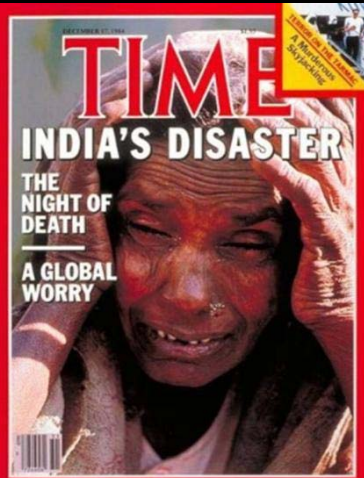




Basics of LEPC / EPCRA

Region 6 LEPC Workshops





Union Carbide Disaster: Bhopal, India Dec 2, 1984

The Bhopal disaster was one of the world's worst industrial catastrophes.

A massive release of methyl isocyanide gas from the Union Carbide Pesticide Plant in Bhopal, India, killed 3,800 and injured tens of thousands.

The accident raised public concern about toxic chemical storage, releases and emergency response.



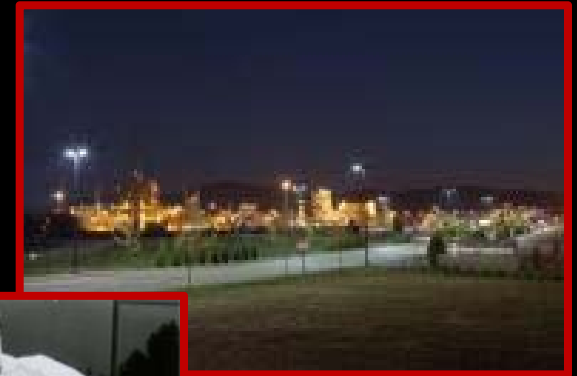


Institute, WV Facility Release Aug 11, 1985

Union Carbide released a cloud of methylene chloride and aldicarb oxime, chemicals used to manufacture the pesticide Temik.

Six workers were injured and more than a hundred residents were sent to the hospital.

Union Carbide spent \$5M to improve safety systems, but two more leaks occurred in February 1990.





Development of CEPP Program

June, 1985

EPA developed a Chemical Emergency Preparedness Program strategy to deal with air toxics in the environment, including addressing accidental releases of acutely toxic chemicals.

This voluntary program had two goals: to increase community awareness of chemical hazards, and to develop State and local response plans for dealing with chemical accidents.



Take a closer
look around your
community!



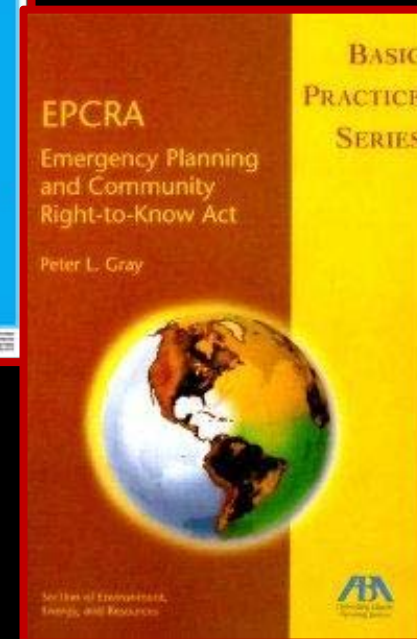


Emergency Planning and Community Right-to-Know Act (EPCRA) October 17, 1986

Congress amended CERCLA in 1986 with the Superfund Amendments & Reauthorization Act (SARA).

These amendments focused on strengthening rights of citizens and communities in the face of potential hazardous substance emergencies.

EPCRA was intended to help communities prepare to respond to a chemical emergency and to increase the public's knowledge of the presence and threat of hazardous chemicals.



Where do LEPCs come from ???

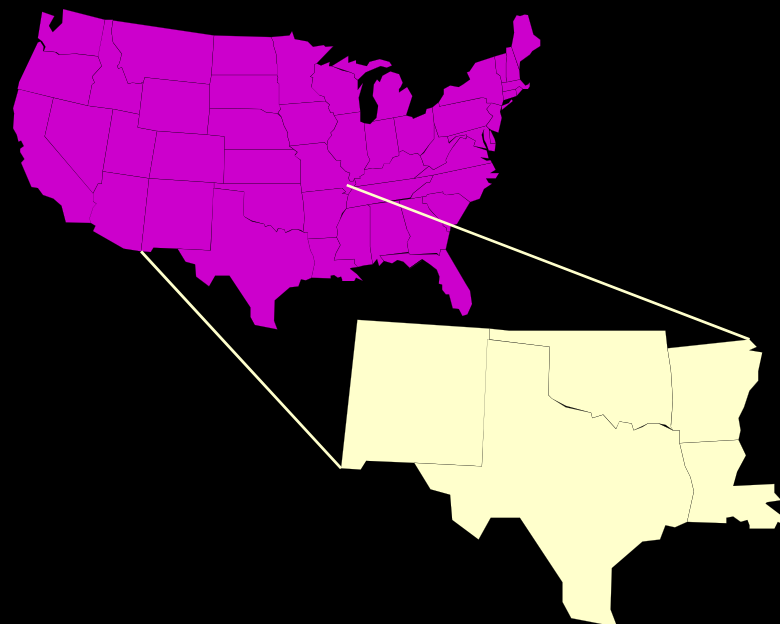
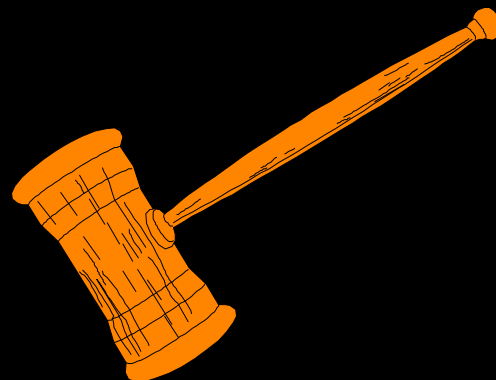
6



§ 301 of EPCRA required the State to establish Local Planning Districts and appoint an LEPC within each district.

There are approximately 530 LEPCs within Region 6, 3,500 nationwide.

In Region 6, 99% of the LEPCs are based on county/parish jurisdictions

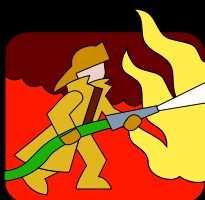


Representation of the LEPC

7

Under § 301 of EPCRA, each LEPC will include representatives from each of the following:

- State and local officials;
- Law enforcement, Civil Defense, Firefighting, First aid, Health, Local environmental, Hospital and Transportation
- Broadcast & print media
- Community groups
- Facility owners and operators subject to EPCRA





Appoint a chairperson and establish rules by which the committee shall function



The rules shall cover:

- Public notification of the activities of the LEPC
- Dissemination of the emergency plan, including public comments and responses



Establish procedures for receiving and processing public requests for information, including Tier II information

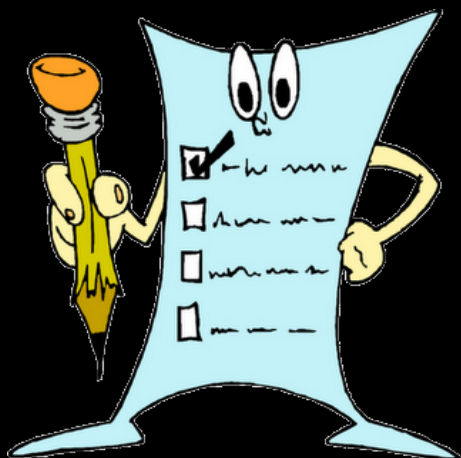


Designate an official to serve as the coordinator for information



Each LEPC was required to develop an emergency plan by October 17, 1988.

Our Disaster Recovery Plan Goes Something Like This...



Thereafter, the LEPC is required to review the plan at least once a year to ensure changes in the community are addressed



Establish a community emergency coordinator to receive emergency notifications (initial and follow-up) by facilities

Responsibilities of the LEPC

12



Upon request, make available Tier II information, MSDSs, or emergency notification follow-ups for a specific facility within 45 days of the request



This information shall be made available during normal working hours at designated location



The fire department shall have on-site inspection capabilities for any facility filing Tier II information





Annually publish local newspaper notice on where information can be reviewed

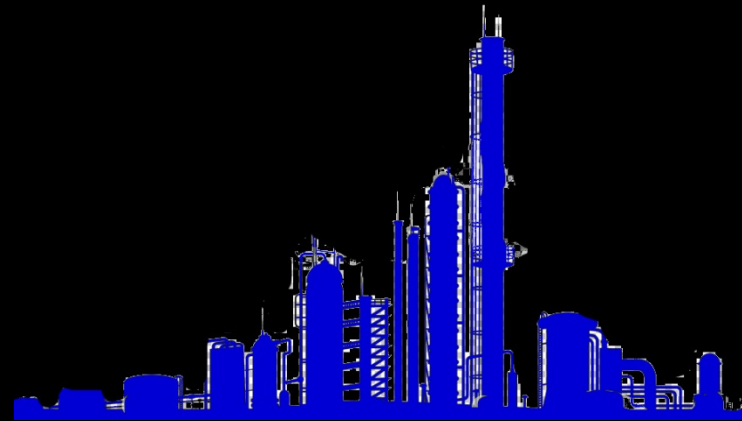
PUBLIC NOTICE

Pursuant to 42 USC #11044

The Worth County Local Emergency Planning Committee hereby notifies the public that emergency response plans, hazardous materials data sheets and inventory forms have been submitted pursuant to the Emergency Planning and Community Right-to-Know Act. These materials along with any follow up emergency notices may be reviewed at 320 S. Lyon Avenue, Grant City, Mo. upon appointment. Contact (660) 564-3544 to schedule an appointment.

Ability to take civil action against any facility which does not file required information

Facility Responsibilities Under EPCRA





Report to the LEPC, SERC if facility stores or uses more than the threshold planning quantity (TPQ) of an extremely hazardous substance (EHS)

(Section 302)

This is a one-time report
Report was due in 1988





Appoint a facility coordinator to work with the LEPC if subject to statute

Section 303





Provide information, requested by LEPC, which will assist in the development and implementation of the local emergency response plan

Section 303(d)

Immediately report release of an EHS or CERCLA hazardous substance above the reportable quantity (RQ) to NRC, SERC, and LEPC

Section 304(a,b)



Report release to 9-1-1 or telephone operator if release is transportation-related

Section 304(a,b)





The release report should include:

- The chemical name
- An indication of whether it is an EHS
- An estimate of the quantity released into the environment
- The time and duration of the release
- Whether the release occurred into air, water, and/or land
- Any known or anticipated acute or chronic health risks associated with the emergency, and where necessary, advice regarding medical attention for exposed individuals
- Proper precautions, such as evacuation or sheltering in place
- Name and telephone number of contact person.





Within a reasonable time period, facility is required to file a follow-up report to LEPC and SERC

Section 304(c)

Information for the follow-up should include:

- Actions taken to respond and contain the release
- Advice regarding medical attention necessary for exposed individuals
- Any known or anticipated acute or chronic health risks associated with the release





Facility must provide list of chemicals to LEPC, SERC, and fire department

For EHSs, the TPQ or 500 lbs. whichever is less

For gasoline in UST, 75,000 lbs; for diesel fuel in UST, 100,000 lb at retail stations

For all other OSHA hazardous chemicals, 10,000 pounds on-site at any one time

Section 311

Facility will provide MSDSs for chemicals if requested by LEPC, SERC





Chemical List	Number	Amount
EHSs	355	TPQ / RQ
CERCLA HS	800	RQ
OSHA Hazardous Chemicals	Hundreds of thousands	TQ

Facility Responsibilities

24

Facility must provide annual inventory report to LEPC, SERC, and fire department by March 1st of each year for past calendar year inventory

Same list as Section 311 chemical list

States have specific reporting (submit software, dissemination to LEPCs, etc)

Section 312



☐ Check if information below is identical to the information submitted last year. Reporting Period: January 1 to December 31, 20__

Tier Two Emergency and Hazardous Chemical Inventory Specific Information by Chemical		For Official Use Only State USEC Date Received																																											
Facility Identification																																													
Name	Maximum No. of Occupants: <input type="checkbox"/> N/A <input type="checkbox"/> Manned <input type="checkbox"/> Unmanned																																												
Street	County	City	State Zip																																										
Latitude	Longitude	NAICS Code	Phone Number (optional)																																										
Dun & Bradstreet Number	TIN Facility ID: <input type="checkbox"/> N/A <input type="checkbox"/> N/A	HAZ Facility ID: <input type="checkbox"/> N/A <input type="checkbox"/> N/A																																											
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input type="checkbox"/> Yes <input type="checkbox"/> No																																													
Subject to Chemical Accident Prevention under Section 112(c) of CAA (40 CFR part 66, Risk Management Program)? <input type="checkbox"/> Yes <input type="checkbox"/> No																																													
Owner or Operator Information		Parent Company Information (optional)																																											
Name	Name	Dun & Bradstreet Number:																																											
Address	Address																																												
Phone Number	Phone Number	Email																																											
Facility Emergency Coordinator (if applicable)		Tier II Information Contact																																											
Name	Name	Title																																											
Email Address	Email Address																																												
Phone Number	24-Hour Phone	Phone Number																																											
Emergency Contacts																																													
Name	Name	Title																																											
Phone Number	24-Hour Phone	Phone Number																																											
Email Address	Email Address	24-Hour Phone																																											
Certification (Read and sign after completing all sections)																																													
I certify under penalty of law that I am personally executed and am familiar with the information submitted to page one through and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.		Reporting Range Single Range for process																																											
		<table border="1"> <thead> <tr> <th>Range Code</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td>01</td><td>0</td><td>99</td></tr> <tr><td>02</td><td>100</td><td>499</td></tr> <tr><td>03</td><td>500</td><td>999</td></tr> <tr><td>04</td><td>1,000</td><td>4,999</td></tr> <tr><td>05</td><td>5,000</td><td>9,999</td></tr> <tr><td>06</td><td>10,000</td><td>24,999</td></tr> <tr><td>07</td><td>25,000</td><td>49,999</td></tr> <tr><td>08</td><td>50,000</td><td>99,999</td></tr> <tr><td>09</td><td>100,000</td><td>499,999</td></tr> <tr><td>10</td><td>500,000</td><td>999,999</td></tr> <tr><td>11</td><td>1,000,000</td><td>9,999,999</td></tr> <tr><td>12</td><td>10,000,000</td><td>99,999,999</td></tr> <tr><td>13</td><td>100,000,000</td><td>Greater Than 10 million</td></tr> </tbody> </table>		Range Code	From	To	01	0	99	02	100	499	03	500	999	04	1,000	4,999	05	5,000	9,999	06	10,000	24,999	07	25,000	49,999	08	50,000	99,999	09	100,000	499,999	10	500,000	999,999	11	1,000,000	9,999,999	12	10,000,000	99,999,999	13	100,000,000	Greater Than 10 million
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04	1,000	4,999																																											
05	5,000	9,999																																											
06	10,000	24,999																																											
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13	100,000,000	Greater Than 10 million																																											
Name and official title of responsible USEC, owner-operator's authorized representative		Signature																																											
Signature		Title																																											

The public reporting and recordkeeping burden for this collection of information is estimated to range from 6 to 129 hours per response, including the review of existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments on this burden estimate and any suggestions for reducing this burden to Washington Headquarters Service, U.S. Environmental Protection Agency (2902), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

EPA Form No. 8700-30 OMB Control No. 2050-0072 Expiration Date: 03/01/2016 Page 1 of 1

EPA Form No. 8700-30 OMB Control No. 2050-0072 Page __ of __

Chemical Description	Physical and Health Hazards	Inventory	Type of Storage	Storage Conditions (Pressure, Temperature)	Storage Locations	Additional Reporting Information (Optional)
<input type="checkbox"/> Check if information below is identical to the information submitted last year.						
Chemical Name:	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactive <input type="checkbox"/> Immediate (Acute) <input type="checkbox"/> Delayed (Chronic)	Maximum Amount Range Code:			Confidential: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Below Reporting Thresholds (optional) <input type="checkbox"/> State or Local Requirements	
CAS No.		Average Daily Amount Range Code:				
EHS: Yes <input type="checkbox"/> No <input type="checkbox"/> <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Trade Secret		No. of days on site:				
<input type="checkbox"/> Check if information below is identical to the information submitted last year.						
Mixture or Product Name:	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactive <input type="checkbox"/> Immediate (Acute) <input type="checkbox"/> Delayed (Chronic)	Maximum Amount (Total Mixture) Range Code:			Confidential: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Below Reporting Thresholds (optional) <input type="checkbox"/> State or Local Requirements	
CAS No. <input type="checkbox"/> Not Available		Average Daily Amount (Total Mixture) Range Code:				
EHS: Yes <input type="checkbox"/> No <input type="checkbox"/> <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Trade Secret		No. of days on site:				
EHS(s) Name (if applicable):						
CAS No.						
Non-EHS(s) Name (optional):						
Optional Attachments: <input type="checkbox"/> I have attached a site plan <input type="checkbox"/> I have attached a list of site coordinate elevations <input type="checkbox"/> I have attached a description of dikes and other relevant measures						



Chemicals exempted from Section 311 and 312 reporting:

- Any food, food additive, color additive, drug, or cosmetic regulated by the FDA
- Any substance present as a solid in any manufactured item to the extent exposure to the sub-stance does not occur under normal conditions of use
- Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public;
- Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual
- Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer.

Section 311(e)

Chemicals exempted from HAZ Comm Standard includes:

- RCRA hazardous wastes
- CERCLA substances being cleaned up
- Tobacco or tobacco products
- Wood or wood products
- Articles
- Food or alcoholic beverages
- Any drug already manufactured and covered by FDA
- Cosmetics packaged for sale
- Any consumer product
- Nuisance particulates
- Ionizing and nonionizing radiation
- Biological hazards.

OSHA exempts State and local facilities from the HAZ Comm Standard

States may still require these facilities to report



Facility must provide annual emissions report to SERC and EPA by July 1st of each year for past calendar year

If a facility meets all three of the criteria, it must report to the TRI Program:

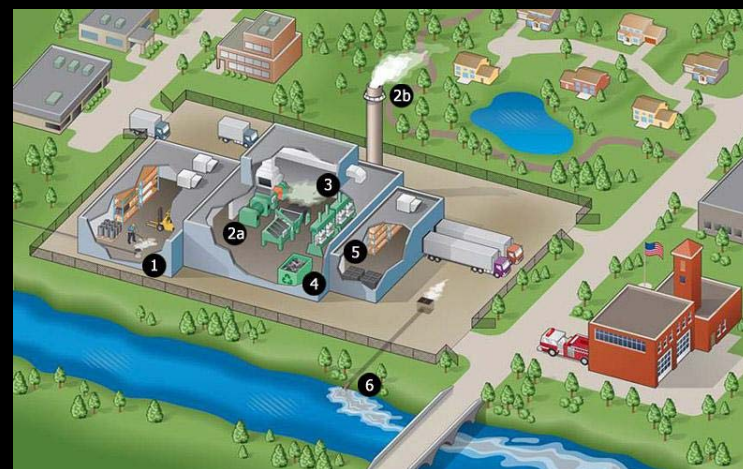
- Is in a specific industry sector (e.g., manufacturing, mining, electric power generation)
- Employs 10 or more full-time equivalent employees
- Manufactures or processes more than 25,000 lbs. of a TRI-listed chemical or otherwise uses more than 10,000 lbs. of a listed chemical in a given year



Facilities that meet all the criteria:

- Submit a TRI Form R (long form) for each TRI-listed chemical it manufactures, processes, or otherwise uses in quantities above the reporting threshold.
- Submit each TRI form to both EPA and the state in which the facility is located (or to the appropriate tribe, if located in Indian country).
- Federal facilities are required to report if they meet the employee and chemical use thresholds regardless of their industry sector.
- Persistent, Bioaccumulative, Toxic chemicals (PBTs) have lower reporting thresholds.
- Facilities may be eligible to submit a shorter version of a TRI form (Form A)

Section 313





Facilities that store one of 140 toxic or flammable substances in a process above the threshold must complete a Risk Management Plan

The plan must be submitted to EPA by 1999 and updated every 5 years after

The plan includes three components:

- Offsite hazard analysis (worst case and more probable releases and consequences)
- Prevention Program
- Emergency Response Program

CAA 112(r)(7)

