sometime in
> early

> 2001.
>
>

Denis Shimamoto
HSERC Coordinator
HEER Office 586-4694 fax586-7537

Send reply to: <joeb@maui.net>
From: "Pjoeb" <joeb@maui.net>
To: "Dennis Shimamoto - HEER" <dshimamoto@eha.health.state.hi.us>
Subject: RE: HSERC Agenda Items
Date sent: Thu, 12 Oct 2000 07:02:13 -1000

Dennis, Yes

Two Items:

1. Tier II Data Collection. We need to get Tier II data into a format that all fire depts. and LEPCs can use.
2. Planning Grants: Will be submitting letters requesting grants for the following:
 - a. 5,000.00 for Facility Profiles
 - b. 4,000.00 for a Laptop Computer for Hazmat

Thanks Joseph Blackburn

-----Original Message-----

From: Dennis Shimamoto - HEER [mailto:dshimamoto@eha.health.state.hi.us]
Sent: Wednesday, October 11, 2000 10:51 AM
To: jebowen@gte.net; joeb@maui.net; hazmat@hawaii.rr.com;
ciked@kceda.state.hi.us; glgill@mail.health.state.hi.us;
lnakai@co.honolulu.hi.us; cmartin@eha.health.state.hi.us;
ardito.michael@epamail.epa.gov; kkawaoka@eha.health.state.hi.us
Subject: HSERC Agenda Items

Do you have any agenda items for the November 17, 2000 HSERC meeting?

From: "Curtis Martin - HEER" <EHANVL1/CMARTIN>
Organization: Environmental Health Administration
To: "Dennis Shimamoto - HEER" <EHANVL1/DSHIMAMOTO>
Date sent: Mon, 18 Sep 2000 11:21:35 -0700
Subject: HSERC November

Dennis for the agenda for the next HSERC meeting please set aside the last hour for Hono HAZMAT to do a demo on TONES and their new response vehicle.

Date sent: **Wed, 13 Sep 2000 15:10:10 -1000**
To: **"Dan Roe" <roed@dem.state.az.us>**
From: **cjung@scd.state.hi.us (Clement Jung)**
Subject: **Re: NASTTPO CONFERENCE**
Copies to: **Ed Teixeira <eteixeira@scd.state.hi.us>, Leighton Ah Cook <lahcook@scd.state.hi.us>, Warren Chung <wchung@scd.state.hi.us>, Denis Shimamoto <dshimamoto@eha.health.state.hi.us>, Leland Nakai <lnakai@co.honolulu.hi.us>**

Dan,

Thanks for your comments. I will look forward to the query and the results. Also the subject will be brought up to the Hawaii SERC at the Nov. 2000 meeting. I already have support from the State Dept. of Health SERC coordinator and the Oahu LEPC coordinator. However, it will be the SERC who will need to approve having the NASTTPO Conference here in 2002. I know there will be a lot of coordination to host a conference. However, with the support of the NASTTPO board, and good people here in Hawaii, we feel we can do it.

If the Hawaii SERC approve, I will let you know and would like it brought up at the Las Vegas meeting in December. We then can proceed with future mid-year meeting discussions, etc. If the Hawaii SERC turn it down, then everything will be moot.

Aloha, Clem

At 01:54 PM 9/13/00 -0700, you wrote:

>Have been waiting for Paula to send out a query to membership. I'll ask her to do that again after I return to Phoenix this weekend. We can discuss it again at the mid-year meeting in Las Vegas and at the meeting in Atlanta. How about the possibility of hosting a mid-year meeting. Problem is going to be the linkage with HMEP program. I know that Charlie Rogoff's bosses will have a hard time supporting a meeting for the HMEP grantees in Hawaii...and that'll be a significant obstacle for us. It'd be easier to have a multiple meeting set up...e.g. with NASTTPO, EPA, FEMA so that it would attract the west coast populus. Let me know what your SERC has to say. Remember what I told you...it's a "bundle" of work to host one of these...and you might consider seeing if there's contractor support from EPA/FEMA to help with that if we do it. Let me hear from you. Cheers. Dan
>

From: "Clifford Ikeda" <ciked@kcda.state.hi.us>
To: "Dennis Shimamoto \ (E-mail)" <dshimamoto@eha.health.state.hi.us>
Copies to: "Curtis Martin \ (E-mail)" <cmartin@eha.health.state.hi.us>
Subject: KAUAI LOCAL EMERGENCY PLANNING COMMITTEE
Date sent: Wed, 18 Oct 2000 10:48:11 -1000

Put this on as Old Business. thanks

COUNTY OF KAUAI



4396 RICE STREET 107 • LIHUE, HAWAII 96766
PHONE: (808) 241-6336 • FAX: (808) 241-6335
emops@kcda.state.hi.us

November 17, 2000

Mr. Gary Gill
Hawaii State Emergency Response Commission
SOH – Department of Health
919 Ala Moana Blvd 206
Honolulu HI 96814-4912

Dear Mr. Gill,

The Kauai Local Emergency Planning Committee (LEPC) submits a \$20,000 proposal for consideration by the Hawaii State Emergency Response Commission (HSERC) for activities to update the Kauai LEPC Hazardous Materials Plan and to conduct a tabletop exercise.

There is a need for plan revisions and enhancements to ascertain compliance with the Emergency Planning and Community Right-to-know Act (EPCRA) and Chapter 128E- of the Hawaii Revised Statutes (HRS). After circulation of a "Notice For Professional Services", a committee selected Dixon Risk Services, Inc. out of Solvanag, CA. to accomplish the project.

We propose that the HSERC approve \$20,000 for this project; allocate \$15,000 from the HMEP Planning Grant and \$5,000 from the HEPCRA funds. We will proceed with this project once financial assurance is received.

Sincerely yours,

Clifford Ikeda, Chairperson

cc: HEER Office

COUNTY OF KAUAI



4396 RICE STREET 107 • LIHUE, HAWAII 96766
PHONE: (808) 241-6336 • FAX: (808) 241-6335
emops@koda.state.hi.us

November 17, 2000

Mr. Gary Gill
Hawaii State Emergency Response Commission
SOH – Department of Health
919 Ala Moana Blvd 206
Honolulu HI 96814-4912

Dear Mr. Gill,

The Kauai Local Emergency Planning Committee (LEPC) submits a \$20,000 proposal for consideration by the Hawaii State Emergency Response Commission (HSERC) for activities to update the Kauai LEPC Hazardous Materials Plan and to conduct a tabletop exercise.

There is a need for plan revisions and enhancements to ascertain compliance with the Emergency Planning and Community Right-to-know Act (EPCRA) and Chapter 128E- of the Hawaii Revised Statutes (HRS). After circulation of a "Notice For Professional Services", a committee selected Dixon Risk Services, Inc. out of Solvanag, CA. to accomplish the project.

We propose that the HSERC approve \$20,000 for this project; allocate \$15,000 from the HMEP Planning Grant and \$5,000 from the HEPCRA funds. We will proceed with this project once financial assurance is received.

Sincerely yours,

Clifford Ikeda, Chairperson

cc: HEER Office

Maui Local Emergency Planning Committee
200 Dairy Road
Kahului, HI 96732
Ph. (808) 242-1478 Fax. (808) 242-4479
Joseph Blackburn email: joeb@maui.net

Nov. 7, 2000

State of Hawaii
Department of Health/Heer Office
P.O. Box 3378
Honolulu, HI 96801
Attn: Curtis Martin

Dear Curtis,

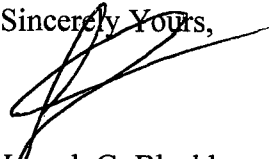
I would like to submit this letter as a request to access grant funds for planning in Maui County for 2000-2001 Fiscal Year:

\$4,500.00 for Facility Profile Planning

Scope:

The Maui LEPC needs to start the Facility Profile Planning Process. We would like to pay a private contractor to start the facility profiles under our direction for the hazmat facilities with the highest release consequences for our community. Please start the process that will allow this grant to be processed and approved.

Sincerely Yours,



Joseph G. Blackburn
320 Ekoa Place
Wailuku, HI. 96793
Ph. (808) 242-1478 Fax (808) 242-4479
Email: joeb@maui.net

Maui Local Emergency Planning Committee
200 Dairy Road
Kahului, HI 96732
Ph. (808) 242-1478 Fax. (808) 242-4479
Joseph Blackburn email: joeb@maui.net

Nov. 7, 2000

State of Hawaii
Department of Health/Heer Office
P.O. Box 3378
Honolulu, HI 96801
Attn: Curtis Martin

Dear Curtis,

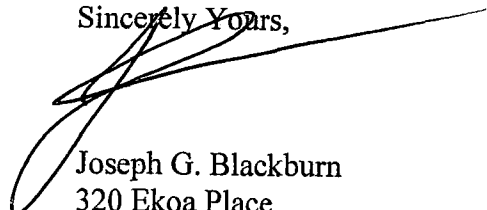
I would like to submit this letter as a request to access grant funds for planning in Maui County for 2000-2001 Fiscal Year:

\$4,500.00 for Laptop for On Scene Hazardous Consequence Analysis
Computer to be portable to allow use by R10 at a hazmat scene.
Quotation Included.

Scope:

The Grant hardware will be used by Rescue 10 as an onboard real-time laptop computer to allow access to hazardous materials planning and response data on scene using the ArcView GIS Program. . Real time information would then be available through Maui Fire Department. Mr. Medeiros has already started using GIS for Public Safety and Emergency Services. Consequence Assessment will be a large part of the program. Mr. Medeiros will be the person responsible for input of all data and lead for the grant program. Please start the process that will allow this grant to be processed and approved.

Sincerely Yours,



Joseph G. Blackburn
320 Ekoa Place
Wailuku, HI. 96793
Ph. (808) 242-1478 Fax (808) 242-4479
Email: joeb@maui.net

HAWAII COUNTY LOCAL EMERGENCY PLANNING COMMITTEE
c/o Hawaii State Department of Health
1582 Kamehameha Avenue
Hilo, Hawaii 96720

October 3, 2000

Hawaii State Emergency Response Commission
c/o Mr. Dennis Shimamoto
Hazard Evaluation and Emergency Response
Hawaii State Dept. of Health
919 Ala Moana Boulevard -- Room 206
Honolulu, Hawaii 96814

Members of the HSERC:

Enclosed is a copy of the bylaws that the Hawaii County Local
Emergency Planning Committee proposes to adopt. We request your
approval of these so that our LEPC can conduct its business in a
more orderly manner in the future.

Thank you very much for your consideration.

Sincerely,



John E. Bowen,
Chair, Hawaii County LEPC

RECEIVED
DEPARTMENT OF HEALTH
2000 OCT -4 A 11:28
HEER OFFICE

HAWAII COUNTY LOCAL EMERGENCY PLANNING COMMITTEE

BYLAWS

Article I. Name and Location

Section 1. The name of this body shall be the Hawaii County Local Emergency Planning Committee, hereinafter referred to as the Committee.

Section 2. The Committee shall be located in Hilo, Hawaii. The mailing address for the Committee shall be Hawaii County Local Emergency Planning Committee, c/o Hawaii State Department of Health, 1582 Kamehameha Avenue, Hilo, Hawaii 96720.

Section 3. The Mayor of Hawaii County, hereinafter referred to as the Mayor, may change the principal office location within Hawaii County.

Article II. Purposes and Responsibilities

Section 1. The purposes of this Committee are to develop and maintain a hazardous materials emergency response plan in compliance with the Emergency Planning and Community Right-to-Know Act (EPCRA) for Hawaii County, hereinafter referred to as the Plan.

Section 2. The duties of this Committee are as follows:

A. To review the Plan annually, and to revise it, as may be necessary. [Imp. 42 U.S.C.A. §11003(a)]

B. To evaluate the need for resources to develop, implement, and exercise the Plan, and to make recommendations with respect to additional resources that may be required and the means for providing such additional resources. [Imp. 42 U.S.C.A. §11003(b)]

- C. To receive follow-up emergency notifications for Hawaii County. [Imp. 42 U.S.C.A. §11004(c)]
- D. To organize and to maintain all EPCRA data that is reported to the Committee. This includes, but is not limited to, the Tier Two forms, material safety data sheets, facility site maps, and written notifications of releases.
- E. To reply to all public inquiries regarding EPCRA information and the Plan. [Imp. 42 U.S.C.A. §11022(e)(3); [Imp. 42 U.S.C.A. §11044(a)]
- F. To publish annually in the local newspaper(s) the availability and location of Tier Two Inventory Forms, material safety data sheets. and the Plan. [Imp. 42 U.S.C.A. §11044(4)]

Section 3. The Hawaii County Civil Defense will be empowered by the Committee to implement the Plan under emergency conditions.

Article III. Membership

Section 1. The original list of members was submitted by the Mayor of Hawaii County to the Hawaii State Emergency Response Commission (HSERC). Subsequent changes in the membership will be made by written notice from the Chairperson of the Committee to the Chairperson of the HSERC.

Section 2. Each member shall be entitled to one (1) vote at annual or special meetings. All voting members shall be entitled to receive appropriate publications, attend meetings, and shall be entitled to participate in all other activities accrued by members.

Section 3. Currently designated members of the Committee are listed in Attachment 1.

Article IV. Officers

- Section 1. The Committee shall elect a Chairperson and a Vice Chairperson from its membership. [Auth. 42 U.S.C.A. §11001(c)]
- Section 2. The Chairperson shall serve as Coordinator, or designate another member to do so. [Imp. 42 U.S.C.A. §11001(c)]
- Section 3. The Chairperson shall preside over all general meetings, exercise general supervision over the affairs of the Committee, and appoint a Chair for each sub-committee as may be established.
- Section 4. If the Chairperson is absent, or if the position should become vacant by unforeseen circumstances, the Vice Chairperson shall preside over the affairs of the Committee.

Article V. Meetings

- Section 1. Meetings of the Committee shall be held at least annually at a time and place to be determined by the Chairperson. Notice of the meetings shall be sent by mail to all members at least ten (10) days prior to the meeting. A written agenda shall accompany all meeting notices.
- Section 2. A quorum of the voting members or their pre-designated alternates shall be present to conduct business.
- Section 3. Special meetings of the Committee may be held at the call of the Chairperson.
- Section 4. The meeting agenda will be posted at the County Clerk's Office six (6) calendar days before each meeting.

Article VI. Sub-Committees

- Section 1. There shall be four (4) standing Sub-Committees:

- A. The responsibilities of the Planning Sub-Committee shall include, but not be limited to:
 - 1. Developing and maintaining the Plan.
 - 2. Updating the resource list for the response and mitigation of a hazardous material incident.

- B. The responsibilities of the Community Awareness/Right-to-Know Sub-Committee shall include, but not be limited to:
 - 1. Establishing guidance for public education and communication with the news media.
 - 2. Promoting EPCRA awareness in the community.
 - 3. Requesting and maintaining information required by EPCRA.
 - 4. Processing all requests from the public for EPCRA information. Fees for duplicating records shall be levied in accordance with Hawaii State rules.

- C. The responsibilities of the Legislative Sub-Committee shall include, but not be limited to:
 - 1. Evaluating present laws and ordinances regarding hazardous materials.
 - 2. Proposing legislation concerning hazardous materials releases.

- D. The responsibilities of the Hazard/Vulnerability Analysis Sub-Committee shall include, but not be limited to:
 - 1. Collect and maintain Tier Two Forms as submitted by facilities.

2. Creating a risk map and defining vulnerability zones around facilities.

3. Identifying vulnerable facilities within the vulnerable zone.

Section 2. Each Sub-Committee shall have two Co-Chairs appointed by the Chairperson.

Section 3. Members of each Sub-Committee shall be appointed by the Chairperson. The current Sub-Committee members are listed in Attachment 2.

Section 4. The Chairperson can appoint members of the Committee to special Sub-Committees or groups as needed.

Article VII. Rules of Order

Section 1. In all matters not otherwise prescribed herein, procedure shall be governed by Robert's Rules of Order.

Article VIII. Amendments

Section 1. These bylaws may be amended or repealed by a majority vote of the members.

ADOPTED

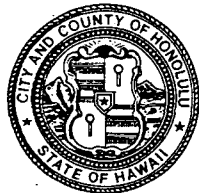
2 October 2000
(Date)



(Chairperson)

HONOLULU LOCAL EMERGENCY PLANNING COMMITTEE
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET • HONOLULU, HAWAII 96813
PHONE: (808) 523-4121 • FAX: (808) 524-3439



JEREMY HARRIS
MAYOR

CHAIR
CARTER DAVIS

COORDINATOR
LELAND NAKAI

September 13, 2000

Mr. Gary Gill
Hawaii State Emergency Response Commission
Hawaii State Department of Health
919 Ala Moana Blvd., Room 206
Honolulu, Hawaii 96814-4912

Dear Mr. Gill:

The Honolulu Local Emergency Planning Committee (LEPC) is submitting a proposal for consideration by the Hawaii State Emergency Response Commission (HSERC) to update the Honolulu LEPC Hazardous Materials Response Plan. This plan update is in accord with paragraph 5(f)(2) of HRS 128E and the Memorandum of Agreement between the HSERC and the LEPCs.

We will be reviewing and updating our entire plan this year, and require assistance in updating the hazard assessment portion of the plan due to the complexities involved in these analyses. We expect that this hazard assessment update may take several years due to the number of facilities and chemicals on Oahu, and are therefore focusing only on several chemicals (chlorine, anhydrous ammonia, propane and liquid petroleum gas) for the first installment of the update.

A Request For Proposal (enclosure) for the first installment of the hazard assessment portion of the plan was sent to three vendors in July. We received two proposals for \$29,000 and \$29,750, respectively, to accomplish the project.

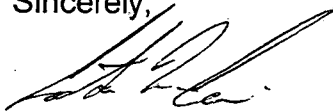
Our proposal is that the HSERC approve \$30,000 for this project, and encumber \$6000 of HEPCRA funds to allow the allocation of \$24,000 from the HMEP Planning Grant. Once we gain approval of this project, a review committee will be convened to select the best proposal.

Mr. Gary Gill
September 13, 2000
Page 2

We believe that this project will be an important first step in the development of the Honolulu LEPC plan into a comprehensive document for emergency response and planning, and we will be available at the next meeting of the HSERC to discuss our proposal.

Please contact me or Mr. Leland Nakai, LEPC Coordinator, at 527-5397 if you have any questions or require further information.

Sincerely,

A handwritten signature in black ink, appearing to read "Carter Davis", written over a horizontal line.

Carter Davis
Chair, Honolulu LEPC

Enclosure

cc: HEER Office

Request for Proposal to prepare a Hazard Assessment Attachment to the Hazardous Materials Response Plan, Appendix 6 to Annex S, City and County of Honolulu Emergency Operations Plan

Description: The Hazard Assessment portion of the City and County of Honolulu Hazardous Materials Response Plan is to be rewritten to provide a current assessment of off-site risks associated with several hazardous chemicals. The preparation of this Hazard Assessment Attachment is being done under contract from a federal grant. This project will utilize hazard assessment guidelines contained in the EPA Risk Management Program (RMP) and will reflect current hazardous material preparedness, prevention and response regulations. The completed attachment will become part of the Hazardous Materials Response Plan, Appendix 6 to Annex S of the City and County of Honolulu Emergency Operations Plan, and will also serve as the Honolulu Local Emergency Planning Committee (LEPC) Plan.

Outline of Work: The contractor shall perform the work outlined below:

- Prepare hazard assessments for chlorine, anhydrous ammonia, propane and liquid petroleum gas for the City and County of Honolulu, as further described below.
- Hazard assessments will be based on Hawaii Emergency Planning & Community Right-to-Know Act (HEPCRA) reporting quantities as maintained by the State Department of Health (DOH) Hazard Evaluation and Emergency Response (HEER) Office for Oahu facilities.
- Hazard Assessments will be prepared using the EPA RMP guidelines, and will include, but not be limited to, maps depicting Worst Case and Alternative Release Scenarios.
- Hazard Assessments will be consistent with those contained in the Campbell Local Emergency Action Network Emergency Resources Guide for Businesses in Campbell Industrial Park (CIP).
- For Fixed Facilities:
 - Prepare off-site hazard assessments for Oahu reporting facilities, excluding those in CIP, and the Port of Honolulu.
- For Transportation Sources:
 - Prepare hazard assessments along the primary road transportation routes between the port of entry and all reporting facilities.
 - Prepare a hazard assessment for the Gasco Synthetic Natural Gas main transmission pipeline from CIP to its end point.
- Consolidate these hazard assessments into a stand alone document, formatted similarly to the Hazardous Materials Response Plan, Appendix 6 to Annex S of the City and County of Honolulu Emergency Operations Plan.

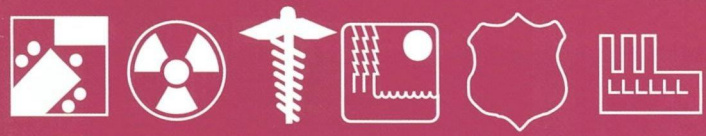
- Coordinate with the Chair or Coordinator of the Honolulu LEPC.
- Contractor will attend LEPC meeting to review attachment and incorporate changes into the final product.
- Provide two copies of the draft attachment for LEPC review.
- After final review and approval, submit a camera ready attachment along with computer disk copy compatible with LEPC office software and hardware.
- First draft is due December 15, 2000, with final due March 15, 2001.

MILLENNIUM
2000



Focus On The Frontline

11-15 DECEMBER, 2000



M2K HazMat Explo 2000

The Orleans Hotel & Casino
Las Vegas, Nevada

www.hazmatexplo.org

Welcome to M2K HazMat

Greetings!

Let me be the first to welcome you to the M2K HazMat Expo 2000! This is our fourth year, and we believe we've produced a program that will provide tremendous benefit to you and your organization.

We began the Millennium 2000 HazMat Expo four years ago with one goal in mind - to provide state-of-the-art hazardous materials instruction to people who may otherwise not have access. From this early beginning it was made clear to us that we needed to broaden our vision to include other disciplines that are intricately linked. We had individuals with LEPCs asking for a little more detail here and first responders asking for perhaps more focus on this "other" issue. After carefully considering each and every request, we have developed this year's program.

Below are the six color-coded tracks for the conference: Environmental, First Responder, Industrial, LEPC, Medical and Radiological. You'll also see who will benefit from each track as well as what they will

learn during the course of the conference. We've worked hard to provide world-class instruction at a reasonable price. You'll see that our conference registration fee is only \$95 - the same price as last year. We've also worked with The Orleans Hotel & Casino to offer very competitive room rates.

Our web presence has been expanded this year by providing the entire conference brochure online, as well as biographies of our various speakers and class synopsis. We'll continue updating the website until the conference begins, so you can check in from time to time to see additional information we have received and would like to pass on to you. I would also encourage you to enter your e-mail address so we can keep you informed via e-mail.

We're contacting vendors who have products and services that solve our technical problems and just make our lives a little easier. With a vendor reception on Wednesday night and lunch the following day, you will have ample time to meet with the vendors and have them answer the questions that are most impor-

Environmental

Who Should Attend:

- Environmental health and safety managers
- Emergency managers
- Interested public
- Private industry

What You'll Learn:

- An overview of the various interactions that may occur when dealing with environmental problems.
- Spill reporting requirements in the state of Nevada.
- The increasing problem of pharmaceuticals in our groundwater.
- Movement of aqueous phase liquids underground.
- Liability issues in relation to emergency management.

First Responder

Who Should Attend:

- Law enforcement
- Firefighters
- Emergency medical technicians
- HazMat technicians

What You'll Learn:

- The fundamentals of weapons of mass destruction (WMD).
- Operational Issues in WMD emergencies.
- Command structure and control during WMD incidents.
- Varying levels of protection needed when dealing with hazardous materials.
- Dealing with clandestine drug labs.

Industrial

Who Should Attend:

- Industrial safety managers
- Governmental agency officials
- Emergency managers

What You'll Learn:

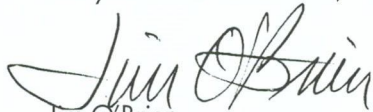
- Safety and health decision-making for managers.
- Learn about on-site incident command and how it coordinates with industry.
- Scenarios involving industrial hazardous materials accidents.
- How to audit your CAPP/RMP program.
- Handling your electroplating processing and cleanup responsibilities.

at Explo!

tant to you. In the past, we have had many outstanding companies represented, and this year will be no exception. If you are a company that would like to exhibit, give Brent DeCracker a call at (702) 454-2228. He'll be happy to answer your questions and help you reach over 400 hazardous materials professionals.

Please take a few moments to read this brochure. Visit our website at www.hazmatexplo.org. If you have questions, give me a call at (702) 455-5710 or email me at hazmat2000@destinationmm.com. I'm confident that you will find something that will help you do your job more effectively.

See you at the conference,

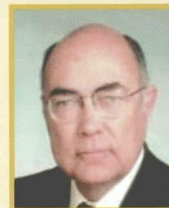


Jim O'Brien

M2K HazMat Explo Conference Coordinator

NEPA Award Honoree

Senator Raymond D. Rawson is this year's Nevada Emergency Preparedness Association (NEPA) award winner. Each year NEPA chooses an individual who has worked to advance the cause of emergency preparedness throughout the state of Nevada. Past honorees have included State Representative Joseph Dini, Director of Clark County Emergency Management Bob Andrews, and State Senator Lawrence Jacobsen. This year's honoree joins a group of people that have definitely made a difference not only in their respective communities, but also in the state of Nevada.



NEPA Award Honoree
State Senator Raymond D. Rawson

New This Year:

Yucca Mountain Tour
Tuesday, December 12

Process Hazards Analysis
for Team Leaders Course
Monday, December 11 – Wednesday, December 13

LEPC

Who Should Attend:

- Current and prospective LEPC, TERC and SERC members
- Emergency managers
- Private Industry

What You'll Learn:

- The fundamentals of CHER-CAP.
- What to do with those RMPs.
- Developing and utilizing a hazmat business plan.
- Building cooperation between public and private agencies.
- Protecting the public during chemical emergencies.
- The effectiveness of sheltering-in-place.
- The basics of NFIRS reporting.
- Effective communication with the public during emergencies.

Medical

Who Should Attend:

- Hospital managers
- EMT / EMS personnel
- Emergency room practitioners

What You'll Learn:

- How the hospital emergency incident command system can effectively work.
- Treatment of the patient exposed to hazardous materials.
- Emergency decontamination in the hospital setting.
- Hazardous materials sampling techniques and chain of custody issues.

Radiological

Who Should Attend:

- Emergency managers
- First responders
- Law enforcement

What You'll Learn:

- Emergency response training for dealing with radioactive materials.
- Dealing with radiation accident victims before reaching the hospital.
- Radiological basics and the effects of radiation on the body.
- Initial response to radiological accidents.
- An overview of Department of Energy response capabilities as well as various state radiological programs.
- Resource coordination.
- Response to an accident involving waste isolation pilot plant materials.
- Plans for the transportation of radioactive materials.

Pre-Conference Training

Monday, December 11, 2000

8am	National Association of SARA Title III Program Officers Mid-year Meeting	Modular Emergency Response Radiological Training (MERRT) Train the Trainer - Day 1 Jim Price Tom Clawson Dawn Woods DOE Hammer Project Office	Safety and Health Decision-Making for Managers - Day 1 Bob Carson Richard Brophy Tetrattech NUS Emergency Response Institute	Radiation Emergency Assistance Center / Training Site (REAC/TS) Steve Sugarman Ronald Goans Mark Hart REAC/TS	HazCat: Day 1 Concepts and Basics Walter Sweet HazTech Systems Inc. Note: This class is limited to the first 20 attendees, and is filled on a first-come, first-served basis.
9am					
10am					
11am					

Noon

1pm	National Association of SARA Title III Program Officers Mid-year Meeting	Modular Emergency Response Radiological Training (MERRT) Train-the-Trainer - Day 1 Jim Price Tom Clawson Dawn Woods DOE Hammer Project Office	Safety and Health Decision-Making for Managers - Day 1 Bob Carson Richard Brophy Tetrattech NUS Emergency Response Institute	Radiation Emergency Assistance Center / Training Site (REAC/TS) Steve Sugarman Ronald Goans Mark Hart REAC/TS	HazCat: Day 1 Concepts and Basics Walter Sweet HazTech Systems Inc.
2pm					
3pm					
4pm					

Evening

Note:

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Pre-Conference Course Synopsis

Monday, December 11, 2000

National Association of SARA Title III Program Officers Mid-Year Meeting

8:00 am to 11:30 am	FY2001 Program Development Atlanta, Georgia Conference NASTPO Board
11:30 am to 1:00 pm	Lunch On Your Own
1:00 pm to 2:00 pm	Hazardous Materials Emergency Preparedness Planning and Training (HMEP) Grants Update Charles Rogoff - USDOT
2:00 pm to 2:30 pm	Break
2:30 pm to 3:30 pm	2000 Guidelines Curriculum Updates Bill Lewis - FEMA
3:30 pm to 4:00 pm	Break
4:00 pm to 5:00 pm	Native American/State Coordination Forum Daniel Rowe AZ SERC Executive Director President, NASTPO
5:00 pm to 5:30 pm	Discussion / Adjournment

Radiation Emergency Assistance Center / Training Site (REAC/TS) Training Agenda

Steve Sugarman, Dr. Ronald Goans and Mark Hart
REAC/TS

8:00 am to 8:15 am	Introduction
8:15 am to 9:00 am	Scope of the Problem
9:00 am to 9:30 am	Human Radiation Biology
9:30 am to 9:45 am	Break
9:45 am to 10:15 am	Acute Radiation Injury - Whole Body
10:15 am to 10:45 am	Acute Radiation Injury - Localized
10:45 am to 11:15 am	Internal Contamination
11:15 am to 12:00 pm	Modifying Disaster Plans (Panel Discussion)
12:00 to 1:00 pm	Lunch
1:00 pm to 1:45 pm	Emergency Room Management of Radiation Accident Victims
1:45 pm to 2:15 pm	Hospital Management of Radiation Accident Victims (Video)
2:15 pm to 2:30 pm	Break
2:30 pm to 3:30 pm	Hospital Decontamination Procedures (Demonstration)
3:30 pm to 4:00 pm	DOE Emergency Response Assets (Video)
4:00 pm to 4:15 pm	Question and Answer Session
4:15 pm to 4:30 pm	Course Conclusion

Modular Emergency Response Radiological Training (MERTT) - Train-the-Trainer: Day 1

Jim Price, Tom Clawson and Dawn Woods
DOE Hammer Project Office

This course is designed to meet the needs of trainers in familiarizing first responders with the hazards presented by a radiological transportation accident. The course CD ROM includes all of the materials required to support the instructor in conducting a successful training session for fire, medical, and law enforcement personnel. The CD ROM includes the Instructor Guide, Instructional Viewgraphs for each module, a Student Manual, and self study exams. The sixteen modules constitute several separate courses intended to address the needs for awareness, operational, and technician level training, as well as specialized training for the Incident Commander and Public Information Officer.

The intended audience for this class is first responder trainers who are looking for radiological training materials which can be incorporated into their training program. The objective of the class is to familiarize personnel with the Instructional Materials and Course Content.

Safety and Health Decision-Making for Managers: Day 1

Bob Carson and Richard Brophy
Tetrattech NUS

This is an advanced safety course for personnel who develop, manage, or supervise health and safety programs for employees working at hazardous waste sites or treatment, storage, and disposal facilities.

HazCat: Day 1 Concepts and Basics Walter Sweet HazTech Systems, Inc.

All classes are taught in a hands-on manner. In Day 1, the students learn the basics of the Haztech System. They will learn to use the two main flow charts, liquids and solids, how to perform the various tests, how to use the glassware and reagents in the kit. The students will also identify approximately 15 unknowns in this class.

Emphasis will be on learning to handle toxic and reactive chemicals safely. A knowledge of chemistry is helpful, but is not essential to operate the HazCat kit properly. Students will learn the safety procedures and proper techniques used in identifying unknowns. All unknowns in this session are found on the two main flow charts, liquids and solids.

Additional Educational Programs - Dec. 11 - Dec. 13

Process Hazard Analysis for Team Leaders

This course provides participants with technical and facilitating skills required to successfully plan and execute a PHA study. Revalidation of PHA studies is also covered. The target audience includes PHA team leaders; team members; environmental, health, and safety professionals; supervisors; engineers and others expected to lead or participate in PHA studies or use PHA methodologies. This offering is ideal for companies interested in developing in-house PHA leadership skills. Course participants obtain a certificate to demonstrate compliance with OSHA 29 CFR § 1910.119(e) and EPA 40 CFR Part 68 standards.

Program benefits include:

- Ability to effectively organize a PHA team, prepare for a study, and determine appropriate PHA methodology, scope, and study objectives
- Practice in serving as team leader for PHA studies
- Ability to properly document a PHA study, produce a PHA report, and manage the recommendations generated by the study
- Knowledge of Windows®-based computer software program for organizing, leading, and documenting PHAs

This course is being delivered by Azutech, Inc., one of the leading trainers for industry and regulators. There will be an extra charge of \$595 for this three-day class.

Pre-Conference Training

Tuesday, December 12, 2000

8am	EPA Region IX Conference	Modular Emergency Response Radiological Training (MERTT) Train-the-Trainer - Day 2 Jim Price Tom Clawson Dawn Woods DOE Hammer Project Office	Safety and Health Decision-Making for Managers - Day 2 Bob Carson Richard Brophy Tetrtech NUS Emergency Response Institute	Emergency Decontamination in the Hospital Setting Stan "Skeet" Dickenson HazMat DQE	HazCat: Day 2 System Expansion and Inorganics Walter Sweet HazTech Systems Inc. Note: This class is limited to the first 20 attendees, and is filled on a first-come, first-served basis. Attendees must have attended HazCat Day 1 course.	
9am						
10am				Treatment of the Bio Patient Bruce Evans Henderson, Nevada Fire Department		
11am				Treatment of the Chem Patient Bruce Evans Henderson, Nevada Fire Department		

Noon

1pm	EPA Region IX Conference (Continued...)	Modular Emergency Response Radiological Training (MERTT) Train-the-Trainer - Day 2 (Continued...) Jim Price Tom Clawson Dawn Woods DOE Hammer Project Office	Safety and Health Decision-Making for Managers - Day 2 (Continued...) Bob Carson Richard Brophy Tetrtech NUS Emergency Response Institute	Emergency Decontamination in the Hospital Setting (R) Stan "Skeet" Dickenson HazMat DQE	HazCat: Day 2 System Expansion and Inorganics (Continued...) Walter Sweet HazTech Systems Inc.	
2pm						
3pm				Treatment of the Bio Patient (R) Bruce Evans Henderson, Nevada Fire Department		
4pm				Treatment of the Chem Patient (R) Bruce Evans Henderson, Nevada Fire Department		

Evening

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Visit our website at www.hazmatexplor.org for the most up-to-date information...

Pre-Conference Course Synopsis

Tuesday, December 12, 2000

U.S. EPA Pacific Southwest (Region IX) Conference

Chemical Emergency Prevention and Preparedness (CEPP) Program

- 9:00 am to 9:15 am Welcome and Opening Remarks
- 9:15 am to 10:15 am U.S. Department of Transportation
HMEP Grant Program
Charles Rogoff
- 10:30 am to 11:45 am EPCRA Survey Final Results and Discussion
- 11:45 am to 1:00 pm Lunch
- 1:00 pm to 1:45 pm EPA CEPP Program Update
from Washington, D.C. (Headquarters)
- 1:45 pm to 2:30 pm EPA CEPP Program Update
from San Francisco (Regional Office)
- 2:45 pm to 4:00 pm Pacific Southwest SERCs/LEPCs/TERCs
Informational Roundtable
- Optional Session**
- 4:00 pm to 5:00 pm Orientation / Refresher:
SERC and LEPC Members Roles and Responsibilities



Modular Emergency Response Radiological Training (MERTT) - Train the Trainers: Day 2

Jim Price, Tom Clawson and Dawn Woods
DOE Hammer Project Office

This course is designed to meet the needs of trainers in familiarizing first responders with the hazards presented by a radiological transportation accident. The course CD ROM includes all of the materials required to support the instructor in conducting a successful training session for fire, medical, and law enforcement personnel. The CD ROM includes the Instructor Guide, Instructional Viewgraphs for each module, a Student Manual, and self study exams. The sixteen modules constitute several separate courses intended to address the needs for awareness, operational, and technician level training, as well as specialized training for the Incident Commander and Public Information Officer.

The intended audience for this class is first responder trainers who are looking for radiological training materials which can be incorporated into their training program. The objective of the class is to familiarize personnel with the Instructional Materials and Course Content.

Safety and Health Decision-Making for Managers: Day 2

Bob Carson and Richard Brophy
Tetrattech NUS

This is an advanced safety course for personnel who develop, manage, or supervise health and safety programs for employees working at hazardous waste sites or treatment, storage, and disposal facilities.

Emergency Decontamination in the Hospital Setting

Stan "Skeet" Dickenson
HazMat DOE

This quick-paced two hour session will give hospital responders an overview of the essentials to implement a hospital-based emergency decontamination program. Topics will include the amount of training required, types of decontamination equipment, personal protective equipment requirements, and procedural activity for both portable and permanent decontamination facilities.

Treatment of the Bio Patient

Bruce Evans
Henderson, Nevada Fire Department

Note: Information not available at press time - please see visit www.hazmatexplo.org for the most recent information.

Treatment of the Chem Patient

Bruce Evans
Henderson, Nevada Fire Department

Note: Information not available at press time - please see visit www.hazmatexplo.org for the most recent information.

HazCat: Day 2 Expansion and Inorganics

Walter Sweet
HazTech Systems, Inc.

Day 2 is the start of the system expansion. During this session the students learn how to use the sequential and the sub charts or find answers for reaction not listed on the two main flow charts. This expands the users capability to identify unknown materials tremendously. In Day 2, the students also study unusual reactions, inorganics and inert materials. Pure water, one of the most difficult materials to identify is studied in this session. Emphasis will be on the Char Complex of Tests and mixtures which are introduced in this session.

M2K HazMat Explo Thanks Our Sponsors...

Clark County Local Emergency Planning Committee
Nevada Emergency Response Commission
Nevada Association of Counties • Nevada League of Cities
Clark County Fire Department • Nevada Division of Emergency Management
Community Awareness & Emergency Response (CAER of Southern Nevada)
US Federal Emergency Management Agency
US Department of Transportation • US Department of Energy
US Environmental Protection Agency • Nevada Division of Environmental Protection

Conference Track Schedule

Wednesday, December 13, 2000

	Environmental	Radiological	First Responder	LEPC
8am	Keynote: State Senator Raymond D. Rawson NEPA Award Honoree Gary Rohen National Domestic Preparedness Office			
9am				
10am	Stakeholder Analysis for Environmental Problem Solving Dr. Krystyna Stave University of Nevada, Las Vegas	REAC/TS: Pre-Hospital Management of Radiation Accident Victims Steve Sugarman, Ronald Goans & Mark Hart REAC/TS	Weapons of Mass Destruction Awareness Steve Herman Arizona Department of Public Safety	Comprehensive HazMat Emergency Response Capability Assessment Program (CHERCAP) Tessa Badua-Larson U.S. FEMA John Bergman Lake Havasu Fire Department Ken Stewart EENET - U.S. FEMA Michael Ardito U.S. EPA Region 9
11am		REAC/TS: Patient Packaging and Pre-Hospital Care Steve Sugarman, Ronald Goans & Mark Hart REAC/TS		
Noon				
1pm	Brownfields Connie Lewis Nevada Division of Environmental Protection	MERTT: Radiological Basics Jim Price, Tom Clawson, Dawn Woods DOE Hammer Project Office	Weapons of Mass Destruction Operations Steve Herman Arizona Department of Public Safety	What To Do With These Risk Management Plans Mark Scott National Institute for Chemical Studies
2pm	State of Nevada Spill Reporting Scott Smale Nevada Division of Environmental Protection	MERTT: Biological Effects Of Ionizing Radiation Jim Price, Tom Clawson, Dawn Woods DOE Hammer Project Office		HazMat Business Plan Steve Bixler San Diego Fire Department
3pm	Pharmaceuticals in Groundwater Dr. Ralph Sieler U.S. Geological Survey	MERTT: Radiological Hazard Recognition Jim Price, Tom Clawson, Dawn Woods DOE Hammer Project Office		Cooperation: A Model for Building Public Confidence Amy McLeod, Steve Tsumura, Carolin Keith, Kenneth Hall, Sally Siemak So. Cal. CAER Group
4pm		MERTT: Initial Response Actions For Radiological Accidents Jim Price, Tom Clawson, Dawn Woods DOE Hammer Project Office		Protecting the Public During Chemical Emergencies Mark Scott National Institute for Chemical Studies
Evening				

Note:

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Visit our website at www.hazmatexplor.org for the most up-to-date information...

Conference Track Schedule

Wednesday, December 13, 2000

Industrial	Medical: Hospital	Medical: EMS	Ongoing Training	
Keynote: Senator Raymond D. Rawson NEPA Award Honoree Gary Rohen National Domestic Preparedness Office	The Hospital Emergency Incident Command System and HazMat Jim Miller Washoe Medical Center	Bioterrorism / B-NICE Agents Bruce Evans Henderson, Nevada Fire Department	HazCat: Day 3 Mixtures Walter Sweet HazTech Systems Inc. Note: This class is limited to the first 20 attendees, and is filled on a first-come, first-served basis. Attendees must have attended HazCat Day 2 course.	8am
				On-Site Incident Command For Industry David Einolf URS Corporation
				10am
				11am
				Noon

Industrial Emergency Response Modeling Don Abbott Command Emergency Response Training	Sampling Techniques and Chain of Custody Protocols at WMD Incidents Harry Cusick University of Pennsylvania	Signs, Symptoms, and Treatment of the Chem/Bio Patient Joe Heck Casualty Care Research Center	HazCat: Day 3 Mixtures (Continued) Walter Sweet HazTech Systems Inc.	1pm
	Clark County Local Emergency Planning Committee Meeting			Bio-Terrorism Hospital Response Joe Heck Casualty Care Research Center
				4pm
				Evening

Conference Course Synopsis

Wednesday, December 13, 2000

Tracks Environmental

Stakeholder Analysis for Environmental Problem Solving

Dr. Krystyna Stave
University of Nevada, Las Vegas

Environmental problems commonly involve multiple stakeholders with different views about how to solve the problem, how to characterize the problem, or even whether a problem exists at all. This diversity of views is often overlooked by agencies who design regulatory "carrot and stick" solutions. Stakeholders frustrated with this approach have called for more proactive approaches that account for multiple perspectives. This workshop presents a framework for examining the way different stakeholders view an environmental problem, and explores this framework as a basis for designing more collaborative solutions.

Brownfields

Connie Lewis
Nevada Division of Environmental Protection

Note: Information not available at press time - please see visit www.hazmatexplo.org for the most recent information.

State of Nevada Spill Reporting

Scott Smale
Nevada Division of Environmental Protection

Note: Information not available at press time - please see visit www.hazmatexplo.org for the most recent information.

Pharmaceuticals in Ground Water

Dr. Ralph Seiler
U.S. Geological Survey

Thousands of tons of pharmacologically active compounds, including drugs and personal care products, are used annually in the United States by humans and, ultimately, are discharged in household wastewater. Large amounts of drugs, including antibiotics, hormones, and antiparasitics are also used in animal farming and are discharged to the environment in the animal waste. These drugs and their metabolites may resist degradation in wastewater treatment systems, and recently several drugs have been found in surface and ground water contaminated by sewage effluent and animal waste.

Tracks Radiological

REAC/TS - Pre-Hospital Management of Radiation Accident Victims

Steve Sugarman, Ronald Goans, and Mark Hart
REAC/TS

The objective of this class is to provide the first responder with an understanding of basic radiological concepts such as Radiation, Radioactivity, Contamination, and to identify common sources of radioactive materials.

REAC/TS - Patient Packaging and Pre-Hospital Care

Steve Sugarman, Ronald Goans, and Mark Hart
REAC/TS

The objective of this class is to provide the first responder with an understanding of basic radiological concepts such as Radiation, Radioactivity, Contamination, and to identify common sources of radioactive materials.

MERTT - Radiological Basics

Jim Price, Tom Clawson, and Dawn Woods
DOE Hammer Project Office

The objective of this class is to provide the first responder with an understanding of basic radiological concepts such as Radiation, Radioactivity, Contamination, and to identify common sources of radioactive materials.

MERTT - Biological Effects of Ionizing Radiation

Jim Price, Tom Clawson, and Dawn Woods
DOE Hammer Project Office

The objective of this class is to provide the first responder a basic understanding of the biological effects resulting from radiation exposure. The class will discuss the hazards associated with both short term and long term exposures, identify the various pathways for radioactive materials to enter the body, and identify the potential health effects resulting from various types of radiation exposure.

MERTT - Radiological Hazard Recognition

Jim Price, Tom Clawson, and Dawn Woods
DOE Hammer Project Office

This class emphasizes Class 7 Hazardous Materials and has been designed to enhance the first responders understanding of warning labels and placards used for packaging and shipping radioactive

materials. Objectives of the class are to identify markings on packages used to transport radioactive materials, identify labels used in packaging radioactive materials, and to identify placards used on radioactive material shipments.

MERTT - Initial Response Actions for Radiological Accidents

Jim Price, Tom Clawson, and Dawn Woods
DOE Hammer Project Office

This class provides information about initial response actions at the scene of a radioactive material accident. It covers the use of the (North American) Emergency Response Guide (NAERG) and identification of medical priorities. Specific objectives include; discussing initial response actions, locating appropriate guidance in the NAERG, identifying actions to isolate and control an incident scene and prioritizing medical care, and discussing medical priorities at a radioactive material incident versus incidents involving other hazardous materials.

Tracks First Responder

Weapons of Mass Destruction Awareness

Steve Herman
Arizona Department of Public Safety

Introduction to Weapons-of-Mass-Destruction incident response. The terrorist threat, federal assistance, basic characteristics of military chemical & biological warfare agents, radioactive materials. Commercial chemicals characteristics, and use of the newly updated U.S. DOT 2000 Emergency Response Guidebook.

Weapons of Mass Destruction Operations

Steve Herman
Arizona Department of Public Safety

Detection instruments & Edgewood Arsenal test report, personal protective equipment, Tennessee psychogenic illness incident report, simulated downwind prediction exercise, Centers for Disease Control & National Domestic Preparedness Office guidance for anthrax threats, dissemination devices, decontamination, improvised explosives devices, explosive device evidence recovery, review of chemical & biological agent characteristics.

Tracks LEPC

Comprehensive HazMat Emergency Response Capability Assessment Program (CHERCAP)

Tessa Badua-Larson
US FEMA
John Bergman
Lake Havasu Fire Department
Ken Stewart
EENET - FEMA
Michael Ardito
US EPA Region 9

CHER-CAP - The Comprehensive HazMat Emergency Response-Capability Assessment Program uses the skills and resources of local, State, Tribal and federal governments and industry to identify and address local jurisdictions' HazMat preparedness needs to enhance their emergency capability. This program will assist communities to identify opportunities for plan revisions, communication and resource shortfalls, improve coordination, clarify roles and responsibilities, test plans and systems in a comprehensive, full scale exercise.

What to Do With These Risk Management Plans

Mark Scott
National Institute for Chemical Studies

Risk Management Plans provide communities with a powerful tool to enhance community safety. This presentation will examine how RMPs can be used to enhance emergency response, encourage risk reduction, and promote community dialogue. Case studies will be used to share "best practices" that offer opportunities for any community facing chemical risk issues.

HazMat Business Plan

Steve Bixler
San Diego Fire Department

Note: Information not available at press time - please see visit www.hazmatexplo.org for the most recent information.

Cooperation: A Model for Building Public Cooperation

Amy McLeod, Steve Tsumura, Carolin Keith, Kenneth Hall, and Sally Siemak
Southern California C.A.E.R. Group

In the South Bay region of Los Angeles, Risk Management Plans (RMP's) could have merely been the fulfillment of a regulatory requirement. Instead, the roll-out of RMP's became a model of a cooperative effort extending beyond mere factual presentations. This cooperative effort demonstrated how public agencies, competing industries, local CAER organizations and diverse communities could pro-actively achieve a common goal of enhancing public confidence. This effort

Conference Course Synopsis

Wednesday, December 13, 2000

was successful, achieving synergistic results, by providing tangible value to all participants as well as the community-at-large.

The next logical step has been to answer the questions "How are we to be notified?" and "What should we do?" allowing this model to again be tested as Emergency Notification Systems and Shelter-in-Place concepts are introduced to the public.

Come and learn how to foster similar cooperative efforts between your agencies, industry and the community.

Protecting the Public During Chemical Emergencies

Mark Scott
National Institute for Chemical Studies

Communities all across the U.S. face risks from chemical and other hazardous materials emergencies. While much attention has been focused on fixed facilities, many more communities face the potential of accidental releases of hazardous materials from transportation accidents. Both types of accident scenarios emphasize the importance of emergency preparedness.

Since 1988 the National Institute for Chemical Studies (NICS) has worked to improve our understanding of how communities might best protect the public in the event of such emergencies. In October, 1999 NICS convened a national conference in California to review progress in protective actions, with a special focus on sheltering-in-place. This presentation will focus on the key learnings from the 1999 conference, and on issues which still need to be addressed.

Industrial

On-Site Incident Command for Industry

David Einolf
URS Corporation

Emergency response to hazardous materials incidents at industrial facilities differs from all other emergency responses and all other hazardous materials responses. OSHA's HAZWOPER rules (29 CFR 1910.120(q)) place specific responsibilities on facility personnel who are responsible for developing, training, maintaining, and deploying HazMat personnel.

This session will provide a brief overview of the requirements for the HAZWOPER Incident Commander, including:

- The Incident Command System (ICS)
- Emergency Response Plan
- Personal Protective Equipment Selection
- Interaction with Public Safety Organizations
- Development of Exercises

Attendees will learn about the effort and activities required to create a successful emergency response team that both provides an effective emergency response and complies with OSHA and EPA requirements

Industrial Emergency Response Modeling

Don Abbott
Command Emergency Response Training

This class will utilize the Abbotville desktop simulation system in regards to dealing with industrial emergencies. Abbotville is a unique table-top diorama which simulates various disasters. Don and Bev Abbott do everything possible to make scenarios as real to life as possible. Actual fire, smoke and chemicals are used. Emergency equipment is dispatched. Hand-held radios are used for communication. Small scaled fire trucks, police cars, ambulances, emergency personnel, fire hose, dunk tanks, decon showers and other types of props are available for use by participants. Background sounds of fire, sirens, wind and screaming people are also used to add to the realism of the scenario.

Track: Medical

The Hospital Emergency Incident Command System and HazMat

Jim Miller
Washoe Medical Center

This class will deal with the need of modifying the Hospital Emergency Incident Command System (HEICS) to include HazMat and Terrorism components. Several case studies will be included in a review and discussion of HEICS. The instructor will then present a modified HEICS plan that includes various HazMat-related issues such as command section duties, organization charts, other HEICS positions, patient decontamination, training requirements and SIYS scenarios.

Dealing with HazMat at the Hospital Level

Dr. Henry Siegelson
Disaster Planning International

Note: Information not available at press time - please see visit www.hazmatexplor.org for the most recent information.

Sampling Techniques and Chain of Custody Protocols at WMD Incidents

Harry Cusick
University of Pennsylvania

Discussions on sample retrieval at WMD sites using current law enforcement practices. In class, will demonstrate the use of a new sample kit, presently being used at various WMD exercises and scenarios.

This system was designed to be used while wearing various levels of CPC.

Bio-Terrorism/B-NICE Agents

Bruce Evans
City of Henderson Fire Department

This course will discuss the pathophysiology of agents that could be used in an attack involving a weapon of mass destruction. The course will focus on treatment and antidote therapy. A plan on how to develop a toxmed program in response to an incident will be discussed.

Common Sense HazMat

Daniel Law
Emergency Response Consultants

All of the technical classes available are useless if we cannot learn to "read between the lines" and understand the useful information presented in them. This class is designed to show how meaningful information and apply it to our operational decisions. Examples include referencing and chemistry information, identifying the hazards, selecting PPE and selecting mitigation alternatives. Class participants should be Technician or Specialist certified.

Signs, Symptoms, and Treatment of the Chem/Bio Patient

Joe Heck
Casualty Care Research Center

The sarin gas release in the Tokyo subway system in 1995 demonstrated the very real possibility of an act of chemical or biological terrorism. Healthcare providers at all levels must be prepared to quickly identify victims and institute appropriate therapy. This three-hour block of instruction will introduce the student to the physical effects of chemical and biological agents. Beginning with general principles of each class of agent, the presentation will continue with the specific signs, symptoms, and treatment of the agents considered to be the most likely threat during a chemical or biological act of terrorism. Topics to be covered include the differential diagnosis, the role of antidotes and antibiotics, and the general principles of decontamination.

Bio-Terrorism Hospital Response

Joe Heck
Casualty Care Research Center

Is your healthcare facility prepared to meet the challenges associated with an act of bioterrorism? Unlike other acts of terrorism, a biological agent release will most likely go unnoticed until exposed individuals develop symptoms days after the event. Does your community possess the infrastructure necessary to make the diagnosis and facilitate treatment? This one-hour block of instruction will discuss the appropriate steps necessary for healthcare facilities to prepare for and respond to a biological incident. Topics to be covered include response plan development, personal protective equipment requirements, the role of decontamination, and community surveillance.

HazCat Day 3: Mixtures

Walter Sweet
HazTech Systems, Inc.

Day 3 teaches the students how to separate and identify mixtures and solvents. During one exercise, students will work on a simulated abandoned container which has up to 15 different materials inside. Contaminated water is included in this session. Also included are additional Char Complex exercises.

Conference Track Schedule

Thursday, December 14, 2000

	Environmental	Radiological	First Responder	LEPC
8am	Subsurface Migration of Non-Aqueous Phase Liquids Dr. Dave Kreamer University of Nevada, Las Vegas	REAC/TS: Pre-Hospital Management of Radiation Accident Victims (R) Steve Sugarman, Ronald Goans Mark Hart REAC/TS	Weapons of Mass Destruction Incident Command Considerations Steve Herman Arizona Department of Public Safety	HazMat Business Plan Program (R) Steve Bixler
9am		REAC/TS: Patient Packaging and Pre-Hospital Care (R) Steve Sugarman, Ronald Goans Mark Hart		Sheltering In Place: Does it Work? Mark Scott National Institute for Chemical Studies
10am	Exhibitor Luncheon with Exhibit Hours			
11am				
Noon				
1pm				
2pm	Stakeholder Analysis for Environmental Problem Solving (R) Dr. Krystyna Stave University of Nevada, Las Vegas	DOE Emergency Response Overview Milton Chilton Nevada DOE	Weapons of Mass Destruction Emergency Response Modeling Don Abbott Command Emergency Response Training	Nevada SERC Update Mary Lynne Evans Elizabeth Ashby Nevada State Emergency Response Commission
3pm		Resource Coordination Ron Fraass Kansas Department of Health and Environment		Sheltering In Place: Does it Work? (R) Mark Scott National Institute for Chemical Studies
4pm	State of Nevada Spill Reporting (R) Scott Smale Nevada Division of Environmental Protection	State Radiological Programs Aubrey Godwin Arizona Radiation Regulatory Agency		National Fire Incident Reporting System - HazMat Element Helen Oster Nevada State Fire Marshal's Office
Evening				

Note:
 Schedule is subject to change. Every effort is being made to provide the classes listed above, but no guarantee is made as to the final classes offered and/or their scheduled dates and times. Every reasonable effort is being made to ensure that M2K HazMat Expto complies with the Americans with Disabilities Act. If you, or someone you know, needs assistance due to a disability, please contact us at hazmat@destinationmm.com and we will make every reasonable effort to make their attendance possible. M2K HazMat Expto does not discriminate on the basis of race, color, sex, religion, national origin, age or disability.

Visit our website at www.hazmatexpto.org for the most up-to-date information...

Conference Track Schedule

Thursday, December 14, 2000

Industrial	Medical: Hospital	Medical: EMS	Ongoing Training	
<p>CAPP/RMP Program Level 3 Site Audits Mark Zusy Nevada Division of Environmental Protection</p>	<p>The Hospital Emergency Incident Command System and HazMat (R) Jim Miller Washoe Medical Center</p>	<p>Bioterrorism / B-NICE Agents (R) Bruce Evans Henderson, Nevada Fire Department</p>	<p>HazCat: Day 4 Organics Walter Sweet HazTech Systems Inc.</p> <p>Note: This class is limited to the first 20 attendees, and is filled on a first-come, first-served basis. Attendees must have attended HazCat Day 3 course.</p>	<p>8am</p> <p>9am</p>
<p>Exhibitor Luncheon with Exhibit Hours</p>				<p>10am</p> <p>11am</p> <p>Noon</p>
				<p>HazCat: Day 4 Organics (Continued) Walter Sweet HazTech Systems Inc.</p>
<p>CAPP / RMP Program Level 3 Site Audits (Cont...) Mark Zusy Nevada Division of Environmental Protection</p>	<p>Sampling Techniques and Chain of Custody Protocols at WMD Incidents (R) Harry Cusick University of Pennsylvania</p>	<p>Common Sense HazMat (R) Daniel Law Emergency Response Consultants</p>		
	<p>Dealing with HazMat at the Hospital Level (R) Dr. Henry Siegelson Disaster Planning International</p>			

Conference Course Synopsis

Thursday, December 14, 2000

Track: Environmental

Subsurface Migration of Non Aqueous Phase Liquids

Dr. Dave Kreamer
University of Nevada, Las Vegas

Non aqueous phase liquids (NAPLs) include those lighter than water (LNAPLs) which are largely petroleum products, and those denser than water (DNAPLs) which encompass many chlorinated solvents, creosote, coal tar and some pesticides. After spills or releases, these compounds infiltrate the ground's surface and move into groundwater systems where they can become long term sources of contamination. The subsurface migration of these compounds is a function of the amount spilled, the physical and chemical properties of the compounds spilled, the hydrophobic or hydrophilic nature of the soils. A knowledge of the ultimate consequences of environmental releases better prepares first responders to develop remediation strategies consistent with long-term environmental health.

Stakeholder Analysis for Environmental Problem Solving (R)

Dr. Krystyna Stave
University of Nevada, Las Vegas

Environmental problems commonly involve multiple stakeholders with different views about how to solve the problem, how to characterize the problem, or even whether a problem exists at all. This diversity of views is often overlooked by agencies who design regulatory "carrot and stick" solutions. Stakeholders frustrated with this approach have called for more proactive approaches that account for multiple perspectives. This workshop presents a framework for examining the way different stakeholders view an environmental problem, and explores this framework as a basis for designing more collaborative solutions.

State of Nevada Spill Reporting (R)

Scott Smale
Nevada Division of Environmental Protection

Note: Information not available at press time - please see visit www.hazmatexpl.org for the most recent information.

Track: Radiological

REAC/TS - Pre-Hospital Management of Radiation Accident Victims (R)

Steve Sugarman, Ronald Goans and Mark Hart
REAC/TS

These two, one-hour presentations, focus on the prehospital response and patient transport preparation in an accident and/or incident involving radioactive materials. Techniques and procedures aimed at minimizing the spread of contamination will be discussed and demonstrated. Recommendations on the appropriate use of personal protective equipment and hazards assessment will also be discussed.

REAC/TS - Patient Packaging and Pre-Hospital Care (R)

Steve Sugarman, Ronald Goans and Mark Hart
REAC/TS

These two, one-hour presentations, focus on the prehospital response and patient transport preparation in an accident and/or incident involving radioactive materials. Techniques and procedures aimed at minimizing the spread of contamination will be discussed and demonstrated. Recommendations on the appropriate use of personal protective equipment and hazards assessment will also be discussed.

DOE Emergency Response Overview

Milton Chilton
Nevada DOE

This class provides an overview of the DOE radiological emergency response capabilities. Due to the unique history of the Department of Energy in national radiological programs DOE has developed a number of emergency response capabilities to support not only DOE operations but also national security and emergency response missions. These include the Nuclear Emergency Search Team (NEST), the Radiological Assistance Program (RAP), The Federal Radiological Monitoring and Assessment Center (FRMAC), The Aerial Measurements System (AMS), The Atmospheric Research and Advisory Capability (ARAC), The Radiation Emergency Assistance Center and Training Site (REAC/TS), and the Accident Response Group (ARG).

Emergency assistance can be provided for a wide spectrum of radiological emergencies and is tailored to meet the needs of the state and local authorities. Assistance can be provided to respond to localized emergencies such as transportation accidents or to major accidents involving nuclear reactors or terrorist threats. Capabilities provided by the emergency response programs include

assessments indicating how released radioactive materials will be transported and deposited by the weather, monitoring and assessment of environmental releases of radioactive materials, expert medical assistance on the assessment and treatment of exposed and contaminated personnel, and assessing and responding to terrorist threats involving radiological materials.

Resource Coordination

Ron Fraass
Kansas Department of Health and Environment

Radioactive material, whether by contamination or direct exposure, is rarely going to be the primary risk during response to an incident involving radioactive material. However; responder and public perception of radiation risks may overshadow real risks and begin to drive a response in the wrong direction. Our common goal should be: To establish an organized and integrated capability for timely, coordinated response among our responders, nearby responders, and responders from various federal agencies. Prior coordination and training are essential in preparing for such incidents. Rapid and clear communication among all agencies responding to these events is critical to protect both responders and the public. To maximize your access to local, state, tribal, or federal radiation experts you must ask the right questions and provide clear and correct information. Information without translation is noise! If you may be put into the role of incident or unified commander, find or train someone who can translate radiological information into concepts you can use.

State Radiological Programs

Aubrey Godwin
Arizona Radiation Regulatory Agency

Note: Information not available at press time - please see visit www.hazmatexpl.org for the most recent information.

Track: First Responder

Weapons of Mass Destruction Incident Command Considerations

Steve Herman
Arizona Department of Public Safety

Tokyo sarin gas attack lessons learned, downwind vapor cloud travel, review of current national anthrax scare guidance, National Guard Weapons of Mass Destruction Civil Support Team functions & capabilities, case studies of two successful U.S. biological agent incidents.

Weapons of Mass Destruction Emergency Response Modeling

Don Abbott
Command Emergency Response Training

This class will utilize the Abbottville desktop simulation system in regards to dealing with WMD emergencies. Abbottville is a unique table-top diorama which simulates various disasters. Don and Bev Abbott do everything possible to make scenarios as real to life as possible. Actual fire, smoke and chemicals are used. Emergency equipment is dispatched. Hand-held radios are used for communication. Small scaled fire trucks, police cars, ambulances, emergency personnel, fire hose, dunk tanks, decon showers and other types of props are available for use by participants. Background sounds of fire, sirens, wind and screaming people are also used to add to the realism of the scenario.

Track: LEPC

HazMat Business Plan (R)

Steve Bixler
City of San Diego Fire Department

Note: Information not available at press time - please see visit www.hazmatexpl.org for the most recent information.

Sheltering In Place: Does It Work?

Mark Scott
National Institute for Chemical Studies

When a chemical accident or release occurs, emergency responders are often faced with whether to call for an evacuation or shelter-in-place. While many communities have relied on sheltering as the default action in such cases, questions remain about whether sheltering-in-place is effective as a means to protect the public. This presentation will review recent chemical accidents where sheltering-in-place was implemented, focusing on the effectiveness of this action and lessons for other communities.

Nevada SERC Update

Mary Lynne Evans, Elizabeth Ashby
Nevada State Emergency Response Commission

Note: Information not available at press time - please see visit www.hazmatexpl.org for the most recent information.

Conference Course Synopsis

Thursday, December 14, 2000

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National Fire Incident Reporting System - HazMat Element

Helen Oster

Nevada State Fire Marshal's Office

The class will outline the fields used in the new NFIRS 5.0 software for reporting responses by fire departments to Hazardous Material incidents. There will be a discussion of the correct information to be entered depending upon the situation found. The class will also include information collected so far on fire departments responding to hazardous materials incidents in Nevada.

Track: Industrial

CAPP/RMP Program Level 3 Site Audits

Mark Zusy

Nevada Division of Environmental Protection

This course will provide an overview of the CAPP/RMP auditing process used by NDEP on a plant site. Both NDEP's approach to auditing and criteria for acceptance will be discussed. The discussion will focus upon the prevention program elements: process safety information, process hazard analysis, standard operating procedures, employee training, mechanical integrity, management of change, pre-startup safety review, compliance audits, incident investigation, employee participation and contractor programs; and the emergency response program elements.

Track: Medical

The Hospital Emergency Incident Command System and HazMat (R)

Jim Miller

Washoe Medical Center

This class will deal with the need of modifying the Hospital Emergency incident Command System (HEICS) to include HazMat and Terrorism components. Several case studies will be included in a review and discussion of HEICS. The instructor will then present a modified HEICS plan that includes various HazMat-related issues such as command section duties, organization charts, other HEICS positions, patient decontamination, training requirements and SIYS scenarios.

Sampling Techniques and Chain of Custody Protocols at WMD Incidents (R)

Harry Cusick

University of Pennsylvania

Discussions on sample retrieval at WMD sites using current law enforcement practices. In class, will demonstrate the use of a new sample kit, presently being used at various WMD exercises and scenarios.

This system was designed to be used while wearing various levels of CPC.

Dealing with HazMat at the Hospital Level (R)

Dr. Henry Siegelson

Disaster Planning International

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Bio-Terrorism/B-NICE Agents (R)

Bruce Evans

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Daniel Law

Emergency Response Consultants

All of the technical classes available are useless if we cannot learn to "read between the lines" and understand the useful information presented in them. This class is designed to show how meaningful information and apply it to our operational decisions. Examples include referencing and chemistry information, identifying the

hazards, selecting PPE and selecting mitigation alternatives. Class participants should be Technician or Specialist certified.

HazCat Day 4: Organics

Walter Sweet

HazTech Systems, Inc.

Here, the students identify organics by the differences in the carbon chain length, the functional groups and how they are arranged on the carbon chain. Other questions answered are why a material is viscous, what effects functional groups such as an OH (alcohol), NH₃ (amines), etc. have on the carbon compound, and how to identify these various groups by their "traits" in the various tests used in the HazCat System. Chemical bonding is explained and how it affects the viscosity, reactivity, and how to identify these bonds as in the BTEX series.

Additional Educational Program - Tuesday, Dec. 12

Yucca Mountain Tour

The Department of Energy's Yucca Mountain Project offers free tours for the public to see a scientific project in action. See for yourself how scientists doing world class science are studying the geology, hydrology, weather patterns, and flora and fauna of this area to see if Yucca Mountain could safely isolate high-level nuclear waste.

By taking a tour of the site, you can observe work in progress and make your own decisions about this project. During the day, you will:

- visit the crest of Yucca Mountain and learn how the mountain was formed;
- see ancient volcanic cinder cones and learn whether they'll erupt in the next 10,000 years;
- talk to scientists about the features of Yucca Mountain and how they would affect the isolation of high-level nuclear waste;
- explore field laboratories and see equipment used to handle, record and test samples of rock;
- stop by the entrance to the construction of a sophisticated underground laboratory called the Exploratory Studies Facility (ESF). The ESF will provide scientists with an underground view of layers of rock;
- view exhibits that explain the various studies.

The tour is open to any U.S. citizen over the age of 14.

To visit the site, information such as full name, address, social security number, date and place of birth and telephone number must be provided when making a reservation.

Box lunches are available at a cost of \$6 per person.

Non-U.S. citizens must allow for 70 days between applying and receiving authorization to take the tour.

Conference Track Schedule

Friday, December 15, 2000

	Environmental	Radiological	First Responder	LEPC
8am	Radiological Monitoring at an Accident Scene Rick Hutton Invision Radiation Measurements	Waste Isolation Pilot Plant Roy Burkhram David Lewis The WIPP Project	Levels of Protection Harry Cusick University of Pennsylvania	Risk Communication and Public Involvement Captain Alvin Chun U.S. Public Health Service
9am				
10am	Liability in Emergency Management Gina Session Nevada Attorney General's Office	The Future of Radioactive Materials Shipments Fred Dilger Clark County Planning	Clandestine Drug Labs Chris Bunn Las Vegas Metropolitan Police Department	
11am				
Noon				

Conference Course Synopsis

Friday, December 15, 2000

Track: Environmental

Liability in Emergency Management

Gina Session
 Nevada Attorney General's Office

The goal of the workshop is to provide the members of LEPCs with a basic understanding of general liability issues in the emergency response/planning field, that are related to hazardous chemicals and oil spills.

Fuels Management

Steve Calanog and Donn Zuroski
 U.S. Environmental Protection Agency

Note: Information not available at press time - please see visit www.hazmatexplo.com for the most recent information.

Track: Radiological

Waste Isolation Pilot Plant

Roy Burkhram and David Lewis
 The WIPP Project

The States and Tribal Education Program (STEP) has conducted First Responder Radiological Emergency Responder training to approximately 17,000 responders in 18 states and adjoining tribal lands. The course is designed to educate responders on the safe and efficient way to respond should an accident occur involving WIPP radiological material. The course is normally 8 hours in length and involves all aspects of response.

Track: First Responder

Levels of Protection

Harry Cusick
 University of Pennsylvania

The course objective is for students to recognize and identify PPE/CPC recommendations for the proper category of protection. Also students will be able to select the proper protection based on the type and scope of NBC/WMD incident.

Clandestine Drug Labs

Detective Chris Bunn
 Las Vegas Metropolitan Police Department

This class will display the normal items located in the common methamphetamine lab located in the Las Vegas valley. They will be a discussion of the methodology that is currently being used in Las Vegas, as well as the hazards presented from the chemicals encountered and the hazards that are produced as by-products of the manufacture of methamphetamine.

Track: LEPC

Risk Communication and Public Involvement

Captain Alvin Chun
 U.S. Public Health Service

Environmental problems can create intense emotions and controversy which can prevent us from doing our job. Our ability to communicate, involve and negotiate with people who are affected are the keys to success which usually get little or no attention. When these keys are ignored, the potential for disaster is high. In order to be able to respond effectively to people's concerns, this session will explore the unique role of the public and the control we have if we choose to use it. The session will be stimulating and provide some valuable insights to responding to public fears and anger.

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Conference Track Schedule

Friday, December 15, 2000

Industrial

Environmental

Electroplating Processing Paul Peronard US EPA Region 8	Fuels Management Steve Calanog Donn Zuroski US EPA
--	--

8am

9am

10am

11am

Noon

HazMat Explo Course Instructors

Don Abbott	Command Emergency Response Training
Mike Ardito	US EPA Region 9
Elizabeth Ashby	NV State Emergency Response Commission
Tessa Badua-Larsen	US FEMA
John Bergman	Lake Havasu Fire Department
Steve Bixler	San Diego Fire Department
Richard Brophy	Tetrattech NUS
Chris Bunn	Las Vegas Metropolitan Police Department
Roy Burkham	The WIPP Project
Steve Calanog	US EPA Region 9
Bob Carson	Tetrattech NUS
Milton Chilton	US Department of Energy
Alvin Chun	US Public Health Service
Tom Clawson	DOE Hammer Project Office
Harry Cusick	University of Pennsylvania
Stan Dickinson	HAZMAT DQE
Fred Dilger	Clark County Comprehensive Planning
David Einolf	URS Corporation
Bruce Evans	City of Henderson Fire Department
Mary Lynne Evans	NV State Emergency Response Commission
Ron Fraass	Bureau of Air and Radiation Radiation Control Section
Ronald Goans	REAC/TS
Aubrey Godwin	Arizona Radiation Regulatory Agency
Kennith Hall	City of Torrance Fire Department
Mark Hart	REAC/TS
Joe Heck	Casualty Care Research Center
Steve Herman	Arizona Department of Public Safety
Mark Howard	US EPA Region 9
Rick Hutton	Invision Radiation Measurements
Ken Jones	NV Division Of Environmental Protection
Carolin Keith	Exxon Mobil Corporation
Dr. Dave Kreamer	University of Nevada, Las Vegas
Daniel Law	Emergency Response Consultants
David Lewis	The WIPP Project
Connie Lewis	NV Division of Environmental Protection
Amy McLeod	Union Carbide Corporation
Jim Miller	Washoe Medical Center
George Newell	NV Division Of Environmental Protection
Helen Oster	Nevada State Fire Marshal's Office
Paul Peronard	US EPA Region 8
Jim Price	DOE Hammer Project Office
Mark Scott	National Institute for Chemical Studies
Dr. Ralph Seiler	US Geological Survey
Gina Session	NV Attorney General's Office
Sally Siemak	Dow Chemical Company
Scott Smale	NV Division of Environmental Protection
Dr. Krystyna Stave	University of Nevada, Las Vegas
Ken Stewart	EENET - FEMA
Steve Sugarman	REAC/TS
Walter Sweet	HazTech System Inc.
Steve Tsumura	El Segundo Fire Department
Dawn Woods	DOE Hammer Project Office
Donn Zuroski	US EPA Region 9
Mark Zusy	NV Division of Environmental Protection

Industrial

Electroplating Processing and Cleanup

Paul Peronard
U.S. E.P.A.

The Electroplating Process and Clean-up course is designed to provide Federal On Scene Coordinators, State Project Managers, and Local Incident Commanders an overview of helpful information about the plating industry, including lessons learned from previous clean-ups. This course will include discussions of electroplating processes, chemistry, theory and design; specific health and safety issues and air monitoring equipment; and information on site assessments; and nuts and bolts of clean-up operations. Discussions of waste stream identification and bulking processes will focus on best practices.

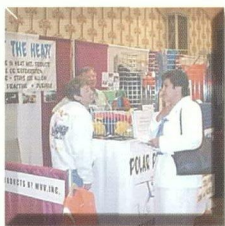
Exhibitor Information

M2K HazMat Explo Exhibitor Registration Form

(please type of print clearly)

The M2K HazMat Explo is the perfect venue to showcase your HazMat-related product. With over 400 attendees expected, you can rest assured that your products will be seen not only by the men and women on the frontline, but also the decision-makers.

With 6 different tracts available during the conference, you're going to find the right audience for your products or services. From medical products, to first responder gear, to radiological services...your company will be seen by the people that count - and all for a price that won't break the bank.



We've worked hard to keep our conference fees fair in order to serve our attendees - and vendors - well. Fill out and fax the form to the right, and bring your company to M2K HazMat Explo!



Exhibitor Fee Includes:

- ▶ 10' x 10' Booth Area
- ▶ 8' Colored Back Drape
- ▶ 2 Colored Side Drapes
- ▶ 1 6' Draped Table
- ▶ 2 Chairs
- ▶ Identification Sign
- ▶ Wastebasket
- ▶ Listing in the Conference Program
- ▶ Admission to Vendor's Reception, Breakfast and Lunch
- ▶ Link to HazMat Explo Website
- ▶ Complimentary conference attendance for two people from your company

Company Name: _____

Name of Representative(s) who will attend:

Company Address:

Phone: () _____

Fax: () _____

Email: _____

WebSite: _____

Description of Products and/or Services to be Displayed:

Exhibitor Fee (per 10' x 10' area):

Exhibitor Fee (Early bird discount - save \$50 if ordered before Nov. 1): \$250

Exhibitor Fee (Regular charge if ordered after Nov. 1): \$300

Once you have reserved your company's booth(s), you will receive an exhibitor's packet which lists expenses for electrical, freight handling, special signage, additional furnishings, etc.

Event Sponsorship Opportunities:

Your company will receive additional exposure by sponsoring one of the following events. Your company's name will be on all conference materials, displayed during the event, and your representative will have a short time to speak to the conference attendees. Call for additional details.

Breakfast Sponsor: \$2,000

Lunch Sponsor: \$4,000

Promotional Item Sponsorship Opportunities:

Attendees will remember your company long after the conference is over when they take your mug, badge holder, pen, note pad or flashlight home. Five hundred (500) of each item will be produced for the conference and will feature your company's name (or logo). Call for additional details.

Coffee Mugs: \$1,500

Badge Holders: \$1,500

Pens: \$400

Note Pads: \$3,000

Flashlights: \$4,500

Upon receipt of this form, we will be contacting you regarding your participation in M2K HazMat Explo.

Please contact Brent DeCracker at (702) 454-2228 if you have any questions.

Please fax this form to (801) 409-6678 or mail to:

M2K HazMat Explo
10056 Gold Thorn St.
Las Vegas, NV 89123

Registration Form

The Orleans Hotel & Casino, Las Vegas, Nevada • December 11-15, 2000

Contact The Orleans Hotel & Casino to make your room reservation: (800) 675-3267
Don't forget to mention Millenium 2000 HazMat Explo when making your reservations.
Room Block Cutoff is November 11, 2000

1 - Attendee Information

**Additional Information required for
Yucca Mountain Tour**

Full Name: _____ **Social Security Number** _____

Agency/Address _____ **Place of Birth** _____

Company/Gov't Department: _____ **Date of Birth** _____

Division: _____

Street 1: _____

Street 2: _____

City: _____ **ST.:** _____ **Zip Code:** _____

Phone: () _____ **Fax:** () _____ **Email:** _____

2 - Fees

General Registration:\$95.00 **Process Hazards Analysis for Team Leaders Training** \$595.00

General Registration: _____ + PHA For Team Leaders _____ = Total Due: \$ _____

3 - Payment Method

Payment Method: M/C Visa Check # _____ PO # _____

Credit Card # _____ Expiration Date _____

Card Holder Name _____ Card Holder Signature _____

Payment must accompany registration form. Please mail form to the address listed below. Form may be faxed only if a credit card or purchase order number is included. Cancellation and refunds will be made only if requested in writing to the M2K HazMat Explo Registrar. No refunds will be made after December 1, 2000. Registration may be transferred to another individual.

Please Make Checks Payable to: Clark County Local Emergency Planning Committee
Mail to: P.O. Box 551713, Las Vegas, NV 89155-1713
Phone: (702) 455-5710 Fax to: (702) 455-5718
Email: hazmat2000@destinationmm.com Website: www.hazmatexplo.org

SAVE THE DATE 11-15 DECEMBER



Attn: Jim O'Brien
Clark County Local Emergency Planning Committee
PO Box 551713
Las Vegas, NV 89155-1713



M2K HazMat Explo 2000

Listen to the best speakers in the field of HazMat. See the latest equipment and network with other HazMat professionals.



Who Will Be Attending...

EMT • Law Enforcement • Doctors • Nurses
Clinicians • Fire Fighters • Planners
Emergency Response • Transportation
Industry Professionals • Environmental Officers



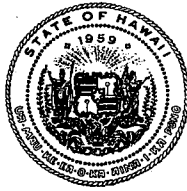
Six Tracks...One Focus

First Responder • Radiological
Industry • Environmental • Medical
Local Emergency Planning Committee



Get the latest information on M2K HazMat Explo at
www.hazmatexplo.org

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



BRUCE S. ANDERSON, Ph.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH

In reply, please refer to:
HEER OFFICE

P.O. BOX 3378
HONOLULU, HAWAII 96801

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #38

Friday, May 26, 2000 from 9:14 a.m. to 12:08 p.m.

Department of Health
919 Ala Moana Boulevard, Room 215
Honolulu, Hawaii 96814

FINAL MEETING SUMMARY

Attendees

Voting

Sean O'Keefe, Maui LEPC Representative
Bob Boesch, Board of Agriculture
Myron Yoshioka, Hawaii LEPC Representative
Capt. Carter Davis, Oahu LEPC Representative
Gary Gill, Department of Health
Clifford Ikeda, Kauai LEPC Representative
Jackie Miller, University of Hawaii Environmental Center
Genevieve Salmonson, Environmental Quality Control Office
Thomas Smyth, Department of Business, Economic Development and Tourism
Chris Takeno, Department of Transportation
Ed Teixeira, State Civil Defense
W. Mason Young, Department of Land and Natural Resources

Non Voting

Leland Nakai, Oahu Civil Defense
Mike Ardito, USEPA Region IX
Jim Vinton, BHP Hawaii
Kathy Ho, Attorney Generals Office
Denis Shimamoto, Department of Health, Hazard Evaluation and Emergency Response Office
Mike Cripps, Department of Health, Hazard Evaluation and Emergency Response Office
Warren Chung, State Civil Defense
Tessa Badua-Larsen, FEMA Region IX
Curtis Martin, Department of Health, Hazard Evaluation and Emergency Response Office
Barry Ching, Department of Health, Clean Air Branch
Clement Jung, State Civil Defense
Colin Wilson, Kauai Fire Department

1) The meeting was convened at 9:14 a.m. by Gary Gill.

1.1 Legislative Update:

Gary Gill:

Bills passed:

Ban on MTBE in Hawaii; refineries in Hawaii do not use it; not found in drinking water in Hawaii; Governor did not sign bill into law; and not clear who will be the enforcement agency.

Dollar surcharge per tire-will raise \$1 million in five years to pay for clean up of tire problem in state; SHWB will be enforcement agency; tire disposal companies will have to keep records; and fee collection will be upon import of tire.

Bills not passed:

Surcharge on barrel of oil from \$.05 to \$.25 to fund 60 positions did not pass but the expanded use of money in the revolving fund was approved. The use for general environmental programs must be approved by the Legislature. Approximately 20% in the fund are from fines and penalties.

Chris Takeno-HB 2615 HAZMAT Bill-passed.

Genevieve Salmonson-HB 2895 HD 1-passed. Projects have to address cultural impact.

Robert Boesch-HB 2405 passed. Allows for other uses of the pesticide revolving fund.

Mason Young-A Bill passed which allows the Water Commission to regulate and manage watersheds.

1.2 Minutes from the previous meeting were adopted with one change. 2.3 regarding the HAZMAT exercise should pertain to Maui and not Hawaii.

2) LEPC Updates

2.1 Hawaii

Myron Yoshioka-drafting by-laws; working on a public education program; working on a new membership list because having problems with quorum; walk through on a Fire Department exercise.

2.2 Kauai

Clifford Ikeda/Collin Wilson-preparation for monthly HAZMAT drills; yearly refresher training; need updated equipment; anticipate two certified ICS personnel to train others in the state; will send four people to the HAZMAT course in July.

2.3 Maui

Sean O'Keefe-letter from Mayor Apana (enclosed) approving new Maui HSERC members; FY 00 budget expenditures primarily spent on SCBA (enclosed); will be working on FY 01 budget; CHER-CAP will fund the Maui HAZMAT exercise.

Motion to accept the new membership for Maui HSERC as approved by Mayor Apana. (Miller/Ikeda)

Unanimously approved.

2.4 Oahu

Leland Nakai-February 8, 2000 minutes enclosed.

3) Funding Requests

3.1 Curtis Martin-Limit is \$100,000 per year. Last year distribution was \$15,000 to the LEPC and \$40,000 to HSERC.

Motion to leave the funding distribution the same and supplemental funding request due at the first HSERC meeting in the calendar year with clear justification of projects plus expenditures of the \$15,000.

(O'Keefe/Young) Unanimously approved.

3.2 Sean O'Keefe-Request for \$13,320 for GIS equipment for Maui.

Motion for HSERC to appropriate \$13,320 to the Maui LEPC for GIS equipment. Maui will invoice the HEER Office. If funds cannot be encumbered from FY 00 budget, Maui LEPC must come in again next year to request funds from the FY 01 budget. (Smyth/O'Keefe) Unanimously approved.

3.3 Leland Nakai-GIS training on Oahu from July 25-27, 2000. Focus is on HAZMAT users. Motion for HSERC to fund \$2500 for training materials for the GIS training on Oahu and the understanding that the Oahu LEPC will provide two seats for each island LEPC. (Smyth/Miller) Unanimously approved.

4) CHER-CAP Program

Presentation by Tessa Badua-Larsen, FEMA Region 9 (Pamphlet distributed)

- Identify local HAZMAT Planning deficiencies
- Greater understanding of HAZMAT risks
- Improve response capabilities
- Conduct full-scale exercise with peer evaluation
- Compliment other Federal programs
- Technological component to Project Impact

5) Mike Ardito-see handouts

6) Curtis Martin-Biological Incident Response Plan has been sent out for comments. Campbell Study-SCR No. 129, SD 1, HD 1, CD 1 requests an assessment of risk posed to chemical storage tanks (ASTs) at CIP, excluding petroleum-containing tanks, by the 2002 legislative session.

7) Mike Cripps-Stinger

Require a statewide plan and concept. At the next HSERC meeting, will discuss more details on implementation and update on "stinger" coordination.

8) Defer Maui HAZMAT Exercise Plan presentation.

9) Other Business

9.1 Curtis Martin-LEPC bylaws or administrative procedures do not have to go through the administrative rules process for adoption.

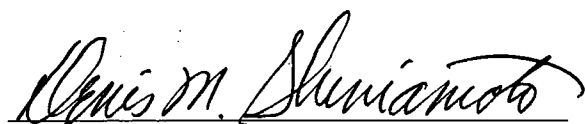
9.2 Clement Jung-HMEP funds are available; encourage LEPC members to attend the NASTTPO conference to be held at Atlanta, Georgia in May 2000; possible NASTTPO conference in Hawaii in the year 2002; December meeting-HSERC to vote on having the NASTTPO conference in Hawaii; \$1500 is available to each LEPC for two members to attend the Continuing Challenge Convention.

10) Schedule next HSERC meeting

It was suggested that the next meeting be held before the Maui HAZMAT exercise. This will be Friday, September 15, 2000 subject to confirmation.

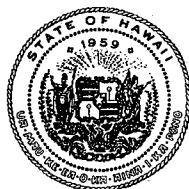
The meeting was adjourned at 12:08 p.m.

Respectfully Submitted,



Denis M. Shimamoto, HSERC Coordinator

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII



BRUCE S. ANDERSON, Ph.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH

In reply, please refer to:
HEER OFFICE

P.O. BOX 3378
HONOLULU, HAWAII 96801

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #39

Friday, September 15, 2000 from 9:12 a.m. to 11:55 a.m.

Department of Health
919 Ala Moana Boulevard, Room 215
Honolulu, Hawaii 96814

Draft Meeting Summary

Attendees

Voting

James Bobb, Emergency Services American Red Cross
Bob Boesch, Board of Agriculture
Dr. John Bowen, Hawaii LEPC Representative
Capt. Carter Davis, Oahu LEPC Representative
Gary Gill, Department of Health
Clifford Ikeda, Kauai LEPC Representative
Peter Rappa, University of Hawaii Environmental Center
Thomas Smyth, Department of Business, Economic Development and Tourism
Chris Takeno, Department of Transportation
Ed Teixeira, State Civil Defense
W. Mason Young, Department of Land and Natural Resources

Non Voting

Leland Nakai, Oahu Civil Defense
Mike Ardito, USEPA Region IX
Jim Vinton, BHP Hawaii
Kathy Ho, Attorney Generals Office
C. Curtis Martin, Department of Health, Hazard Evaluation and Emergency Response Office
Denis Shimamoto, Department of Health, Hazard Evaluation and Emergency Response Office
Mike Cripps, Department of Health, Hazard Evaluation and Emergency Response Office
Paul Dixon, Dixon Risk Services, Inc.
Dennis Poma, Brewer Environmental Industries
Clem Jung, State Civil Defense
Jeff Lang, United States Coast Guard
Ron Ho, Clean Air Branch
Keith Kawaoka, Department of Health, Hazard Evaluation and Emergency Response Office
Myron Yoshioka, Hawaii Fire Department

1) The meeting was convened at 9:12 a.m. by Gary Gill.

1.1 Minutes from the previous meeting were adopted with no changes.

2) LEPC Updates

2.1 Hawaii

John Bowen-Names of members of the Hawaii LEPC will be submitted to Mayor Yamashiro for approval; by-laws should be ready to present at the next HSERC meeting.

2.2 Kauai

Clifford Ikeda-conducting routine exercises; doing a review of their by-laws; during the collection of general household waste by a private contractor, public workers in the area complained of a strong odor and this was reported to DOH.

2.3 Honolulu

Carter Davis-reported on the GIS program; reviewing the possibility of a CAMEO class later this year; attendance of the Continuing Challenge workshop. (see attachment)

2.4 Maui

No representative. Joe Blackburn could not make meeting.

3) Funding

3.1 Curtis Martin-All the LEPCs have received their \$15,000.

3.2 Leland Nakai-funding request of \$30,000 for the update of the Honolulu emergency plan. (Proposal attached)

Motion to approve the funding of \$30,000 to update the Honolulu emergency plan with \$6,000 from the HSERC revolving fund and \$24,000 from HMEP planning grant fund. (Bowen/Carter) Unanimously approved.

3.3 Clifford Ikeda-Notice for Professional Services to update the Kauai emergency plan has been published. Due date is next Friday. It's estimated cost is \$12,500 to \$25,000. Would like to use the planning grant funds from HMEP.

4) Resignation of Dr. Premlata Menon from the HSERC.

4.1 The UH School of Public Health has become part of the John A. Burns School of Medicine (JABSOM). Chapter 128E states that a member will be from the UH school of public health. Options are to amend chapter to include membership from JABSOM or to delete altogether. Hazard materials program is not with JABSOM. HSERC will still have representation from UH (UH environmental center) if this member is eliminated. Will have Kathy Ho, Deputy AG, advise us at the next meeting.

5) Stinger

5.1 Mike Cripps-the stinger is a method of choice to remove contents from a disabled tanker before it can be made upright; stinger exercise class was held on Maui; Penco will provide a tanker for the training exercise on Maui; fire department presently do not sting, but will be "back-up" when the private company does the stinger operation; in the future, the fire department may be compelled to do the complete stinger operation.

5.2 Question on who is the incident commander (IC). Each LEPC will report at the next HSERC meeting on who is the IC. Under what authority/regulation/etc. makes the fire department the IC.

6) HEER Update

6.1 Curtis Martin reported on the legislative resolution. This resolution requests a study on non-petroleum above storage tanks in the Campbell Industrial Park for the 2002 legislative session. Contract for this study has not been finalized.

6.2 LEPC funding-Curtis Martin stated that the LEPCs should review their MOA and to check on their expenditures because of the possibility of being audited.

6.3 HSERC policy-A question on the use of LEPC funds received from HSERC to attend the HSERC meeting has been raised. It shall be the policy of the HSERC that “The LEPC will fund an LEPC commissioner to attend the HSERC meeting”.

7) EPA Update

7.1 Mike Ardito (see handouts)

Hazmat Explo in Las Vegas, NV in December 11-15, 2000.

Maui Hazmat Response Exercise

Risk Management Program/Off-site Consequence Analysis

Puna Emergency Response Plans Review Report

Bioterrorism Preparedness Conference

LEPCs and Counter-Terrorism

New Fact Sheets and EPA Alerts for CEPP

CEPP Program Contract

8) HSERC Models presentation by Paul Dixon (see attachments)

8.1 Tier II Software Programs for data requirements-Curtis Martin and Marsha Graf shall be the lead of the HSERC committee on data needs management.

9) Schedule next HSERC meeting.

The next HSERC meeting will be on November 17, 2000 at 9:00 a.m.

The meeting was adjourned at 11:55 a.m.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street

San Francisco, CA 94105-3901

**EPA UPDATE for
HAWAII STATE EMERGENCY RESPONSE COMMISSION
Meeting on Friday, September 15, 2000 in Honolulu**

Chemical Emergency Prevention and Preparedness (CEPP) Conferences

The next CEPP conference for the Pacific Southwest Region of EPA will be held on Tuesday, December 12, 2000 at the Orleans Hotel in Las Vegas, Nevada as part of the week-long events at the Millennium (M2K) Hazmat Explo 2000. Letters of invitation to attend this conference are being distributed today for the SERC and LEPC members with an attached agenda and outline of other activities. The complete conference schedule and additional information is available on the www.hazmatexplo.org website.

A summary of this region's first CEPP conference held in San Francisco last January, with the final report of the regional survey on EPCRA program implementation conducted last winter, is expected to be mailed out in late October to the attendees of last January's conference.

Maui Hazmat Response Exercises

EPA is co-sponsoring two hazmat response exercises on Maui next week. These hazmat exercises titled "Operation Waikapu" will serve as a modified first pilot in Region 9 under FEMA's new Comprehensive Hazmat Emergency Response - Capability Assessment Program (CHER-CAP). A field hazmat response exercise involving several petroleum companies and the Maui Fire Department will be held on September 20. A follow-up tabletop exercise, based upon the same exercise scenario, will be conducted September 22 in the Emergency Operations Center at the Maui Civil Defense Agency in Wailuku. A two-day hazmat tabletop exercise design course was held in Honolulu in mid-July. The class helped design the tabletop exercise for next week.

Risk Management Program/Off-Site Consequence Analysis

On August 4, the U.S. Environmental Protection Agency and the U.S. Department of Justice published in the Federal Register the final regulation required under last year's Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (CSISSFRRA). The new regulation requires the EPA Administrator and the Attorney General to ensure that members of the public have access to paper copies of the Risk Management Program's (RMP) Off-Site Consequence Analysis (OCA) data in at least 50 reading rooms geographically distributed across the United States. There will be a limit on the number of RMP facilities for which a member of the public may view the OCA information. Specifically, any member of the public may have access to the OCA information for facilities located in the LEPC district in which he or she lives or works and for any facility with a vulnerable zone that extends into the LEPC's jurisdiction, as well as for up to ten additional facilities per month.

In an effort to initially provide access in every State, EPA has agreed to cover approximately 20 locations (reading rooms) around the country, with DOJ covering the other locations. For Hawaii, the reading room is expected to be at EPA's Pacific Islands Contact Office at the federal building in Honolulu. Reading rooms are expected to be operational by December 31, 2000.

Puna Emergency Response Plans Review Report

A press release and the final report reviewing the emergency response plans for the Puna Geothermal Venture (PGV) facility and Hawai'i County was released September 13. The full report includes EPA's response to public comments on the draft report and referrals about certain issues to several state and local government agencies as well as PGV. A copy of the two-page fact sheet about this final report is being distributed today.

Bioterrorism Preparedness Conference

The Center for Disease Control held a National Bioterrorism Preparedness and Response Conference in San Francisco on September 12 and 13 for federal regions 9 and 10. Health and emergency services representatives from the western states were present.

LEPCs and Counter-Terrorism

EPA will be soon releasing a fact sheet for LEPCs about addressing terrorist concerns in emergency response plans.

New Fact Sheets and EPA Alerts for CEPP

- First Responders' Environmental Liability Due to Mass Decontamination Runoff
(July 2000)
- How to Increase Public Awareness and Improve Emergency Notification: Beach Cities
CAER (Community Awareness and Emergency Response)
(July 2000)

CEPP Program Contact:

In the Pacific Southwest Region, for more information about the EPA Chemical Emergency Prevention and Preparedness (CEPP) program, you may contact Mike Ardito by telephone at (415) 744-2328 or by email at ardito.michael@epa.gov

Website information for CEPP can be found at: www.epa.gov/ceppo/



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

September 5, 2000

Dear SERC/LEPC/TERC/CUPA Members:

You are cordially invited to attend the second Chemical Emergency Prevention and Preparedness (CEPP) Program Conference for the Pacific Southwest (Region IX). It will be held on Tuesday, December 12, 2000 at the Orleans Hotel, 4500 West Tropicana Avenue in Las Vegas. The CEPP conference will be held in collaboration with Nevada's week-long Millennium 2000 Hazmat Explo (December 11-15).

This CEPP conference will follow-up on issues discussed at the first regional CEPP conference held in San Francisco last January. Also, it will provide an excellent opportunity for further CEPP program training. Please see the enclosed CEPP conference agenda and associated training track information. We will have guest speakers such as Charles Rogoff from the U.S. Department of Transportation's Hazardous Materials Emergency Planning (HMEP) grant program in Washington, DC. We will also present the final results from our regional EPCRA program implementation survey conducted last winter and learn about trends revealed in the national LEPC survey conducted a year ago by George Washington University.

Details of the course offerings and registration information for the whole conference can be found on the www.hazmatexplo.org website. The registration fee for the entire five-day conference is only \$95. With winter room rates lower than usual at hotels in Las Vegas, lodging should also be a real bargain. (While availability lasts, the Orleans Hotel has a block of rooms at \$39 per night -- if you mention the conference. You may make room reservations by calling 1-800-ORLEANS.)

This will be another great networking opportunity for the CEPP community. It is hoped we can all build upon, expand and improve our regional network for sharing CEPP program information among our local, state, tribal and federal peers. EPA's regional CEPP team looks forward to seeing you at this conference!

Sincerely,

A handwritten signature in black ink that reads "Keith Takata".

Keith Takata
Director
Superfund Division

**U.S. Environmental Protection Agency
Pacific Southwest (Region 9) Conference
CHEMICAL EMERGENCY PREVENTION AND PREPAREDNESS (CEPP) PROGRAM
Tuesday, December 12, 2000
Orleans Hotel, Las Vegas, NV
Agenda**

9:00 - 9:15 a.m.	Welcome and Opening Remarks
9:15 - 10:15 a.m.	U.S. DOT HMEP Grant Program - Charles Rogoff
10:15 - 10:30 a.m.	Break
10:30 - 11:45 a.m.	EPCRA Survey Final Results and Discussion
11:45 a.m. - 1:00 p.m.	Lunch
1:00 p.m. - 1:45 p.m.	EPA CEPP Program Update from Washington, DC
1:45 - 2:30 p.m.	EPA CEPP Program Update from San Francisco, CA
2:30 - 2:45 p.m.	Break
2:45 - 4:00 p.m.	Region 9 SERCs/LEPCs/TERCs Informational Roundtable

Optional Session

4:00 - 5:00 p.m.	Orientation / Refresher: SERC and LEPC Members Roles and Responsibilities
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Week-long schedule can be found on the webpage: www.hazmatexplo.org

**The six training tracks are: First Responder ; Radiological; Industry;
Environmental; Medical; Local Emergency Planning Committee (LEPC)**

**LEPC Track on Wednesday, December 13: CHER-CAP; What to Do With These
RMPs; Hazmat Business Plan; Cooperation: A Model for Building Public
Confidence; Protecting the Public During Chemical Emergencies**

**LEPC Track on Thursday, December 14: Hazmat Business Plan; Sheltering-in-
Place: Does It Work?; Nevada SERC Update; National Fire Incident Reporting
System**

LEPC Track on Friday, December 15: Risk Communication (4 hours)

**EPA**U.S. ENVIRONMENTAL PROTECTION AGENCY • REGION 9
SAN FRANCISCO, CALIFORNIA

AUGUST 2000

REPORT ON PUNA EMERGENCY RESPONSE PLANS FINALIZED

The U.S. Environmental Protection Agency (EPA) has finalized its report on emergency response capabilities for Hawai'i County and Puna Geothermal Venture (PGV) after reviewing the public comments received on the draft report. The Puna Emergency Response Plans Review Report is the result of an independent review of response plans, as well as site visits and interviews which took place in August 1996. The long-term objective for this project is to prevent chemical accidents and improve emergency response capabilities. Besides EPA's findings and recommendations, this Final Report includes public comments received during the public comment period, which ran from February through May 1999.

HISTORY OF EMERGENCY RESPONSE PLANS REVIEW

As a follow-up to EPA's 1995 compliance inspection of the PGV facility and in response to a request from community members, EPA formed a Review Team comprised of technical experts from outside EPA but with assistance from EPA staff experienced in emergency preparedness programs and safety audits. From August 5-9, 1996, the review team conducted site visits in Hawai'i and gathered information from state and local agencies, PGV and local residents. EPA held public meetings at the Pahoa Community Center and the University of Hawai'i, Hilo Campus Center, to discuss the review. The review team concluded their work with specific findings and recommendations for improving emergency response capabilities and safety management systems. These recommendations address Hawai'i County and PGV emergency response plans and procedures.

FINDINGS OF THE REVIEW TEAM

The Review Team reviewed in detail the Hawai'i County Emergency Operations Plan—specifically the Oil and Hazardous Substances Response Plan—and found it in urgent need of an update to meet requirements of Emergency Planning and Community-Right-to-Know laws. The current plan does not address threats to the public and environment from a serious spill or release of hazardous substances from an operating facility such as PGV. To support this planning effort, EPA has provided \$25,000 to Hawai'i County for the updating and upgrading of the hazardous substances portion of its Emergency Operations Plan by September 30, 2001.

In particular, the Review Team was concerned about the capability of local responders to respond quickly to an emergency at

the PGV facility. Hawai'i County responders need to evaluate their capacity for emergency response and their ability to participate in an Incident Command System (ICS). ICS is an organizational structure set up to efficiently handle all the elements of a response. In addition, the Hawai'i County Fire Department, Pahoa Substation, needs to work with PGV to gauge the potential severity of an incident.

The Review Team found that many who attended the public meetings expressed concerns about their health and safety being jeopardized by the PGV facility, with a major release of hydrogen sulfide as the principal hazard. In addition, the public was concerned about the need for public alert and notification systems and plans for shelter-in-place and evacuation. Other meeting attendees expressed confidence in the capabilities of PGV management to operate the facility safely and efficiently.

After visiting the PGV site, the Review Team believed that the facility would be able to respond to most incidents except fire. However, at the time of the review the PGV Emergency Response Plan did not fully address coordination issues between the facility and local response agencies. The Review Team has concerns over public alert and notification procedures and the ability of the facility and the County to carry out a coordinated, timely response.

HIGHLIGHTS OF RECOMMENDATIONS

The Review Team recommends some changes in the hydrogen sulfide monitoring capabilities around PGV's perimeter. Since the primary purpose of the monitoring is to protect the health of the community, the sites operated by the Hawaii Department of Health (HDOH) should sample air at the breathing height of approximately six feet. The monitoring network, operated by both PGV and HDOH, should also continuously measure concentrations greater than 500 parts per billion (ppb), since it is possible that more than that amount could be released. Monitors with a wider range (from five to 1,000 ppb), are now available, and monitoring equipment is fundable under EPA's Clean Air Act Section 105 grant to HDOH. In addition, PGV should share its real-time air monitoring data with the Pahoa Substation so the local responders know what is occurring at PGV during an emergency.

The Review Team recommends that the County form a technical work group to evaluate evacuation needs, procedures and

resources. Based on comments EPA received on the draft report, EPA suggests that at least one member of the technical workgroup represent the community-at-large. This technical work group should include representatives from the County Civil Defense Agency and the Fire Department, Hawai'i Department of Health, the University of Hawai'i and EPA. Work group members should confer with PGV technical staff on the details of facility operations.

Both PGV and the County need to coordinate their planning activities and conduct joint training exercises before they can understand the capabilities of local fire, police and medical units. These joint exercises, held at least annually, would identify how to update and improve the emergency response plans and would serve as quick refresher training for PGV personnel and local hazardous materials responders. In addition, PGV and the County need to designate community and facility emergency coordinators, as required by the Emergency Planning and Community-Right-to-Know Act. These emergency coordinators should take the lead on planning and carrying out the exercises.

THE BIG PICTURE

The Review Team emphasizes that an emergency response plan is only a detailed blueprint for protection; it alone does not directly protect the public and the environment. Emergency response programs are the comprehensive approach to protection of communities. In addition to complete, updated and coordinated emergency response plans, jurisdictions and industries must have the required resources, equipment and trained personnel to be fully prepared to implement the plans and respond to accidents and disasters, both man-made and natural. The authorities responsible for the emergency response programs must be assured at all times that the programs are workable.

PUBLIC COMMENTS ON THE DRAFT REPORT

Comment letters and EPA's responses to those comments are included as appendices to the Final Report. Some letters were referred to state or local agencies if the comments were most appropriately addressed by those other entities. EPA's referral letters to those agencies are also included in the appendices.

FOR MORE INFORMATION

If you have questions or would like additional information on EPA's review of the Puna Emergency Response Plans, contact either of the two EPA staff members listed below:

VICKI ROSEN
COMMUNITY INVOLVEMENT COORDINATOR (SFD-3)
(415) 744-2187

MIKE ARDITO
PROJECT MANAGER (SFD-1-2)
(415) 744-2328

U.S. EPA • 75 HAWTHORNE ST. SAN FRANCISCO, CA 94105

You may also call TOLL-FREE: (800) 231-3075. Please leave a message for either Mike or Vicki, and they will return your call as soon as possible.

INFORMATION REPOSITORIES

Copies of the Puna Emergency Response Plans Final Review Report may be found in the following repositories:

EPA PACIFIC ISLAND CONTACT OFFICE
FEDERAL BUILDING
300 ALA MOANA BLVD., ROOM 5-152

PAHOA PUBLIC LIBRARY
15-3070 PAHOA KALAPANA ROAD
PAHOA, HI 96778
(808) 965-8574

HONOLULU, HI 96850
(808) 541-2710

KAILUA-KONA PUBLIC LIBRARY
75-138 HAULALAI ROAD
KAILUA-KONA, HI 96740
(808) 327-4327

KEAAU PUBLIC LIBRARY
16-571 KEAAU PAHOA ROAD
KEAAU, HI 96749
(808) 966-8181

UNIVERSITY OF HAWAI'I LIBRARY
200 WEST KAWILI STREET
HILO, HI 96720
(808) 974-7346

HILO PUBLIC LIBRARY
300 WAIANUENUE AVENUE
HILO, HI 96720
(808) 933-8888

In addition, the Final Review Report without the appendices can be found on the following EPA website:

<http://www.epa.gov/region09/waste/puna>

HONOLULU LOCAL EMERGENCY PLANNING COMMITTEE
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET • HONOLULU, HAWAII 96813
PHONE: (808) 523-4121 • FAX: (808) 524-3139

RECEIVED
DEPARTMENT OF HEALTH

2000 SEP 20 A 9:12

JEREMY HARRIS
MAYOR

HEER OFFICE



RECEIVED
OFFICE OF THE DIRECTOR
DEPT. OF HEALTH
2000 SEP 18 P2:01

HEEK
G
CM
CHAIR
CARTER DAVIS
COORDINATOR
LELAND NAKAI
DS

September 13, 2000

Mr. Gary Gill
Hawaii State Emergency Response Commission
Hawaii State Department of Health
919 Ala Moana Blvd., Room 206
Honolulu, Hawaii 96814-4912

Dear Mr. Gill:

The Honolulu Local Emergency Planning Committee (LEPC) is submitting a proposal for consideration by the Hawaii State Emergency Response Commission (HSERC) to update the Honolulu LEPC Hazardous Materials Response Plan. This plan update is in accord with paragraph 5(f)(2) of HRS 128E and the Memorandum of Agreement between the HSERC and the LEPCs.

We will be reviewing and updating our entire plan this year, and require assistance in updating the hazard assessment portion of the plan due to the complexities involved in these analyses. We expect that this hazard assessment update may take several years due to the number of facilities and chemicals on Oahu, and are therefore focusing only on several chemicals (chlorine, anhydrous ammonia, propane and liquid petroleum gas) for the first installment of the update.

A Request For Proposal (enclosure) for the first installment of the hazard assessment portion of the plan was sent to three vendors in July. We received two proposals for \$29,000 and \$29,750, respectively, to accomplish the project.

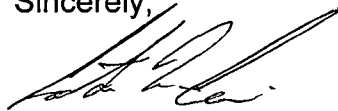
Our proposal is that the HSERC approve \$30,000 for this project, and encumber \$6000 of HEPCRA funds to allow the allocation of \$24,000 from the HMEP Planning Grant. Once we gain approval of this project, a review committee will be convened to select the best proposal.

Mr. Gary Gill
September 13, 2000
Page 2

We believe that this project will be an important first step in the development of the Honolulu LEPC plan into a comprehensive document for emergency response and planning, and we will be available at the next meeting of the HSERC to discuss our proposal.

Please contact me or Mr. Leland Nakai, LEPC Coordinator, at 527-5397 if you have any questions or require further information.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Davis", written over a horizontal line.

Carter Davis
Chair, Honolulu LEPC

Enclosure

cc: HEER Office

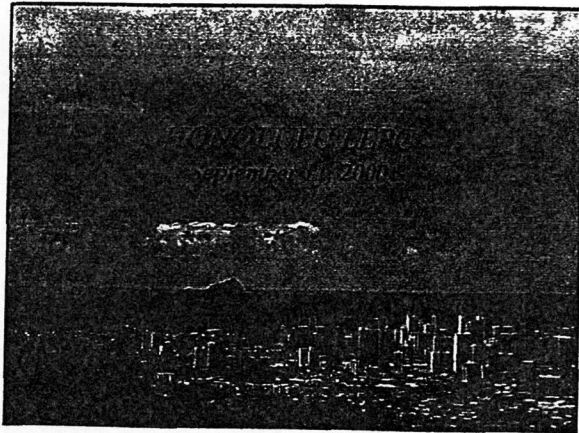
Request for Proposal to prepare a Hazard Assessment Attachment to the Hazardous Materials Response Plan, Appendix 6 to Annex S, City and County of Honolulu Emergency Operations Plan

Description: The Hazard Assessment portion of the City and County of Honolulu Hazardous Materials Response Plan is to be rewritten to provide a current assessment of off-site risks associated with several hazardous chemicals. The preparation of this Hazard Assessment Attachment is being done under contract from a federal grant. This project will utilize hazard assessment guidelines contained in the EPA Risk Management Program (RMP) and will reflect current hazardous material preparedness, prevention and response regulations. The completed attachment will become part of the Hazardous Materials Response Plan, Appendix 6 to Annex S of the City and County of Honolulu Emergency Operations Plan, and will also serve as the Honolulu Local Emergency Planning Committee (LEPC) Plan.

Outline of Work: The contractor shall perform the work outlined below:

- Prepare hazard assessments for chlorine, anhydrous ammonia, propane and liquid petroleum gas for the City and County of Honolulu, as further described below.
- Hazard assessments will be based on Hawaii Emergency Planning & Community Right-to-Know Act (HEPCRA) reporting quantities as maintained by the State Department of Health (DOH) Hazard Evaluation and Emergency Response (HEER) Office for Oahu facilities.
- Hazard Assessments will be prepared using the EPA RMP guidelines, and will include, but not be limited to, maps depicting Worst Case and Alternative Release Scenarios.
- Hazard Assessments will be consistent with those contained in the Campbell Local Emergency Action Network Emergency Resources Guide for Businesses in Campbell Industrial Park (CIP).
- For Fixed Facilities:
 - Prepare off-site hazard assessments for Oahu reporting facilities, excluding those in CIP, and the Port of Honolulu.
- For Transportation Sources:
 - Prepare hazard assessments along the primary road transportation routes between the port of entry and all reporting facilities.
 - Prepare a hazard assessment for the Gasco Synthetic Natural Gas main transmission pipeline from CIP to its end point.
- Consolidate these hazard assessments into a stand alone document, formatted similarly to the Hazardous Materials Response Plan, Appendix 6 to Annex S of the City and County of Honolulu Emergency Operations Plan.

- Coordinate with the Chair or Coordinator of the Honolulu LEPC.
- Contractor will attend LEPC meeting to review attachment and incorporate changes into the final product.
- Provide two copies of the draft attachment for LEPC review.
- After final review and approval, submit a camera ready attachment along with computer disk copy compatible with LEPC office software and hardware.
- First draft is due December 15, 2000, with final due March 15, 2001.



HONOLULU LEPC
September 11, 2000

- Call to Order
 - Introductions
 - Approval of 6/8/00 Meeting Minutes
- Old Business
 - 4th Quarter FY 00 Budget Report

HONOLULU LEPC
September 11, 2000

- 4rd Quarter Budget Report to HSERC
 - Fund 380 - HEPCRA Funds
 - Balance - 4/1/00 \$14,558.76
 - Expenditures 3,730.15
 - Travel/GIS Course
 - Meeting Notice/Equip
 - Balance - 6/30/00 \$10,828.61

HONOLULU LEPC
September 11, 2000

- GIS Training Class
 - July 25-27, 2000
 - EPA Regions 9 & 7, LEPC
 - 19 attendees
 - ArcView
 - Local Data

HONOLULU LEPC
September 11, 2000

- Continuing Challenge 2000
 - Sacramento, CA September 5-8, 2000
 - 5 LEPC sponsored attendees
 - 900+ attendees, 100 workshops
 - Golf Tournament, Hazmat Olympics, "Name That Unknown"

HONOLULU LEPC
September 11, 2000

- RMP Off-Site Consequence Analysis(OCA)
 - 40 CFR Chapter IV, 8/4/00
 - OCA available in federal reading rooms, 8/31/00
 - ID & sign-in required
 - 10 sources/month + local sources
 - Notes allowed, no reproduction

HONOLULU LEPC
September 11, 2000

- RMP Off-Site Consequence Analysis(OCA)
(cont.)
 - SERCs, LEPCs & related agencies authorized and encouraged to set up reading rooms
 - Limited Internet posting of OCA
 - Vulnerable Zone Indicator System (VZIS)

HONOLULU LEPC
September 11, 2000

- Vulnerable Zone Indicator System (VZIS)
 - Available via e-mail, toll free number, mail
 - Individual submits address
 - Will indicate if address within vulnerable zone
 - Provide instructions on how to obtain names of facilities
 - Available as part of RMP info in October, 2000

HONOLULU LEPC
September 11, 2000

- BHP/Tesoro Settlement
 - 1995 incidents
 - Supplemental Environmental Project (SEP) of Consent Decree with EPA
 - \$50,000 of equipment items to HFD/LEPC
 - Trailer, spill kit, monitors
 - Computers, printer, software, camera

HONOLULU LEPC
September 11, 2000

- Hazmat Training Needs Assessment
 - To prioritize FY '01 training requirements for potential HMEP grant funding
 - City departments requested to identify hazmat training needs

**STATE CIVIL DEFENSE
HAZMAT
TRAINING NEEDS ASSESSMENT**
(Based on OSHA requirements specified in 29 CFR 1910.120)

Agency making assessment: **State Civil Defense Agency County: Honolulu**
Individual Name of Contact: **Lafont, Nickal** Phone: **523-1121** Date: **9/28/00**

CLASS/ACTIVITY	TOTAL HOURS			TOTAL COST			% of Total Requirements
	OSHA Required	Agency Training	City Department Training	OSHA Required	Agency Training	City Department Training	
Hazmat Awareness	1952	164	1768	1768	25	1675	88%
Hazmat Operations	1128	128	1000	1128	128	900	99.3%
Hazmat Incident Command	81	201	209	81	89	160	74.3%
Hazmat Technical Chemistry	204	49	161	0	0	0	0
Hazmat Technical Training	204	49	161	0	0	0	0
Hazmat Inspection	81	41	41	0	0	0	0
Hazmat Other	1	0	1	0	0	0	0
TOTAL	4547	764	3643	3400	723	3173	77%

Note: Your assessed responsibility for number of students or positions. If you need to add other training add

HONOLULU LEPC
September 11, 2000

- C.L.E.A.N. Update
- Mr. Jim Vinton

HONOLULU LEPC
September 11, 2000

- LEPC Plan Update Proposal
 - Seek funding assistance to develop hazard assessment portion
 - Multi-year project
 - 1st year - chlorine, anhydrous ammonia, propane, LPG
 - Fixed facilities, primary transportation routes & SNG main pipeline

HONOLULU LEPC
September 11, 2000

- LEPC Plan Update Proposal (cont.)
 - Product consistent with CLEAN guide hazard assessments
 - Est. \$30K for first phase
 - Proposal to HSERC at 9/15/00 meeting for consideration/approval
 - Encumber HEPCRA funds for HMEP planning grant funding

HONOLULU LEPC
September 11, 2000

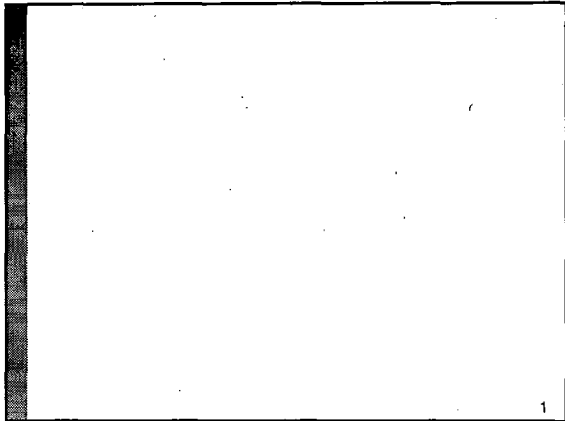
- HEPCRA Funds
 - Distribution to LEPCs
 - \$15K annually
 - Remainder for Special Projects
 - For discussion at next HSERC meeting

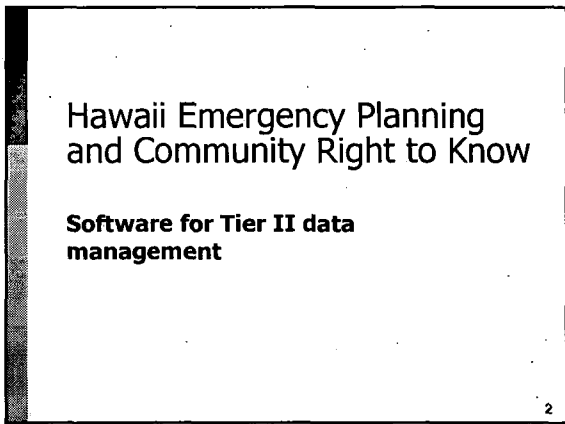
HONOLULU LEPC
September 11, 2000

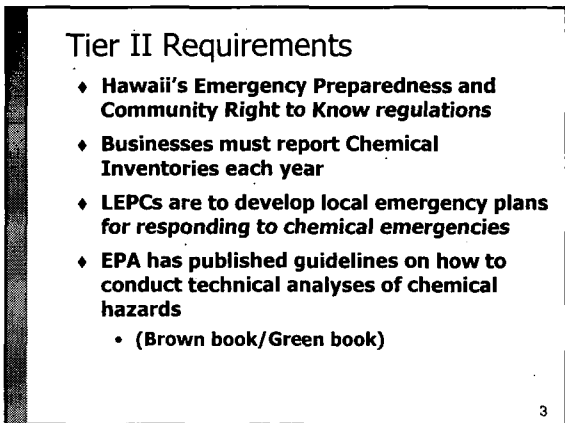


- Other Business/Open Discussion
 - LEPC Web Page
 - <http://www.co.honolulu.hi.us/ocda/lepc>
- Schedule Next Meeting









Potential uses of Information

- ◆ Local/Regional hazard analysis
- ◆ Preplanning response actions
- ◆ Guidance for facility inspections and training
- ◆ Real time emergency response information
- ◆ Public information

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Potential Users

- ◆ Emergency Planners
 - Fire, Civil Defense, Businesses, DOH, LEPCs
- ◆ Emergency Responders
 - Fire, police, medical, employees of businesses, etc.
- ◆ Public

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Software or Paper?

- ◆ Storage of data
- ◆ Data analysis and access
- ◆ Portability
- ◆ Use for other programs

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Software Systems Reviewed

- ◆ **Bolder,**
 - The B.O.L.D.E.R. Project Inc.
- ◆ **Arizona's Online System**
- ◆ **EPA**
 - ◆ Washington State
 - ◆ Delaware
 - ◆ Kansas
 - Jordan Systems, Inc.

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Other Systems

- ◆ **EPA and Hawaii's Paper system**
- ◆ **California Business Plan Requirements**

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Review Criteria

- ◆ **User friendly**
- ◆ **Cost**
- ◆ **Flexibility**
- ◆ **Needs of potential users**
- ◆ **Ability for future development**
- ◆ **Ability to meet other needs**

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Results

◆ **Bolder**

- ◆ Uses a runtime version of Microsoft Access
- ◆ Designed by 'Committee'
 - Lots of good data
 - Heavy workload to collect and analyze

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Bolder Plus and Minus

◆ **+++ Plus**

- ◆ Arizona is developing an online system for internet filing of data
- ◆ Microsoft Access is easy to modify
- ◆ Promises to be a "planning tool"
- ◆ Concept of design by users is good
- ◆ Data is more specific and detailed

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Bolder Plus and Minus

◆ **---- Minus**

- ◆ System is relatively new
- ◆ Screen layout is not refined
- ◆ Software programming appears to have a few "unexpected outcomes"
- ◆ Heavy user workload
- ◆ Reliance on attachments

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EPA's Tier Two

- ◆ **Developed with C++ and Visual Basic**
- ◆ **Originally developed for EPA**
 - ◆ **modified for Delaware, Kansas, Washington State**

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Tier II Plus and Minus

- ◆ **+++ Plus**
 - ◆ **Robust software programming**
 - ◆ **Good screen layout**
 - ◆ **Proven reliability**
 - ◆ **Links to Cameo**

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Tier II Plus and Minus

- ◆ **---- Minus**
 - ◆ **C++ requires higher level programming**
 - ◆ **Export capability needs to be slightly modified**
 - ◆ **More limited data set**

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Conclusions

- ◆ Programs are inexpensive 'as is'
- ◆ Both programs need some modification
- ◆ Customized software should be pursued

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Conclusions

- ◆ End users should to define data needs
 - ◆ Business, Fire Department, Medical, DOH, LEPC, etc.
- ◆ Programs are inexpensive 'as is'
- ◆ Data requested by software will greatly affect workload
- ◆ Specification of data export function is important

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Conclusions

- ◆ Delaware Tier II appears to be the closest fit at this time.

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Conclusions

- ◆ Data should be gathered with specific end use in mind.
- ◆ New customized system should be considered if costs for modification exceeds \$25,000.00
- ◆ Ultimate goal should include future online capability

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Conclusions

- ◆ When data needs are clearly defined, HEPCRA rules should be modified to match the need

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