

**EPA Chemical Emergency Preparedness and Prevention
Office Table of Products Under Development For
Risk Management Plan Implementation
[Revised July 2, 1998]**

EPA is developing a variety of products to assist the regulated community, as well as implementing agencies and members of the general public, to understand and comply with the requirements of the accidental release prevention provisions of Section 112(r) of the Clean Air Act, also known as the Risk Management Program requirements. This table provides information about products EPA is developing, including the anticipated completion date and the current status of the work. This table is organized into nine sections, the first seven of which reflect the subgroups of the RMP Implementation Workgroup which has made several recommendations to EPA concerning product development. This table will be revised monthly. The current version will be available on the CEPPPO Web site.

PRODUCTS	PROJECTED COMPLE- TION DATE	STATUS
I. RISK COMMUNICATION		
A. Press kit to provide journalists with basic information about RMP and risk communication, with special focus on reporting and understanding off-site consequences.	January 1999	EPA is in discussion with National Safety Council.
B. Fact sheet: The Role of the LEPC in Risk Communication.	January 1999	
C. RMP Stakeholders Repository would include existing risk communication publications, videos, successful practices series, and other tools which could assist all stakeholders in meeting their responsibilities associated with RMP.	March 1999	EPA is in discussion with National Safety Council.
II. GUIDANCE FOR IMPLEMENTING AGENCIES		
A. Q&A database answers specific questions from the public, industry, and others about RMP implementation.	Available	Answers to 133 questions currently are available on CEPPPO Web site; updated as new questions are answered.
B. Guidance for Implementing Agencies.	Available	Available on the CEPPPO Web site, and from the National Center for Environmental Publications and Information (NCEPI) at (800) 490-9198. Request EPA document no. 550-B98-002.
C. Fact sheet: Funding Sources for RMP Implementation.	Available	Available on the CEPPPO Web site, and from the National Center for Environmental Publications and Information (NCEPI) at (800) 490-9198. Request EPA document no. 550-F-98-016.
D. RMP Implementation Information Exchange, formerly the Peer Exchange for Implementing Agencies, provides an electronic site that will allow the public to access current RMP implementation information provided directly by the implementing agencies. The site also will offer implementing agencies the opportunity to exchange information and lessons learned in a site with access restricted solely to implementing agencies.	September 1998	Completion date revised. EPA is reviewing options.

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PRODUCTS	PROJECTED COMPLETION DATE	STATUS
E. Amendments to Part 63: Approval of State RMP Programs and Delegation of Federal Authorities.	April 1999	To be sent to OMB in June. Anticipated date of proposed rule is September 1998.
III. GUIDANCE FOR INDUSTRY		
A. Fact sheet: RMP: Accidental Release Prevention (fact sheet)	Available	Available from the National Center for Environmental Publication and Information (NCEPI) at (800) 490-9198. Request EPA document no. 550-F-96-002.
B. Fact sheet: Small Business and the Risk Management Program introduces small businesses to the risk management program and provides comprehensive information on the rule's background, compliance requirements, sources of information and assistance, and actions small businesses already may be taking that meet the RMP requirements.	Available	Available on CEPPPO Web site, and from the National Center for Environmental Publications and Information (NCEPI) at (800) 490-9198. Request EPA document no. 550-F98-004.
C. General Guidance for Industry on RMP Programs assists facilities to determine if their processes are subject to CAA Section 112(r) and explains the regulations.	July 1998	Completion date revised to allow for incorporation of comments. Provided for public review 8/97, 10/97, 12/97, 2/98.
D. Offsite Consequence Analysis (OCA) Guidance provides simple methods and reference tables for use in preparing worst case and alternate release scenarios.	August 1998	Completion date revised. First published in June 1996 (copy available from EPCRA Hotline). Peer review completed. Comments being considered.
E. RMP*Comp® is an electronic air model for use in calculating endpoints similar to those provided in the OCA guidance.	Beta version available June 1998; final version anticipated 1/99.	Prototype developed and demonstrated at the 14th International Hazardous Material Spills Conference 4/98. Available on the CEPPPO Web site under "Tools."
F. Basic Awareness Brochures for Specific Sectors will serve as an introduction to the risk management program for specific sectors such as wastewater treatment systems, municipal drinking water systems, chemical distributors, chemical warehouses, propane retailers and users, and ammonia refrigeration systems.	Available	Available on the CEPPPO Web site and from the National Center for Environmental Publications and Information (NCEPI) at (800) 490-9198. Request EPA document nos. 550-F98-006, 550-F98-007, 550-F98-008, 550-F98-009, 550-F98-010, 550-F98-011.
G. Model RMP Guidance for Propane Retailers and Users provides specific compliance guidance to this sector. This can be used in lieu of the General Guidance and the Offsite Consequence Analysis guidance.	August 1998	Revised draft 1/98; under peer review. Completion date revised to allow for incorporation of comments following peer review.
H. Model RMP Guidance for Warehouses provides compliance guidance specific to this sector. This can be used in lieu of the General Guidance and the Offsite Consequence Analysis guidance.	September 1998	Revised draft March 1998. Under peer review. Completion date revised to allow for incorporation of comments following peer review.
I. Model RMP Guidance for Chemical Distributors provides compliance guidance specific to this sector.	September 1998	Revised draft March 1998. Under review. Completion date revised to allow for incorporation of comments following peer review.

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J. Model RMP Guidance for Ammonia Refrigeration provides compliance guidance specific to this sector. This can be used in lieu of the General Guidance and the Offsite Consequence Analysis guidance.	September 1998. May change due to litigation.	Draft provided for public review 6/96; revised draft 2/98; under peer review. Completion date revised to allow for incorporation of comments following peer review.
K. Model RMP Guidance for POTWs provides generic compliance guidance to this sector.	August 1998	Revised draft 4/98; under peer review; testing at POTWs.
L. Question and Answers: A Document for Small Business will address common concerns and compliance questions that affect small businesses in particular. These will be taken from the question and answer database.	First compilation September 1998	Being developed; projected updates on quarterly basis, using stakeholder input. To suggest questions, contact Julie Vandebosch at vandebosch.julie@epa.gov
M. Education Program for Suppliers/Downstream Users will encourage larger facilities to share their RMP resources and knowledge with their smaller suppliers and/or distributors that do not have the same level of resources.	February 1999	Need third party to assist with development and implementation. Trade associations representing small business contact Julie Vandebosch at vandebosch.julie@epa.gov
N. Revisions to List Rule Factsheet outline and explain the final rule modifying sections of the original Clean Air Act Section 112(r) rule that lists covered chemicals and thresholds.	Available	Available on the CEPPPO Web site and from the National Center for Environmental Publications and Information (NCEPI) at (800) 490-9198. Request EPA document no. 550-F98-012.
IV. AUDIT PROTOCOL AND GUIDANCE		
A. Fact sheet: Differences Between Chemical Safety Audits and RMP Audits will give regional and state offices a succinct explanation of the two programs and their overlap.	December 1998	Development is contingent upon development of audit guidance. Draft anticipated by 9/98.
B. Guidance for conducting audits under RMP will address protocols to conduct inspections and audits of RM Plans. Will be useful for implementing agencies and industries alike.	December 1998	Draft on homepage 4/98. Comments being incorporated.
V. ELECTRONIC SUBMISSION		
A. Fact sheet on RMP*Submit and RMP*Info explanation of the electronic submission process as well as the public access system.	Available	Available from the CEPPPO Web site or National Center for Environmental Publication and Information Web site. Call NCEPI at 800-490-9198 and request EPA document #550-F98-002.
B. RMP*Submit/RMP*Info prototype demonstrations.	April 1998	Demonstrated at the 14th International Hazardous Materials Spills Conference. RMP*Info prototype and the RMP*Submit screens can be found on the CEPPPO Web site.

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C. Federal Register announcement of "Method and Format" will announce the method and format that will need to be used to submit RMPs. Commercial software vendors will need to modify their software to meet these specifications. For facilities planning to use RMP*Submit, it will automatically generate this file format.	October 1998	This information also will be provided in the RMP data element instructions. An interim guidance will be published August 1998.
D. RMP*Info will be the public access system for RMP data. It will be located on EPA's Envirofacts on the Internet.	January 1999	The RMP*Info system will be available beginning 1/99, however since RMP*Submit will not be available until 1/99, we do not expect many RMPs for at least a few months. RMP*Info will not be complete with all RMPs until sometime after 6/99.
E. RMP*Submit system is an automated software program for RMP facilities to use to submit RMPs. The software will run on Windows 3.1 and above. There will not be a DOS or MAC version.	January 1999	Currently under development. When completed, it will be available on the CEPPPO Web site, on diskette from the EPCRA hotline and the National Center for Environmental Publications and Information, and will be distributed to regions, states, and industry associations.
F. Electronic Waiver Form will need to be filled out and submitted by facilities who do not submit electronically. The form will be only 2-3 questions, fill in the blanks.	January 1999	Drafted by Electronic Submission Workgroup.
G. Demonstration projects "RMP*Submit" and "RMP*Info" will be available for demonstrations at RMP presentations.	January 1999 and thereafter	During some conferences and meetings the presenter may choose to bring RMP*Submit and/or RMP*Info to demonstrate.
VI. OUTREACH AND TRAINING		
A. CEPPPO Web site contains information about the Chemical Emergency Preparedness and Prevention Office [CEPPPO]; RMP and EPCRA legislation, regulations, guidance, and related publications; upcoming events; links to related Web sites.	Available	Web address is: http://www.epa.gov/ceppo/
B. RMP listserve for anyone to automatically receive meeting summaries for the Accident Prevention Subcommittee, its workgroups, and other RMP related notices.	Available	To subscribe, send the following message to list-server@unixmail.rtpnc.epa.gov: "SUBSCRIBE EPA-RMP (your first name) (your last name)"
C. One day course for state and regional implementing agencies.	Available	Contact EPA Regional CEPPPO coordinators for details.
D. E-mail list for journalists to receive news story leads related to RMP and EPCRA.	Available	Contact Carole Macko at macko.carole@epa.gov to join e-mail list.
E. International Spills Conference to provide a variety of trainings and instructional sessions on RMP.	April 1998	Agenda available on Web site.

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F. One-day course for small business for use by region and state implementing agencies a.k.a. "Plan in Hand" training is designed to provide EPA Regions with a boilerplate one-day course that meets the objective of allowing small businesses to leave the course with their RMP partially completed or at least ready to fill out the plan. This course is designed for regional and state use, and will make use of sector model guidance.	September 1998	Review team consists of regional, state, and small business association representatives. First draft is under development. Pilots scheduled for July in Regions II and VI.
G. Basic Awareness Fact Sheet for Public on RMP will introduce the public to the risk management program and provide information on what the data mean, how to navigate and use RMP*Info, how to understand risk, and what benefits the public can expect to see as a result of RMP implementation.	September 1999	Deadline revised.
VII. ROLES OF LEPCs AND OTHER LOCAL AGENCIES		
A. Guidance: How LEPCs Can Use RMP Information to Incorporate Accident Prevention into Existing Preparedness Activities.	August 1998	Second draft to be distributed in July.
B. Modifications to CAMEO to allow import of RMP data.	June 1999	Internal discussions in March.
C. Successful Practices: How LEPCs and Other Local Agencies Are Using RMP Information.	December 1999	
VIII. REGULATIONS		
A. Amendments to List of Substances and Thresholds.	Published 1/6/98 (63 FR 640)	Available on CEPPPO Web site.
B. Amendments to 40 CFR Part 68 proposes additional required and voluntary data elements, adopts the North American Industrial Classification System codes and addresses CBI issues.	Proposed rule published April 1998; final rule due October 1998	Proposed rule published in the Federal Register on April 17, 1998. Comments being addressed.
IX. ENFORCEMENT		
Guidance on General Duty Clause for Regions and States.	September 1998	Internal draft being discussed.

Appendix 3-C

Resources for Developing a Risk Communication Program

- "Risk Communication, Risk Statistics and Risk Comparisons: A Manual for Plant Managers,"* Chemical Manufacturers Association, 1300 Wilson Blvd., Arlington, Va. 22209 (1988) (703) 741-5000
- "Improving Risk Communication,"* National Research Council, National Academy Press, 2101 Constitution Ave., NW, Washington, D.C. 20055 (1989)
- "Improving Dialogue with Communities: A Risk Communication Manual for Government,"* State of New Jersey Department of Environmental Protection, Division of Science and Research, Risk Communication Unit, CN 409, Trenton, N.J. 08625 (January 1988) (609) 984-6072
- "Explaining Environmental Risk: Dealing with the Public,"* Sandman, Peter M., U.S. EPA Office of Toxic Substances, TSCA Assistance Office (November 1986)
- "Seven Cardinal Rules of Risk Communication,"* Covello, V.T. and Allen, F., U.S. EPA Office of Policy Analysis, Washington, D.C. (1988)
- CAER (Community Awareness and Emergency Response) resources, Chemical Manufacturers Association, 1300 Wilson Blvd., Arlington, Va. 22209 (703) 741-5000
- "A Formula for Effective Risk Communication,"* videotape presented by Peter Sandman. AIHA (1991)
- "How to Establish a Community Advisory Panel,"* Chemical Manufacturers Association, 1300 Wilson Blvd., Arlington, Va. 22209 (703) 741-5000
- "The Deer Park LEPC Resource Directory,"* Deer Park LEPC, Attention: Sandra Watkins, P.O. Box 700, Deer Park, Texas 77536 (713) 478-7248 (\$10 per copy)

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