ENVIRONMENTAL SCIENCES DIVISION

ENVIRONMENTAL REGULATORY UPDATE TABLE

JANUARY/FEBRUARY 1993

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Environmental Regulatory Update

This report contains a bi-monthly update of environmental regulatory activity that is of interest to the Department of Energy. It is provided to DOE operations and contractor staff to assist and support environmental management programs by tracking regulatory developments. Any proposed regulation that raises significant issues for any DOE operation should be reported to the Office of Environmental Guidance (EH-23) as soon as possible so that the Department can make its concerns known to the appropriate regulatory agency. Items of particular interest to EH-23 are indicated by a shading of the RU#.

Any questions or comments about any aspects of the Update Table should be directed to Lois Thompson, Air, Water, and Radiation Protection Division, Office of Environmental Guidance, U.S. Department of Energy (EH-23), 202-586-9581.

ABSTRACT

The Environmental Regulatory Update Table provides information on regulatory initiatives of interest to DOE operations and contractor staff with environmental management responsibilities. The table is updated bi-monthly with information from the Federal Register and other sources, including direct contact with regulatory agencies. Each table entry provides a chronological record of the rulemaking process for that initiative with an abstract and a projection of further action.

U.S. DEPARTMENT OF ENERGY

ASSISTANT SECRETARY FOR ENVIRONMENT, SAFETY AND HEALTH
Office of Environmental Guidance

ENVIRONMENTAL REGULATORY UPDATE

JANUARY/FEBRUARY 1993

REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993 UPDATE

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*RU numbers are identifiers that are assigned to each regulatory initiative for tracking purposes. The first three digits are coded to the statute, and the last three digits are specific to individual initiatives. The update table is first organized by statutes as shown above and then by RU numbers arranged sequentially. An index is provided at the end of the table to relate CFR citations to RU numbers.

Regulatory Highlights - January/December, 1993

1. Corrective Action Management Units and Temporary Units; Corrective Action Provisions Under Subtitle C - Final Rule

Under the 1984 Hazardous and Solid Waste Amendments to RCRA, EPA issues a final rule (NPRM: 7-27-90) establishing standards in a new subpart S of 40 CFR 264 for corrective action management units (CAMUs) and temporary units (TUs) at hazardous waste treatment, storage, and disposal facilities (TSDFs) that are undergoing RCRA corrective action (i.e., a program for cleaning up releases at TSDFs). The rule, which applies to both RCRA permitted and interim status facilities, is intended to alleviate regulatory constraints imposed by the existing RCRA subtitle C hazardous waste program on the management of wastes generated during corrective action at TSDFs. EPA has realized that the subtitle C requirements, when applied to remediation wastes, can often limit the flexibility of decisionmakers in choosing the most protective and cost-effective remedy. The formation of CAMUs and TUs, as allowed by the rule, should provide TSDF owner/operators with a tool for facilitating corrective action at a facility. The rule should also provide greater flexibility at CERCLA sites since the requirements for CAMUs and TUs will become RCRA applicable or relevant and appropriate requirements (ARARs) for hazardous waste management activities at those sites.

The CAMU is defined in the rule as an area within a facility that is designated by the EPA Regional Administrator (RA) for the sole purpose of managing remediation wastes generated during corrective action at the facility. The creation of CAMUs should expedite and improve remedial decisions since remediation wastes placed in these units will not be subject to either the land disposal restrictions (LDRs) or other RCRA hazardous waste disposal requirements. A CAMU at a given facility may only accept remediation wastes generated from within that facility or waste obtained from releases that migrated beyond the facility's boundary. The rule's definition of remediation wastes includes all solid and hazardous wastes and all media and debris containing listed hazardous wastes. However, it excludes wastes generated from on-going production processes or other industrial activities. In designating a CAMU at a facility, the RA will consider several criteria in order to make a decision that will facilitate the implementation of reliable, effective, protective, and cost-effective remedies. The facility permit or corrective action order will specify requirements for CAMUs including those for groundwater monitoring and closure/post-closure.

While CAMUs address land-based waste management activities, TUs address non-land-based waste management activities for corrective action; specifically, the treatment and storage of remediation wastes in tanks and container storage units. These units are not subject to the RCRA LDR and minimum technology requirements, and the rule will allow the RA to establish alternative design, operating, or closure requirements for the TUs. In addition, as its name implies, TUs are to have an operating time limit of one year with a possibility for a one year extension. Finally, although this rule does afford additional flexibility for purposes of corrective action, all other existing requirements and guidelines

for establishing site-specific cleanup goals and selecting remedies remain in effect. [However, EPA is in the process of developing a final corrective action rule in subpart S (NPRM: 7-27-90) which will address various issues including those relating to "how clean is clean" and where compliance with cleanup standards must be achieved.] This rule is effective on April 19, 1993.
(2-16-93, 58 FR 8658, RU# 840-133.00)

2. Memorandum of Agreement Concerning the Determination of the Geographic Jurisdiction of the Section 404 Program - Notice

Under the Clean Water Act (CWA), EPA and the Army Corps of Engineers (COE) provide notice that they have amended their January 19, 1989, "Department of the Army/Environmental Protection Agency Memorandum of Agreement Concerning the Determination of the Geographic Jurisdiction of the section 404 Program and the Application of the Exemptions under section 404(f) of the Clean Water Act" (MOA). The amendment provides that EPA and COE will both use the 1987 COE Wetlands Delineation Manual (1987 Manual) in determining the geographic scope of waters of the United States under section 404 of the CWA. The original MOA stated that they would use the 1989 Federal Manual for Identifying and Delineating Jurisdictional Wetlands (1989 Manual) in making wetlands determinations. However, the Energy and Water Development Appropriations Act of 1992 prohibited the Corps from using the 1989 Manual, requiring them to use the 1987 Manual until proposed revisions to the 1989 Manual (NPRM: 8-14-91) were finalized. In contrast, EPA continued to use the 1989 Manual in making jurisdictional determinations under section 404. As a result, EPA and COE have been concerned that the use of different manuals by the agencies could create confusion and inconsistencies regarding wetlands determinations. Therefore, the MOA was amended to foster consistency in the agencies' delineation of wetlands under CWA section 404. The amendment became effective on January 4, 1993.
(1-19-93, 58 FR 4995, RU# 805-049.02)

3. List of Regulated Substances and Thresholds for Accidental Release Prevention: Requirements for Petitions under Section 112(r) of the Clean Air Act as Amended - Proposed Rule

EPA is proposing a list of regulated substances and threshold quantities to satisfy the Clean Air Act (CAA) Amendments of 1990 provisions for chemical accident prevention. The goals of the chemical accident prevention provisions are to focus on chemicals that pose a significant hazard to the community should an accident occur, to prevent their accidental release, and to minimize the consequence of such releases. The proposed list has three sections: a list of 100 toxic substances, a list of 62 flammable substances (gases and volatile liquids), and commercial explosives with mass explosion hazard as defined by the Department of Transportation (DOT). (High explosives are proposed for listing as a class, rather than as individual substances, because explosives are usually mixtures or formulations rather than specific chemicals.) The proposed chemicals on each list and the

threshold quantities for each chemical will determine whether owners and operators of facilities will need to comply with future regulations which will consider the prevention and detection of accidental releases. The CAA as amended requires EPA to review these lists at least every five years. This review may be initiated through petitions or by EPA's own action. EPA's proposed procedures for the addition or deletion of substances from the lists are contained in this rule. Individuals planning to petition EPA to modify the list are encouraged to request a pre-petition conference with EPA. Comments on this proposed rule will be accepted by EPA until March 22, 1993.
(1-19-93, 58 FR 5102, RU# 120-183.00)

4. Oil Pollution Prevention; Non-Transportation-Related Onshore Facilities - Proposed Rule

As mandated by section 311(j) of the Clean Water Act (CWA) as amended by section 4202(a) of the Oil Pollution Act (OPA), EPA proposes a revision to the Oil Pollution Prevention regulation in 40 CFR 112. The proposal would require owners and operators of non-transportation-related onshore facilities that handle oil to prepare plans for responding to a worst case discharge of oil and to a substantial threat of such a discharge. Non-transportation-related onshore facilities (e.g., oil well drilling and refining facilities and waste treatment facilities) are defined in appendix A to 40 CFR 112. The proposed rule would apply to any such facility that, because of its location, could reasonably be expected to cause "substantial harm" to the environment by a discharge of oil into navigable waters, adjoining shorelines, or the exclusive economic zone. EPA is considering two approaches for identifying which facilities will be subject to the proposed response plan requirements. The first option, which EPA favors, requires owners/operators of applicable facilities to evaluate their facilities against a set of criteria (e.g., oil storage capacity and proximity to sensitive environments and drinking water supplies) to determine whether a discharge of oil could cause "substantial harm" to the environment. Facilities meeting at least one of the criteria would have to prepare and submit a response plan to the appropriate EPA Regional Administrator (RA). However, regardless of the results of this self-selection screening process, the RA would still have the authority to require a response plan. In addition, for those facilities designated as having the potential to cause "substantial harm," the RA would consider additional criteria such as facility compliance history and age of tanks to determine if a facility could cause "significant and substantial harm" to the environment. The response plans submitted by this class of facilities would need EPA approval. The Agency's second option would require all regulated facilities to prepare a response plan. Facilities that could cause "substantial harm" and "significant and substantial harm" would be subject to the same requirements as those under option 1 (i.e., submission and, if necessary, approval of response plans). Under the proposed rule, an effective response plan would have several elements including an Emergency Response Action Plan and a detailed implementation plan for containment and disposal. To assist owners/operators in preparing response plans, the proposed rule contains a model facility response plan in Appendix G. Finally, section 311 of the CWA required affected facilities to submit response plans to EPA by February 18, 1993, or stop handling, storing, or transporting oil. In the preamble the

Agency states that, until this rule is finalized, owners/operators may use this proposal as guidance to meet the CWA requirements for facility response plans. Comments on the NPRM will be accepted by EPA until April 19, 1993.
(2-17-93, 58 FR 8824, RU# 145-002.01)

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
RESOURCE CONSERVATION AND RECOVERY ACT				
	Oil Pollution Prevention -- RU# 145-002.00			
	Pesticide Storage -- RU# 300-003.00			
840-024.00	Containerized Liquids in Landfills	NPRM 51 FR 46824 12/24/86 NOA	EPA prohibits the disposal in landfills of free liquids and containers with liquid hazardous wastes and excludes the use of absorbents that biodegrade and release liquids when compressed. These rules do not apply to owners or operators of landfills in which only PCB chemical waste regulated under 40 CFR 761 are disposed. This rule adopts the Paint Filter Liquids Test, Method 9095, for the testing of containerized liquids to which sorbents have been added before land disposal.	Effective 5/18/93.
	40 CFR 260	52 FR 23695 6/24/87 NOA		
	40 CFR 265	56 FR 55646 10/29/91 NOA		
	40 CFR 271	57 FR 18853 5/1/92 Final rule 57 FR 54452 11/18/92		
840-051.00	Solid Waste Disposal Facility Criteria	NPRM 53 FR 33314 8/30/88 Final rule 56 FR 50978 10/9/91 Notice 57 FR 7584 3/3/92 Technical corrections 57 FR 28626 6/26/92	EPA amends 40 CFR 257 by including information requirements for certain solid waste disposal facilities and excluding municipal solid waste landfills (MSWLFs) from Part 257 and adds a new Part 258 to spell out specific requirements for MSWLFs.	Effective 10/9/93 except Subpart G of Part 258 is effective 4/9/94.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-082.00	Identification of Hazardous Wastes by Toxicity Characteristics 40 CFR 261 40 CFR 271	NPRM 51 FR 21648 6/13/86 Final rule 55 FR 11798 3/29/90 Final rule amendment 57 FR 55114 11/24/92 Corrections 58 FR 6854 2/2/93	EPA amends its 3/29/90 TC final rule by removing the QA requirement found in Method 1311, TCLP, for correcting measures values for analytical bias (also referred to as spike recovery correction). EPA retains appropriate QA provisions, including the requirement that matrix spike recoveries be calculated and that the method of standard additions be employed as the quantification method for metallic contaminants when appropriate as specified in the method.	Final rule effective 9/25/90. Amendment effective 11/24/92.
840-090.01	Extension of States' Interim Authorization Option to Implement HSWA Regulations 40 CFR 271	Interim final rule 57 FR 60129 12/18/92	EPA issues an interim final rule extending from January 1, 1993 to January 1, 2003 the availability of interim authorization for states to implement requirements of the 1984 HSWA Amendments.	Extension effective 12/18/92. Final rule by 4/19/93.
*840-107.00	Location Standards for TSD Facilities 40 CFR 261 40 CFR 264 40 CFR 265 40 CFR 270	Notice 55 FR 19981 5/14/90 Planned NPRM 57 FR 52073 11/3/92	EPA plans to propose additional standards for location of hazardous waste treatment, storage, and disposal facilities, in particular, in a variety of sensitive environments. Floodplain and seismic restrictions already existing at 40 CFR 264.18 and 265.18 will be amended based on new data and information.	NPRM still at OMB. Rule implementation costs may delay issuance of NPRM until 2/94. Final rule undetermined.
840-131.00	Hazardous Waste TSD Facilities - Financial Assurance for Corrective Action 40 CFR 264 40 CFR 270 40 CFR 271	NPRM 51 FR 37854 10/24/86 Notice 54 FR 40728 10/3/89 Notice 55 FR 19981 5/14/90	EPA proposes to amend the financial responsibility and permitting standards for TSD owners and operators to require them to demonstrate financial assurance for completion of any required corrective action for a release to any medium from any solid waste management unit. Acceptable mechanisms include a trust fund, surety bond guaranteeing performance, letter of credit, financial test, or corporate guarantee.	On hold indefinitely.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-133.00	Solid Waste Management Units - Corrective Action Subpart S (Phase I - CAMUs and TUs) 40 CFR 260 40 CFR 264 40 CFR 265 40 CFR 268 40 CFR 270 40 CFR 271	NPRM 55 FR 30798 7/27/90 NOA 57 FR 48195 10/22/92 Final rule 58 FR 8658 2/16/93	EPA promulgates specific provisions for two newly created units that will be used for remedial purposes under RCRA corrective action authority and CERCLA authority: corrective action management units (CAMUs) and temporary units (TUs). The remainder of the proposed Subpart S corrective action rule will be promulgated later and tracked under RU# 840-133.01.	Effective 4/19/93.
840-133.01	Solid Waste Management Units - Corrective Action Subpart S (Phase II) 40 CFR 264 40 CFR 265 40 CFR 270 40 CFR 271	NPRM 55 FR 30798 7/27/90	EPA proposes procedures and technical requirements for implementing corrective action at RCRA solid waste management units (SMUs). The proposal would create a new Subpart S to define requirements for conducting remedial investigations, evaluating potential remedies, and selecting and implementing remedies at RCRA facilities.	Final rule 12/93.
840-142.01	Air Emission Standards for VOCs from Tanks and Impoundments at TSD Facilities - Phase II 40 CFR 264 40 CFR 265	NPRM 56 FR 33490 7/22/91 NOA 57 FR 43171 9/18/92 Regulatory Agenda 57 FR 52081 11/3/92	EPA proposes air emission standards for emissions of volatile organics from tanks and impoundments at hazardous waste TSD facilities. The standards would require that organic emission controls be installed and operated on tanks, surface impoundments, containers, and certain miscellaneous units if any hazardous waste having a volatile organic concentration equal to or greater than 500 ppm by weight is placed in the unit.	Final rule 6/93.
840-142.03	Air Emissions for TSD Facilities - Site-Specific Models - Phase III 40 CFR 264 40 CFR 265	Planned ANPRM 57 FR 52097 11/3/92	The Phase III project will use new data on TSD facilities to perform site-specific modeling of high-risk facilities. Possible outcomes include (1) additional standards for particular hazardous organic constituents, (2) a guidance document for RCRA permit writers, or (3) no additional action.	ANPRM 11/93.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-146.00	Treatment and Disposal of Contaminated Debris (LDRs - Phase I) 40 CFR 148 40 CFR 260 40 CFR 261 40 CFR 262 40 CFR 264 40 CFR 265 40 CFR 268 40 CFR 270 40 CFR 271	ANPRM 56 FR 24444 5/30/91 NPRM 57 FR 958 1/9/92 Notice 57 FR 20766 5/15/92 Final rule 57 FR 37194 8/18/92 Correction 57 FR 39275 8/28/92 Correction 57 FR 41173 9/9/92	EPA establishes treatment standards under the RCRA LDR program for certain newly listed wastes and contaminated debris pursuant to a proposed consent decree and finalizes revised treatment standards for other hazardous debris.	Final rule effective 6/30/92 except: LDRs effective 11/9/92, standards for generators, owners and operators effective 2/18/93. Generic extension of LDR effective date to 5/8/93 for certain debris is still in effect.
840-151.00	Compliance Monitoring and Enforcement - State Programs 40 CFR 271.15 40 CFR 271.16	Planned NPRM 57 FR 52074 11/3/92	The regulations for state authorization requirements for compliance monitoring and enforcement will be revised to reflect HSWA. EPA will consider other changes, such as the requirement for states to have administrative penalty authority.	NPRM undetermined.
*840-160.00	State Hazardous Waste Management Program - South Carolina 40 CFR 271	Immediate final rule 58 FR 7865 2/10/93	EPA give final authorization to South Carolina for revisions to its state hazardous waste management program, subject to public review and comment.	Effective 4/12/93.
*840-171.00	Groundwater Monitoring at Hazardous Waste Facilities - Subpart F 40 CFR 260 40 CFR 264 40 CFR 270	NPRM 53 FR 28160 7/26/88 Regulatory Agenda 57 FR 52080 11/3/92	EPA proposes to amend Subpart F groundwater monitoring regulations to foster the early detection of leaks and to better tailor the current groundwater monitoring regulations to site-specific conditions.	Final rule by 8/93.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-173.00	Solid Waste Test Methods (Manual SW-846 Third Edition - Update I) 40 CFR 260 40 CFR 261 40 CFR 262 40 CFR 264 40 CFR 265 40 CFR 268 40 CFR 270	NPRM 54 FR 3212 1/23/89 NOA 55 FR 4440 2/8/90 Notice 57 FR 55114 11/24/92 Corrections 58 FR 6854 2/2/93	EPA proposes to update the Third Edition of SW-846, incorporate it into the RCRA regulations, and mandate minimum QC procedures for all RCRA testing. EPA proposes a number of technical modifications and/or clarifications to the Third Edition of SW-846 and the inclusion of specific QC procedures in SW-846 which are described in the "Report on Minimum Criteria to Assure Data Quality." The Agency is also considering deleting appendices III and X to 40 CFR 261. In response to public comment, EPA gives notice that it has decided not to proceed with the proposed spike recovery correction QA requirements included in the revised Chapter I of SW-846 issued on 2/8/90.	Notice of 11/24/92 effective immediately. Final rule 3/93.
*840-173.01	Solid Waste Test Methods (Manual SW-846 Third Edition - Update II) 40 CFR 260 40 CFR 261 40 CFR 262 40 CFR 264 40 CFR 265 40 CFR 268 40 CFR 270	Planned NPRM 57 FR 52069 11/3/92	EPA will propose to revise certain test methods and add other new test methods that are approved or required under RCRA. These new and revised methods are found in Update II to the Third Edition of SW-846.	NPRM 3/93. Final rule 3/94.
*840-175.00	Releases to Groundwater (Subpart F) - Corrective Action 40 CFR 264 40 CFR 270	Planned NPRM 57 FR 52073 11/3/92	These regulations will amend the technical and procedural requirements for conducting corrective action to clean up significant releases to groundwater from regulated hazardous waste units at operating, closed, or closing RCRA facilities and the requirements for implementing remedial action, remedy selection, and corrective measures.	<u>NPRM placed on hold until 1994 pending final action on Subpart S (RU# 840-133.00) in 12/93.</u>
*840-176.00	Groundwater Monitoring - Hazardous Constituents 40 CFR 264 40 CFR 270	Planned NPRM 57 FR 52074 11/3/92	EPA will propose revisions to a list of hazardous constituents, Appendix IX of 40 CFR 264, for use in groundwater monitoring. This amendment would also create a new list for the first part (Detection Monitoring) of the groundwater monitoring program.	<u>NPRM 9/93.</u>
840-185.00	USTs Containing Hazardous Substances - Financial Responsibility 40 CFR 280	ANPRM 53 FR 3818 2/9/88 Planned NPRM 57 FR 52078 11/3/92	EPA will propose to establish financial responsibility requirements for owners and operators of underground storage tanks (UST) containing hazardous substances. An exemption is to be proposed for federally owned tanks.	NPRM 9/93. Final rule 9/94.

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840-193.00	No-Migration Variance for Restricted Hazardous Waste Land Disposal 40 CFR 268	Notice 56 FR 46431 9/12/91 NPRM; NOA 57 FR 35940 8/11/92 Regulatory Agenda 57 FR 52078 11/3/92	EPA proposes its interpretation of the "no migration" variance to the land disposal restrictions for untreated hazardous wastes. Additionally, the Agency proposes organic air emission standards for facilities granted a "no migration" variance to dispose of wastes not meeting BODAT treatment standards and announces the availability of a draft guidance manual for petitioners seeking the variance.	Final rule 12/93.
*840-206.00	State Hazardous Waste Management Program - Georgia 40 CFR 271	Immediate final rule 55 FR 30000 7/24/90 Correction 58 FR 9120 2/19/93	EPA approves revisions to Georgia's state hazardous waste management program, subject to public review and comment.	Final authorization effective 9/24/90. Correction of 2/19/93 effective retroactively to 9/24/90.
840-211.01	Hazardous Waste Manifest System 40 CFR Chapter 1	Immediate final rule 58 FR 11539 2/26/93	EPA grants final authorization to Georgia for revisions to its state hazardous waste management program, specifically to RCRA Cluster 1, subject to public review and comment.	Comments by 3/29/93. Final rule effective 4/27/93.
		Notice 57 FR 44147 9/24/92 Notice 57 FR 54203 11/17/92 Notice 57 FR 61866 12/29/92	EPA gives notice of the establishment of an advisory committee to negotiate a rule delineating a uniform national hazardous waste manifest.	NPRM by 6/93.
840-221.00	Use of Groundwater Data in Delisting Petitions - Subpart C 40 CFR 260.22	NPRM 54 FR 41930 10/12/89 Regulatory Agenda 57 FR 52079 11/3/92	EPA proposes to require those who submit delisting petitions for hazardous wastes to provide groundwater monitoring data as part of their petition.	Final rule 6/93.

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*840-229.00	State Hazardous Waste Management Program - Utah 40 CFR 271	Immediate final rule 58 FR 8232 2/12/93	EPA grants final authorization to Utah for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Effective 4/13/93.</u>
*840-230.01	USTs Containing Petroleum - Financial Responsibility Requirements 40 CFR 280	NPRM 55 FR 24692 6/18/90 Final rule 58 FR 9026 2/18/93	EPA adds to the 10/26/88 final rule four alternative mechanisms for use by local governments to demonstrate financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden and nonsudden accidental underground storage tank releases.	<u>Effective 3/22/93.</u> <u>Comments by 5/20/93.</u>
*840-240.00	State Hazardous Waste Management Program - Missouri 40 CFR 272	Immediate final rule 58 FR 3497 1/22/93	EPA grants final authorization to Missouri for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Effective 3/12/93.</u>
840-244.00	Standards for the Tracking and Management of Medical Waste 40 CFR 259	Interim final rule 54 FR 12326 3/24/89 Notice; final rule amendments 54 FR 24310 6/6/89 NOA 55 FR 1770 1/18/90 Corrections 55 FR 27228 7/2/90 NOA 55 FR 28096 7/9/90 NOA 55 FR 43219 10/26/90 NOA 56 FR 2178 1/22/91 Regulatory Agenda 56 FR 54064 10/21/91	EPA publishes an interim final rule implementing the Medical Waste Tracking Act (MWTA) demonstration program. The program sets forth segregation, packaging, labeling, tracking, transportation, and recordkeeping requirements of medical waste generated in the covered states, and lists the wastes to be covered by the program. States participating in the program include NY, NJ, CT, RI, and Puerto Rico. Interim final rule effective 6/22/89. Amendments effective 6/6/89. Tracking regulations effective 6/22/89 in NY, NJ, CT, 7/24/89 in RI and Puerto Rico. Final report to Congress delayed; no projected date.	

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-248.00	Revision of Subtitle C Financial Test Criteria 40 CFR 264 40 CFR 265	NPRM 56 FR 30201 7/1/91 Final rule 57 FR 42832 9/16/92	EPA revises the financial test criteria for closure and post-closure care, the claims reporting provision, and the provisions for obtaining a letter of credit. EPA will issue another final rule later addressing corporate third-party liability coverage and post-closure deed requirements.	Final rule of 9/16/92 effective immediately. No schedule for final rule on corporate financial test criteria as yet.
840-250.01	DOE Case-by-Case Extension on Mixed Waste Storage - Petition 40 CFR 268	Notice of proposed decision 57 FR 22024 5/26/92	EPA proposes to find that DOE has made all but one of the demonstrations required in its application, under RCRA rules in 40 CFR 268.5, for a one-year case-by-case extension of the 5/8/92 effective date of the LDRs applicable to certain mixed wastes generated or stored at 31 DOE facilities.	Date for final action on decision uncertain; no schedule yet.
840-250.02	EPA/NRC Guidance on Testing Mixed Radioactive and Hazardous Waste	NOA 57 FR 10508 3/26/92	NRC and EPA jointly issue a proposed guidance document on the testing of mixed radioactive and hazardous waste to assist mixed waste generators in identifying and performing the testing required under RCRA Subtitle C and to ensure that employee radiation exposures are ALARA.	Final guidance 7/93.
840-250.03	Technical Amendment to Third Third LDRs - Stay of Application 40 CFR 148 40 CFR 264 40 CFR 265 40 CFR 268	Technical amendments 57 FR 8086 3/6/92 Stay of technical amendment 57 FR 31962 7/20/92	EPA stays the 3/6/92 technical amendment of the 6/1/90 third third LDR final rule as it applies to deep wells receiving prohibited characteristic wastes and newly identified or listed unprohibited wastes.	Stay of technical amendment of 3/6/92 expired; extension of stay denied. Amendment superseded by district court ruling, but ruling is being appealed.
840-250.04	Third Third LDRs - National Capacity Variance for Mixed Wastes and Certain Hazardous Soils 40 CFR 268	Interim final variance 57 FR 47772 10/20/92	In its final rule of 6/1/90, EPA set treatment standards and LDRs for the third third wastes and granted a national capacity variance for mixed wastes and certain hazardous soils until 5/8/92. EPA now approves an interim final case-by-case extension to 5/8/93 of that national capacity variance for hazardous soils whose BDAT was incineration, retorting, or vitrification and for radioactive mixed wastes. The Administrator may renew this extension to allow continued land disposal until 5/8/94.	Capacity variance extended to 5/8/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-250.05	LDRs for Third Third Wastes - Revised Toxicity Characteristic Waste Standards 40 CFR 148 40 CFR 261 40 CFR 268	NOA 58 FR 4972 1/19/93	EPA announces the availability of information, developed in order to implement a recent court decision, on options for establishing revised treatment standards for RCRA toxicity characteristic wastes. The original standards were issued as part of the 6/1/90 third third rule.	<u>Next action undetermined.</u>
840-251.00	Hazardous Waste Sump Requirements 40 CFR 260 40 CFR 264 40 CFR 265	Planned NPRM 57 FR 52074 11/3/92	EPA will propose to amend several hazardous waste tank system requirements as applied to existing sumps that are situated inside buildings and constructed as an integral part of the building's floor or foundation. Boeing Company is petitioning EPA to regulate these sumps independently of other hazardous waste storage/treatment tank systems because of differences in design, construction, and use.	NPRM 3/93. Final rule 9/93.
*840-263.00	DOE's ER/WM Five-Year Plan - Fiscal Years 1994-1998	NOA 58 FR 4692 1/15/93	DOE announces the availability of its Environmental Restoration and Waste Management (ER/WM) Five-Year Plan for Fiscal Years 1994-1998.	<u>Comments by 3/30/93.</u>
840-267.00	Identification and Listing of Hazardous Wastes from Chlorotoluene Production 40 CFR 261 40 CFR 271 40 CFR 302	NPRM 56 FR 51592 10/11/91 Final rule 57 FR 47376 10/15/92	EPA lists chlorinated toluenes production wastes as hazardous and designates these wastes as CERCLA hazardous substances with appropriate Rds.	Effective 4/15/93.
*840-266.00	Permit Modifications to Hazardous Waste Management Facilities to Correct Omitted Requirements 40 CFR 270.41	Planned NPRM 57 FR 52068 11/3/92	Amendment will allow EPA to modify a permit to correct an inadvertent omission of an applicable RCRA requirement which is in effect prior to the date of permit issuance. The permit correction would follow the modification procedures in 40 CFR 124. Citizens would be able to request such a correction using existing procedures in 40 CFR 124.5.	NPRM 12/93. Final rule 12/94.
840-287.00	Adequacy Determinations for State/Tribal Solid Waste Programs 40 CFR 239	Planned NPRM 57 FR 52076 11/3/92	This regulation will describe procedures EPA will use to make determinations of adequacy for state/tribal solid waste permitting programs, as required by Sect. 4005 of RCRA.	NPRM 3/93; still at OMB. Final rule 8/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-294.00	Amendments to Biennial Reporting Requirements 40 CFR 262.41 40 CFR 264.75 40 CFR 265.75 40 CFR 271.10	Planned NPRM 57 FR 52073 11/3/92	EPA plans an amendment to require states to modify their hazardous waste reporting systems to collect additional data elements from their large quantity generators and ISO facilities. Such data will help EPA to better understand the demographics of hazardous waste generation and management.	<u>NPRM 4/93. Final rule 4/94.</u>
840-295.00	Treatment of Indian Tribes as States Under RCRA Subtitle C 40 CFR 271	Planned NPRM 57 FR 52075 11/3/92	EPA will propose to treat Indian tribes as states for purposes of the Subtitle C program. This regulation will establish the definition of an Indian tribe and the criteria it must meet to be treated as a state for authorization purposes.	<u>NPRM 3/93. Final rule 3/94.</u>
*840-305.00	Treatment and Disposal of Hazardous Soil (LDRs - Phase II) 40 CFR 268	ANPRM 56 FR 55160 10/24/91 Planned NPRM 57 FR 52066 11/3/92	EPA will propose treatment standards that must be met before contaminated hazardous soil may be disposed of on land.	Rulemaking on hold; under renegotiation.
*840-305.01	Treatment and Disposal of Newly Identified Wastes; TC Organic Wastes (LDRs - Phase II) 40 CFR 268	ANPRM 56 FR 55160 10/24/91 Planned NPRM 57 FR 52067 11/3/92	EPA will propose treatment standards that must be met before certain newly identified wastes (e.g., toxicity characteristic wastes) can be disposed of on land.	<u>This rulemaking action will be combined with the rule for hazardous soils (RU# 840-305.00) and issued as one NPRM.</u>
*840-307.00	Hazardous Waste Recycling - Batteries, Closed Loop; Use Constituting Disposal (Universal Waste Rule) 40 CFR 260-262 40 CFR 264-265 40 CFR 268 40 CFR 270 40 CFR 273	NPRM 58 FR 8102 2/11/93	EPA proposes streamlining requirements for the collection of certain widespread post-user items that are hazardous wastes (e.g., certain batteries and cancelled and suspended or recalled pesticides) to facilitate the separation of these materials from the municipal waste stream and encourage proper treatment and/or recycling.	<u>Comments by 4/12/93. Final rule 3/94. NPRM on "use constituting disposal" put on delayed track.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-310.00	Hazardous Waste Identification Rule (Mixture and Derived From) 40 CFR 260 40 CFR 261 40 CFR 262 40 CFR 264 40 CFR 268	Interim final rule 57 FR 7628 3/3/92 NPRM 57 FR 7636 3/3/92 Technical corrections 57 FR 23062 6/1/92 Final rule 57 FR 49278 10/30/92	EPA removes the 4/28/93 expiration date from its reinstatement of the "mixture" and "derived from" rules published 3/3/92 to assure continuity of the existing national hazardous waste program while EPA determines the most appropriate approach for modification of the rules.	Interim final rule effective 2/18/92. Corrections effective 6/1/92. NPRM 10/93. Final rule 10/94.
*840-313.00	Land Disposal Restrictions for Newly Identified Wastes - Phase III 40 CFR 268	ANPRM 57 FR 55160 10/24/91 Planned NPRM 57 FR 52067 11/3/92	EPA will propose BDAT and LDRs for wood preserving waste, aluminum potliners, and characteristically hazardous mineral processing wastes.	NPRM 12/93. Final rule 12/94.
*840-315.00	Guidance on Storage of Low-Level Radioactive Mixed Waste	Notice 57 FR 48051 10/21/92	EPA and NRC plan to issue a joint guidance document on the storage of mixed radioactive and hazardous waste to assist individuals currently storing mixed waste to meet the regulatory requirements of AEA and RCRA, and have scheduled a meeting to receive input on issues to be addressed in the document.	Proposed guidance just beginning development; no schedule for action yet.
*840-316.00	Hazardous Waste Management System - Post-Closure Requirements 40 CFR 264 40 CFR 265 40 CFR 270	Planned NPRM 57 FR 52068 11/3/92	EPA will modify the regulations to expand and improve the mechanisms available for addressing post-closure care at hazardous waste land disposal facilities to allow substitution of enforcement mechanisms for post-closure permits in some cases.	NPRM 7/93. Final rule 7/94.
*840-317.00	Interim Status Groundwater Monitoring Requirements for Newly Regulated Land Disposal Facilities 40 CFR 265 40 CFR 270	Planned NPRM 57 FR 52068 11/3/92	EPA will propose to clarify and revise the timing of certain monitoring requirements and revise the groundwater monitoring certification requirement for interim status land disposal facilities.	NPRM tabled until 1994.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-318.00	Spent Solvents Listing Determination and Study 40 CFR 261 40 CFR 271 40 CFR 302	Planned NPRM 57 FR 52068 11/3/92	EPA will propose to list or not list as RCRA hazardous wastes ten spent solvents and/or still bottoms from their recovery. The solvents are cumene, phenol, isophorone, acetone, furfural, epichlorohydrin, methyl chloride, ethylene dibromide, benzyl chloride, and p-dichlorobenzene. Any solvents listed will be added to the CERCLA list of hazardous substances with reportable quantities.	NPRM 4/94. Final rule 6/95.
840-319.00	Chlorinated Aliphatics Listing Determination Under RCRA Subtitle C 40 CFR 261 40 CFR 271 40 CFR 302	Planned NPRM 57 FR 52069 11/3/92	EPA will propose to list or not to list as RCRA hazardous wastes wastewaters and wastewater treatment sludge from the production of approximately 25 chlorinated aliphatics. If listed, these wastes will be designated as CERCLA hazardous substances with reportable quantities established.	NPRM 12/94. Final rule 10/95.
840-320.00	Delisting Program - Incorporation of EPA's Composite Model for Landfills 40 CFR 260.22	Planned NPRM 57 FR 52070 11/3/92	The delisting program intends to promulgate the use of EPA's Composite Model for Landfills (EPACML) into the delisting regulations for predicting the potential impact on human health and the environment of hazardous constituents that may be released from the petitioned wastes. Currently the RCRA regulations do not include any specific model for use in delisting.	NPRM 12/93. Final rule 12/94.
840-321.00	Suspension of the TC Rule for Non-UST Petroleum Contaminated Media 40 CFR 261	NPRM 57 FR 61542 12/24/92	EPA proposes to suspend the toxicity characteristic (TC) rule in states with adequate petroleum response programs, as it applies to non-UST petroleum contaminated media and debris (waste codes D018-D043), for a period of three years while EPA researches and makes a final decision as to the appropriate regulatory treatment for these materials.	Final rule 8/93.
*840-322.00	Applicability of the TC Rule to Petroleum-Contaminated Media and Debris from USTs 40 CFR 261	NPRM 58 FR 8504 2/12/93	EPA proposes to exempt petroleum-contaminated media and debris, such as s.s. and groundwater, generated from UST corrective actions from certain hazardous waste regulations under RCRA. The exemption would be limited to the 25 newly listed organic chemicals under the TC (hazardous waste codes D018 through D043).	Comments by 4/13/93. Final rule 4/94.
840-323.00	Identification and Listing of Hazardous Waste Treatability Studies Sample Exemption 40 CFR 261	Planned NPRM 57 FR 52071 11/3/92	Under the existing treatability studies exclusions, up to 1000 kg of non-acutely hazardous waste may be treated from a single waste stream with a maximum of 250 kg per day. This quantity limit is insufficient for testing many pilot-scale technologies. EPA will revise this to set new limits based on needs for testing and de minimus risk.	NPRM 6/93. Final rule 3/94.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-324.00	Revision of Designation of Pentachlorophenol Listed Wastes and Basis for Listing Criteria 40 CFR 260-261 40 CFR 264-265 40 CFR 271 40 CFR 302	Planned NPRM 57 FR 52072 11/3/92	EPA will propose to delete part of F027, discarded unused formulations of pentachlorophenol, and to add it as U242, pentachlorophenol, to the RCRA listed hazardous wastes under 40 CFR 261.33. EPA will also clarify the criteria used for listing and propose less stringent management standards for F021 and discarded unused portions containing pentachlorophenol.	NPRM 3/93. Final rule undetermined.
840-325.00	Field Filtering of Ground Water Samples Under Subtitles C and D 40 CFR 258.51(b) 40 CFR 264.97(e)	Planned NPRM 57 FR 52075 11/3/92	Subtitle D presently bans field filtering of groundwater monitoring samples, and subtitle C intends to propose a similar ban. EPA will present its explanation for the banning decision and will propose, based on comments/data, to either (1) remove the ban/intent to ban from subtitle D or (2) maintain the ban in subtitle D and institute it in subtitle C.	NPRM 3/93.
840-326.00	Clarify Lender Liability for Underground Storage Tanks 40 CFR 280	Planned NPRM 57 FR 52077 11/3/92	This regulation will clarify the liability of secured creditors ("lenders") regarding contaminated properties they hold as collateral. The clarification is needed to remove a current barrier to the financing of UST facilities and increase the amount of capital available to UST owners.	NPRM 5/93. Final rule 11/93.
*840-328.00	Hazardous Waste Imports/Exports - Implementation of OECD Decision for Recyclable Wastes 40 CFR 261-266	Planned final rule 57 FR 52079 11/3/92	On March 30, 1992, the Organization for Economic Cooperation and Development (OECD) adopted the Council's Final Decision on the Control of Transfrontier Movements of Wastes Destined for Recovery Operations. This decision establishes a graduated system of procedural controls for the export and import of wastes for recovery depending on whether a waste is included in the green, amber, or red lists. EPA will codify this legally binding decision in a RCRA final rule.	Final rule 6/93.
*840-329.00	Modifications to Definition of Solid Waste and Hazardous Waste Recycling 40 CFR 261 40 CFR 266	Planned ANPRM 57 FR 52066 11/3/92	EPA will propose to improve the implementation of the regulations that define a solid waste and the regulations governing the recycling of hazardous wastes.	ANPRM 3/93.
*840-330.00	Standard on Safe Entry and Cleaning of Petroleum Storage Tanks	NOI 58 FR 3934 1/12/93	The National Institute of Standards and Technology, on behalf of the American Petroleum Institute (API), announces a proposed revision to the standard API publication 2015, "Safety Entry and Cleaning of Petroleum Storage Tanks."	Comments by 3/15/93.

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COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT				
Non-APA Consolidated Rules of Practice for Administrative Assessment of Civil Penalties Under CERCLA, SARA, SDWA, and CMA -- RU# 190-059.00				
List of Substances and Threshold Quantities -- RU# 120-183.00				
Identification and Listing of Hazardous Wastes from Chlorotoluene Production -- RU# 840-267.00				
*180-025.00	Natural Resource Damage Assessments - Type B 43 CFR 11	ANPRM 54 FR 39016 9/22/89 NPRM 56 FR 19752 4/29/91 Regulatory Agenda 57 FR 51455 11/3/92	To comply with a court decision, DOI proposes revisions to the type B natural resource damage assessment rule. The proposed rule provides for a unified process for trustees to develop claims for both (1) the costs of restoration, rehabilitation, replacement, and/or acquisition of equivalent resources and (2) reliably calculated lost values of the injured resources, with no required hierarchy of valuation methodologies for determining those values.	Action by 5/93; may issue final rule or may reopen comment period.
*180-031.00	Response Claims Procedures 40 CFR 307	NPRM 54 FR 37892 9/13/89 Corrections 54 FR 46423 11/3/89 Final rule 58 FR 5460 1/19/93	EPA establishes procedures for (1) filing, evaluating, and resolving claims for costs incurred for responding to releases of hazardous substances, pollutants, or contaminants and (2) notifying concerned parties regarding limitations on the payment of response claims.	Effective 2/22/93.
*180-042.00	Federally Permitted Releases 40 CFR 117 40 CFR 302 40 CFR 355	NPRM 53 FR 27268 7/19/88 Supplemental Notice 54 FR 29306 7/11/89 Regulatory Agenda 57 FR 52114 11/3/92	EPA proposes to clarify the federally permitted release exemptions from CERCLA release reporting and liability provisions.	Final rule 4/93.

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180-056.00	Designation of Extremely Hazardous Substances as CERCLA Hazardous Substances 40 CFR 302	NPRM 54 FR 3388 1/23/89 Notice 54 FR 15802 4/19/89 Regulatory Agenda 57 FR 52110 11/3/92	EPA proposes to designate 226 extremely hazardous substances (EHSs), as defined in Sect. 302 of SARA, as hazardous substances pursuant to Sect. 102 of CERCLA. EPA intends to reduce potential confusion concerning the different SARA Title III and CERCLA requirements by ensuring consistent procedures for reporting releases of all EHSs.	Final rule returned by OMB for reconsideration; no schedule for action.
*180-065.00	Reimbursement to Local Governments for Emergency Response to Hazardous Substance Releases 40 CFR 310	Interim final rule 52 FR 39386 10/21/87 Final rule 58 FR 4816 1/15/93	EPA authorizes reimbursement of local governments for costs incurred in providing temporary emergency measures in response to releases of hazardous substances. Reimbursement is limited to \$25,000 per incident and is not intended to supplant local funds normally provided for response.	Effective 10/14/92.
180-072.00	RQ Adjustments for Substances on the Extremely Hazardous Substances List 40 CFR 117 40 CFR 302 40 CFR 355	NPRM 54 FR 35988 8/30/89 Regulatory Agenda 57 FR 52114 11/3/92	EPA proposes to adjust the reportable quantities (RQs) for 225 substances on the extremely hazardous substance list, which EPA has proposed for designation as CERCLA hazardous substances and 19 substances that are already CERCLA hazardous substances. In addition, EPA will incorporate the threshold planning quantity methodology as part of the RQ adjustment methodology.	Final rule 6/93.
180-077.00	Natural Resource Damage Assessments-Type A - Coastal and Marine Environment 43 CFR 11	ANPRM 54 FR 5093 2/1/89 ANPRM 54 FR 39013 9/22/89 Planned NPRM 57 FR 51453 11/3/92	DOI intends to revise the type A natural resource damage assessment procedure for coastal and marine environments to conform with recent court rulings, specifically, the incorporation of restoration or replacement values and the inclusion of all reliably calculated lost use values, with no required hierarchy of methodologies for conducting those valuations.	NPRM 6/93.

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RJ NO.	REQUIREMENT	STATUS (e)	ANTICIPATED CHANGES	SCHEDULED ACTION
*180-077.01	Natural Resource Damage Assessments - Type A - Great Lakes Environment 43 CFR 11	ANPRM 53 FR 20143 6/2/88 ANPRM 54 FR 39015 9/22/89 Correction 54 FR 41363 10/6/89 Planned NPRM 57 FR 51452 11/3/92	DOI intends to make modifications to its ongoing efforts to develop a type A natural resource damage assessment procedure for Great Lakes environments to conform with recent court rulings.	NPRM beginning interagency review; expect publication 7/93.
*180-092.00	National Contingency Plan - Subpart K, Federal Facilities Requirements 40 CFR 300	Planned NPRM 57 FR 52111 11/3/92	EPA plans to propose Subpart K which will serve as a roadmap to the MCP for requirements pertaining to federal agencies conducting response actions at federal facilities where the release is on or where the sole source is from their facility.	NPRM in interagency review until at least 6/93. Final rule undetermined.
180-096.00	CERCLA Cost Recovery Program 40 CFR 300 40 CFR 308	NPRM 57 FR 34742 8/6/92 Regulatory Agenda 57 FR 52111 11/3/92	EPA is granted the authority, under CERCLA, to hold potentially responsible parties (PRPs) liable for the cost of cleanup. It is Agency policy to pursue those PRPs for cost expected if a cleanup settlement is not reached. EPA proposes specific recoverable costs, the documentation sufficient to prove EPA's case, and the documents that will be available to PRPs.	Final rule 3/93.
180-105.00	RGs of Lead, Lead Compounds, and Lead-Containing Hazardous Waste Streams 40 CFR 117 40 CFR 302 40 CFR 355	NPRM 57 FR 20014 5/8/92 Correction 57 FR 28471 6/25/92 Regulatory Agenda 57 FR 52114 11/3/92	EPA proposes to adjust the reportable quantity for lead metal, lead compounds, and lead-containing hazardous waste streams to 10 pounds, and for methyl isocyanate to 100 pounds.	Final rule 5/93.
180-106.00	Procedures for Reimbursement Petitions Under CERCLA 40 CFR undetermined	NOA 57 FR 36402 8/13/92 Planned NPRM 57 FR 52112 11/3/92	EPA is considering proposing a rule to set out a uniform process to review petitions for cost reimbursement filed by parties who have been ordered to clean up Superfund sites.	NPRM 3/93.

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180-119.00	CAA Hazardous Pollutants - CERCLA Designation and RW Adjustments 40 CFR 302.4	Planned NPRM 57 FR 52110 11/3/92	EPA will designate as CERCLA hazardous substances non-CERCLA hazardous air pollutants recently added to Sect. 112 of the CAA by the amendments of 1990 and will adjust the RQs of these hazardous air pollutants.	NPRM 4/93. Final rule 4/94.
180-120.00	Procedures for Contract Laboratory Program - MCP Investigation - MCP Appendix 40 CFR 300	NPRM 57 FR 21576 5/20/92 Regulatory Agenda 57 FR 52115 11/3/92	EPA proposes procedures for OSWER to deal consistently with Contract Laboratory Program (CLP) labs under investigation for alleged fraud.	Final rule 3/93.
*180-121.00	Federal Agency Hazardous Waste Compliance Docket	Notice 58 FR 7298 2/5/93	EPA publishes the seventh update of the Federal Agency Hazardous Waste Compliance Docket under Sect. 120(c) of CERCLA. The Docket contains information regarding federal facilities that manage hazardous waste or from which hazardous substances may be or have been released.	List is current as of 12/7/92.
180-124.00	Settlement Policy on Risk Assessments at Superfund Sites	Notice 57 FR 6116 2/20/92	EPA announces it will evaluate its settlement policy on the performance of risk assessments at Superfund sites under CERCLA.	NOA of evaluation report 3/93; final decision on settlement policy 8/93.
180-126.00	National Priorities List - Thirteenth Update 40 CFR 300	NPRM 57 FR 47204 10/14/92	EPA proposes to add nine sites, including one federal facility site, to the NPL. The federal facility site is a naval air station.	Final rule 9/93.
*180-133.00	Administrative Reporting Exemptions for Certain Radionuclide Releases 40 CFR 302 40 CFR 355	NPRM 57 FR 56726 11/30/92 Correction 58 FR 5056 1/25/93	EPA proposes administrative reporting requirements for radionuclide releases from (1) large land holdings, (2) disturbances of land for purposes other than mining, (3) the dumping of coal and coal ash at utility and industrial facilities with coal-fired boilers, and (4) coal and coal ash piles at these facilities.	Final rule 1/94.
*180-134.00	National Priorities List - Fourteenth Update 40 CFR 300	Planned NPRM 57 FR 52112 11/3/92	EPA will propose to revise the national priorities list (NPL) for uncontrolled waste sites. This will be the fourteenth update of the NPL.	NPRM 5/93.

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180-135.00	National Contingency Plan - Technical Revisions 40 CFR 300	Planned NPRM 57 FR 52113 11/3/92	EPA has identified several provisions in the NCP that may be interpreted differently than the Agency intended. EPA will propose clarifications to four sections of the NCP to eliminate potential ambiguity and reaffirm the Agency's original intent.	NPRM 3/93.
180-136.00	Hazardous Substance Response and Emergency Response Worker Training and Contractor Certification Program CFR undetermined	Planned NPRM 57 FR 51264 11/3/92	DOE is required to assess civil penalties against contractors at DOE nuclear weapons facilities who fail either to provide training to employees engaged in hazardous substance response and emergency response or fail to certify that such workers have been adequately trained. This regulation will provide the requirements for this training and the procedures for enforcement.	NPRM undetermined.
180-137.00	Disclosure of Confidential Data to PRPs and Authorized U.S. Representatives 40 CFR 2	Interim final rule 58 FR 458 1/5/93	EPA issues an interim final rule modifying regulations in 40 CFR 2, subpart 2 governing the disclosure of confidential business information submitted pursuant to Sect. 104 of CERCLA.	Effective 1/5/93.
180-138.00	Neurotoxicity Risk Assessment Guidelines Report	NOA 58 FR 8595 2/16/93	EPA announces the availability of a workshop report entitled "Report of the Neurotoxicity Risk Assessment Guidelines Peer Review Workshop (EPA/630/R-92/003)" which compiles discussions and presentations from the June 1992 workshop.	Obtain copies from ORD Publications Office. (513) 569-7562.
FEDERAL FACILITIES COMPLIANCE ACT				
185-001.00	National Compliance Plan for DOE Mixed Waste	NOA 57 FR 57170 12/3/92	In response to the Federal Facilities Compliance Act of 1992, DOE issues a draft Strategy for Development of a National Compliance Plan for DOE Mixed Wastes. Purpose of the Strategy is to indicate how DOE will develop a National Compliance Plan which will integrate DOE's current mixed waste management activities into a comprehensive long-range plan to ensure development of adequate waste treatment capacity and to promote compliance with applicable laws and regulations.	Issue draft of National Compliance Plan by 10/93; issue final for EPA/state comments by 10/94.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT				
Mandatory Pollution Prevention Reporting in TRI Reports -- RU# 195-002.00				
SARA Section 110 Chemicals Generic Test Rule -- RU# 920-113.00				
*190-042.00	Administrative Hearing Procedures for Superfund Claims 40 CFR 305	Interim final rule 58 FR 7704 2/8/93	EPA establishes procedures for conducting administrative hearings for persons who have made claims against Superfund but are dissatisfied with the award.	Effective 2/8/93. Comments by 4/9/93.
*190-043.00	Superfund Response Action Contractor Indemnification	Proposed policy 54 FR 46012 10/31/89 Final policy 58 FR 5972 1/25/93	Sect. 119 provides the President with discretionary authority to indemnify response action contractors (RACs) for negligent releases arising out of response action activities at sites on the NPL and removal action sites. As delegated by the President, EPA may also extend indemnification to states (or a political subdivision) and potentially responsible parties (PRPs). EPA now issues a final guidance document which discusses the scope and conditions of indemnification for RACs.	Effective 1/25/93.
190-053.00	Toxic Chemical Release Reporting - Ammonium Sulfate 40 CFR 372	NPRM 55 FR 12144 3/30/90 NOA 55 FR 12148 3/30/90	In response to a petition, EPA proposes to delete ammonium sulfate (solution) from the list of toxic chemicals under Sect. 313 of SARA because releases of ammonium sulfate (solution) can be more effectively covered by the ammonia listing. EPA is clarifying the ammonia listing so that it encompasses other sources of aqueous ammonia.	Final rule undetermined; EPA will not release schedule for action.
*190-055.00	Extremely Hazardous Substance List - Explosivity Criteria 40 CFR 355	ANPRM; NOA 55 FR 35012 8/27/90 Planned NPRM 57 FR 52113 11/3/92	EPA is considering proposing that chemicals displaying certain flammability and explosivity criteria be added to the list of extremely hazardous substances under Title III of SARA. The Agency announces the availability of technical background documents on the potential criteria for listing explosives and flammables.	On hold pending response to listing of explosives on CAA list of substances (RU# 120-183.00). May be dropped.
190-059.00	Non-APA Consolidated Rules of Practice for Administrative Assessment of Civil Penalties Under CERCLA, SARA, SDWA, and CWA 40 CFR 28	NPRM 56 FR 29996 7/1/91	EPA proposes non-APA (Administrative Procedure Act) consolidated rules of practice for its administrative assessment of Class I and II civil penalties under Sect. 109 of CERCLA, Sect. 325 of EPCRA, Sects. 309 and 311 of CWA, and Sect. 1423 of SDWA.	Final rule 8/93.

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*190-060.00	Toxic Chemical Release Reporting - Sulfuric Acid 40 CFR 372	NPRM 56 FR 34156 7/26/91 Comment period reopened 58 FR 6609 2/1/93	EPA grants a petition to modify the listing for sulfuric acid on the list of toxic chemicals subject to Sect. 313 of EPCRA. Specifically, EPA proposes to delete nonaerosol forms of sulfuric acid from the list of toxic chemicals subject to Sect. 313.	Comments by 4/2/93. Final rule undetermined.
*190-061.00	Addition of Air Toxics to Toxics Release Inventory 40 CFR 372	Planned NPRM 57 FR 52043 11/3/92	EPA will propose to add 17 chemicals to the list of toxic chemicals subject to Sect. 313 reporting requirements under EPCRA. Sixteen were designated hazardous air pollutants under the CAA Amendments of 1990; the seventeenth is extremely toxic to aquatic organisms.	NPRM 8/93.
190-063.00	Toxic Chemical Release Reporting - HCFCs 40 CFR 372	NPRM; NOA 57 FR 28159 28180 6/24/92	EPA proposes to add hydrochlorofluorocarbons (HCFCs) as a category to the list of toxic chemicals subject to reporting under Sect. 313 of EPCRA. A guidance document on HCFCs covered by the proposed category is available.	Final rule 6/93.
190-064.00	Toxic Chemical Release Reporting - Addition of Chemicals; SNUR 40 CFR 372 40 CFR 721	NPRM 57 FR 41020 9/8/92	In response to a petition, EPA proposes to add 68 chemicals and 2 chemical categories to the list of toxic chemicals subject to EPCRA reporting. Alternatively, EPA proposes to add only those identified chemicals that are produced in quantities greater than a certain annual manufacturing volume threshold set by EPA, and proposes a significant new use rule (SNUR) under TSCA that would cover substances manufactured in amounts less than this manufacturing volume threshold.	Final rule 9/93.
190-065.00	Amendments to the Extremely Hazardous Substances List Under EPCRA 40 CFR 355	Planned NPRM 57 FR 52113 11/3/92	EPA will correct mistakes found in the extremely hazardous substances list under Sect. 302 of EPCRA due to errors found in the studies used to place the chemicals on the list.	NPRM 6/93. Final rule 6/94.
190-066.00	EPCRA Toxic Release Inventory - Expanded Reporting Requirements 40 CFR 372	Planned NPRM 57 FR 52043 11/3/92	EPA is considering an expanded list of chemicals that facilities will have to submit information on for the Toxic Release Inventory. Also, the list of facilities required to submit such information may be expanded. EPA will selectively propose groupings of chemicals and industries to be added.	NPRM 8/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*190-067.00	Toxic Chemical Release Reporting - Deletion of Di-n-octyl phthalate 40 CFR 372	NPRM 58 FR 4133 1/13/93	EPA proposes to grant a petition to delete di-n-octyl phthalate from the list of toxic chemicals subject to reporting under Sect. 313 of EPCRA.	Comments by 3/15/93.
POLLUTION PREVENTION ACT				
*195-002.00	Mandatory Pollution Prevention Reporting in TRI Reports 40 CFR 372	NPRM 56 FR 48475 9/25/91 Notice 57 FR 22330 5/27/92 Regulatory Agenda 57 FR 52048 11/3/92	EPA proposes to make mandatory the reporting of source reduction and recycling information in the Toxic Chemical Release Inventory (TRI) reports, including the quantity of a chemical entering any wastewater, released, recycled, or treated at a facility, and a production ratio or activity index for the reported chemical.	Final rule 8/93.
SAFE DRINKING WATER ACT				
Drinking Water Chemicals Proposed Test Rule - RU# 920-123.00				
Non-APA Consolidated Rules of Practice for Administrative Assessment of Civil Penalties Under CERCLA, SARA, SDWA, and CWA - RU# 190-059.00				
800-007.00	Primary Drinking Water Regulations - Radionuclides (Phase IV) 40 CFR 141 40 CFR 142	ANPRM for MCLGs 48 FR 45502 10/5/83 ANPRM for MCLs 51 FR 34836 9/30/86 NPRM 56 FR 33050 7/18/91 Corrections 56 FR 43573 9/3/91 Corrections 56 FR 52241 10/18/91 Regulatory Agenda 57 FR 52065 11/3/92	EPA proposes MCLGs of zero and the following MCLs for radionuclides: radium-226 and radium-228, 20 pCi/l; radon-222, 300 pCi/l; uranium, 30 pCi/l; beta and photon emitters (excluding radium-228), 4 mrem/yr; gross alpha emitters (excluding radium-226, uranium, and radon-222), 15 pCi/l. EPA also proposes monitoring, reporting, and public notification requirements for these radionuclides.	Final rule scheduled for 4/93 but Congress voted to delay the regulation until the end of 1993. EPA will propose an extension and probably issue final rule in 1994.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

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880-010.01	NPDWRs - Revisions to Monitoring Requirements for Eight VOCs; MCLGs/MCLs for Five Others 40 CFR 141 40 CFR 142	NPRM 56 FR 3600 1/30/91 Final rule 56 FR 30266 7/1/91 Notice 57 FR 22178 5/27/92	EPA revises monitoring requirements for the eight VOCs promulgated 7/8/87 (52 FR 25690) and sets MCLs and MCLGs for aldicarb, aldicarb sulfonate, aldicarb sulfone, pentachlorophenol, and barium. EPA postpones the 1/1/93 effective date of the SDWA regulations for aldicarb, aldicarb sulfonate, and aldicarb sulfone to reconsider the MCLGs and MCLs for these compounds.	Monitoring/sampling requirements effective 7/30/92. MCLs/MCLGs effective 1/1/93 for pentachlorophenol and barium; effective date postponed indefinitely for aldicarb compounds.
880-011.00	NPDWRs - Groundwater Disinfection 40 CFR 141 40 CFR 142	NOA 57 FR 33960 7/31/92 Planned NPRM 57 FR 52062 11/3/92	EPA will propose that all public water systems using groundwater use disinfection treatment processes; variance criteria will be developed. The Agency intends to propose MCLs and MCLGs or treatment technique requirements for disinfectants and disinfection by-products as part of Phase VI (see RU# 880-050). EPA makes available a draft summary of the Groundwater Disinfection Rule.	NPRM 8/94. Final rule 9/96.
880-013.00	NPDWRs - Inorganic and Organic Compounds (Phase V/24) 40 CFR 141 40 CFR 142 40 CFR 143	ANPRM 48 FR 45502 10/5/83 NPRM 55 FR 30370 7/25/90 NOA 56 FR 60949 11/29/91 Final rule 57 FR 31776 7/17/92 Notice 57 FR 46025 10/6/92	EPA sets MCLs and MCLGs for 18 synthetic organic chemicals and five inorganic chemicals. The NPDWRs consist of MCLs and monitoring, reporting, and public notification requirements. EPA defers setting an MCL/MCLG for sulfate and a SMCL for hexachlorocyclopentadiene at this time. EPA also sets the best available technology (BAT) upon which the MCLs are based and BAT for the purpose of issuing variances.	MCLs/MCLGs effective 1/17/94 except for Endrin's which is effective 8/17/92.
880-013.01	NPDWRs - Sulfate 40 CFR 141 40 CFR 142	Planned NPRM 57 FR 52063 11/3/92	EPA will propose a NPDWR and MCLG for sulfate in drinking water. The contaminant was deferred from the Phase V regulation in order to allow the Agency time to focus on implementation issues concerning the risk to specific subpopulations of sulfate in drinking water.	NPRM 12/93. Final rule 6/95.

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880-027.00	Amendments to the UIC Program ("Reg Fix Package") 40 CFR 144 40 CFR 146	NPRM 52 FR 26462 6/28/90 Regulatory Agenda 57 FR 52064 11/3/92	EPA proposes amendments to the UIC noncompliance and program reporting requirements and to the mechanical integrity requirements. EPA also clarifies how existing injection wells become authorized by rule and when injection is prohibited for failure to comply with authorization-by-rule requirements. Finally, EPA codifies SDWA Sect. 1445(a)(1) as it applies to the UIC program.	Final rule 4/93.
880-030.00	Wellhead Protection and Sole Source Aquifer Demonstration Programs - Indian Tribes 40 CFR 35	NPRM 52 FR 46712 12/9/87 Regulatory Agenda 57 FR 52064 11/3/92	EPA proposes procedures for determining eligibility of Indian Tribes to apply for treatment as states in receiving grants for wellhead protection and/or sole source aquifer demonstration programs.	Final rule 9/93.
880-046.00	NPDWRs - Arsenic 40 CFR 141	Planned NPRM 57 FR 52062 11/3/92	The current standard for arsenic in drinking water is an interim standard. This rule will set a final MCL and MCLG as required by the SDWA Amendments of 1986. EPA has been sued on the schedule for proposal and promulgation of the arsenic NPDWRs. The final schedule is dependent on settlement of the suit.	Negotiating new schedule for NPRM; no dates set yet.
880-049.00	Management of Class V Injection Wells Under Part C 40 CFR 144 40 CFR 145 40 CFR 146	Planned NPRM 57 FR 52064 11/3/92	EPA will establish a regulatory framework for the management of Class V wells, such as certain septic systems and a variety of drainage wells, that will protect against contamination of groundwater while recognizing the difficulties of this diverse well class.	NPRM 8/93. Final rule 4/94.
880-050.00	NPDWRs - Contaminants From First Drinking Water Priority List (Phase VI) 40 CFR 141	NOI 57 FR 42533 9/15/92 Notice 57 FR 53866 11/13/92 Notice 57 FR 61867 12/29/92	EPA will set MCLGs and NPDWRs for about 25 contaminants from the first drinking water priority list, as required by the SDWA Amendments of 1986. The 25 contaminants come from two groups: disinfection by-products (Phase VI-A) and organic and inorganic chemicals (Phase VI-B). EPA announces the establishment of an advisory committee to negotiate a proposed disinfection byproducts rule.	NPRM 6/93. Final rule 6/95.

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*030-033.00	Revision of VOC Analytical Methods 40 CFR 141	Planned NPRM 57 FR 52063 11/3/92	EPA will propose to allow the use of the updated VOC methods 502.2, 503.1, 504, 524.1, and 524.2 for compliance monitoring of trihalomethanes in drinking water.	NPRM 4/93. Final rule 4/94.
CLEAN WATER ACT				
Non-APA Consolidated Rules of Practice for Administrative Assessment of Civil Penalties Under CERCLA, SARA, SDWA, and CWA - RU# 190-059.00				
Determination of Geographic Jurisdiction of the Section 404 Program -- RU# 805-049.02				
140-018.00	Guidelines Establishing Test Procedures for the Analysis of Pollutants - Dioxin Measurement 40 CFR 136	NPRM 56 FR 5090 2/7/91 Notice 56 FR 24814 5/31/91	Under Sect. 304(h) of the CWA, EPA proposes to amend the guidelines establishing test procedures for the analysis of pollutants by adding a method for the analysis of 17 tetra- through octa-chlorinated dioxin and furan compounds.	Final rule placed on hold.
*140-035.00	Disposal of Sewage Sludge 40 CFR 257 40 CFR 403 40 CFR 503	NPRM 54 FR 5746 2/6/89 NOA 54 FR 43124 10/20/89 NOA 55 FR 47210 11/9/90 Final rule 58 FR 9248 2/19/93	EPA issues technical requirements for the final use and disposal of sewage sludge when landfarmed, sold, surface disposed, or incinerated. The standards consist of general requirements, numerical limits on the pollutant concentrations in sewage sludge, management practices, and operational requirements. The rule also includes monitoring, recordkeeping, and reporting requirements and applies to publicly or privately owned treatment works that generate or treat domestic sewage sludge.	Effective 3/22/93. Additional comments/data by 5/20/93.
140-039.00	NPDES Permit - Compliance Extension for Innovative Technologies 40 CFR 122 40 CFR 124 40 CFR 125	NPRM 50 FR 49904 12/5/85	EPA proposes a revised rule for dischargers of toxic and nonconventional pollutants who apply for NPDES extensions to install innovative technologies under Sect. 301(k) of the Clean Water Act.	Reproposed NPRM suspended from OMB review and returned to EPA. Next action undetermined; under evaluation.
140-041.00	Disposal Sites - Denial or Restriction 40 CFR 231	Planned NPRM 57 FR 52055 11/3/92	EPA will revise 404(c) regulations by establishing procedures to be invoked when they are considering the use of 404(c) to prevent the discharge of dredged or fill material into a defined area of U.S. waters. The revisions are based on a review of previous experience.	NPRM 6/93. Final rule 1/94.

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*140-071.00	NPDES Sludge Permits - State Sludge Management Programs 40 CFR 123 40 CFR 123 40 CFR 501	NPRM 57 FR 22197 5/27/92 Notice 57 FR 30970 7/13/92 Notice 57 FR 32794 7/23/92 Final rule 58 FR 9404 2/19/93	Under the state sludge management programs, EPA establishes permit application deadlines in phases and extends the time period in which the initial applications are due for POTWs and other treatment works subject to the final sewage sludge use and disposal requirements. (see RU# 140-035.00)	<u>Effective 3/22/93.</u>
140-077.03	NPDES - State Listing Requirements, Section 303(d) (Surface Water Toxics Control Program) 40 CFR 123	NPRM 57 FR 33051 7/24/92	EPA proposes two options for determining which facilities newly identified under CWA Sect. 304(l) are required to have individual control strategies (ICSS): (1) require ICSS only for point sources originally subject to such a requirement or (2) give the state discretion to determine eligibility on a case-by-case basis.	Final rule 6/93.
140-084.00	NPDES Permit Application - Standard Form A, Short Form A 40 CFR 122.21(j)	Planned NPRM 57 FR 52055 11/3/92	EPA will revise the current NPDES Permit Application Standard Form A (municipal), and Short Form A (municipal) to reflect amendments to the Clean Water Act and changes in program requirements and emphasis.	NPRM 4/93. Final rule 4/94.
140-085.04	Phase II Storm Water Permitting Program - Additional Sources 40 CFR 122	Notice 57 FR 41344 9/9/92	Under CWA Sect. 402(p)(6), EPA solicits comment on ways to implement the second phase of the storm water permitting program for sources/activities not regulated under the existing program.	Next action undetermined; action required by 10/1/93.
140-089.00	Biological Test Procedures for the Analysis of Pollutants 40 CFR 136	NPRM 54 FR 50216 12/4/89	EPA proposes to amend 40 CFR 136 by adding new biological measurements and test procedures for the analysis of pollutants under the CWA 304(h) and by updating other procedures. Methods would be added to measure toxicity in effluents and receiving waters, to measure mutagenicity, to monitor viruses in wastewaters and sludges, and to update citations to microbiological methods.	Final rule 3/93.

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140-095.01	Effluent Guidelines and Standards - Organic Chemicals, Plastics, and Synthetic Fibers Category - Remanded Issues 40 CFR 414 40 CFR 455	NPRM 56 FR 63897 12/6/91 Correction 56 FR 66120 12/20/91 Notice 57 FR 56883 12/1/92	In response to litigation, EPA proposes several amendments to 40 CFR 414 which sets effluent limitations for point sources in the organic chemicals, plastics, and synthetic fibers category. EPA gives notice that it is considering determining that phenol and 2,4-dimethylphenol do not pass through POTWs. If EPA makes this determination, these two pollutants would not be subject to regulation by the categorical pretreatment standards proposed on 12/6/91.	Final rule 5/93.
*140-103.00	Treatment of Indian Tribes as States - NPDES Programs 40 CFR 122-124 40 CFR 501	NPRM 57 FR 8522 3/10/92 Regulatory Agenda 57 FR 52059 11/3/92	EPA proposes to establish requirements and procedures by which an Indian Tribe may be treated as a state and be approved to administer the NPDES and/or sludge management program.	Final rule 7/93.
*140-104.00	Treatment of Indian Tribes as States for Purposes of Section 404 40 CFR 232 40 CFR 233	NPRM 54 FR 49180 11/29/89 Final rule 58 FR 8172 2/11/93	EPA issues a final rule that (1) establishes requirements for determining eligibility of Indian Tribes to be treated as states for purposes of Sect. 404 of the CWA and (2) if found eligible, allows for assumption of the dredge and fill permit program.	Effective 3/15/93.
140-108.00	Shore Protection Act Section 4103(B) Regulations 40 CFR undetermined	Planned NPRM 57 FR 52057 11/3/92	The EPA Administrator, in consultation with the Secretary of DOT, is considering regulations: (1) requiring that waste sources, receiving facilities, and vessels provide the means and facilities to assure that waste will not be deposited into coastal waters during handling; (2) requiring the submission and adoption of an operation and maintenance manual of procedures to prevent, report, and clean up waste deposits; and (3) installing of tracking systems if deemed appropriate.	NPRM 4/93. Final rule 4/94.
140-109.00	Effluent Guidelines and Standards for the Waste Treatment Category 40 CFR Subchapter N	Planned NPRM 57 FR 52054 11/3/92	EPA is developing regulations that will cover centralized waste treatment (CWT) facilities that generally treat aqueous and liquid hazardous and non-hazardous waste as Phase I of this regulation. Phase II will regulate hazardous waste incinerators and landfill leachate discharges. EPA plans on collecting Phase II screening information in conjunction with the Phase I technical study.	Phase I NPRM 4/94. Final rule 1/96. Phase II NPRM 12/95. Final rule 12/97.

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140-110.00	Secondary Treatment Requirements for Municipal Discharge into Marine Waters 40 CFR 125	NPRM 56 FR 2814 1/24/91 Notice 57 FR 46390 10/8/92 Regulatory Agenda 57 FR 52059 11/3/92	EPA responds to statutory changes made to Sect. 301(h) of the CWA which governs secondary treatment waivers for municipal discharges into marine waters. EPA proposes changes to appendices A and B of Subpart G to simplify and revise the application requirements for waivers and permit renewals.	Final rule 5/93.
140-111.00	CWA Section 404 Program Definition 40 CFR 232.2(g)	Planned NPRM 57 FR 52055 11/3/92	This action would revise the definition of "waters of the U.S." by adding four examples to those currently contained under that definition. The intent is to clarify aspects of the current definition which define waters, "the use, degradation or destruction of which would or could affect interstate or foreign commerce," as waters of the U.S.	NPRM 7/93. Final rule 7/94.
140-114.00	Bioconcentratable Contaminants	NOA 56 FR 13150 3/29/91	EPA announces the availability of the draft guidance document entitled "Assessment and Control of Bioconcentratable Contaminants in Surface Waters" to provide guidance to state and federal regulators on assessing and, where necessary, controlling the release of pollutants which, due to their chemical properties, accumulate in tissues of aquatic organisms.	Final guidance document 7/93.
140-119.00	Ambient Water Quality Criteria for Aquatic Life - Metals	NOA 57 FR 24041 6/5/92	EPA announces the availability of interim guidance on interpretation and implementation of ambient MQC for aquatic life for metals in state water quality programs.	Final guidance 6/93.
140-120.00	Section 404 Dredge and Fill Program 33 CFR 323 33 CFR 328 40 CFR 110 40 CFR 112 40 CFR 116-117 40 CFR 122 40 CFR 230 40 CFR 232 40 CFR 402	NPRM 57 FR 26894 6/16/92 Regulatory Agenda 57 FR 51223 11/3/92	The CDE and EPA propose to modify the definition of discharge of dredged material under Sect. 404 of the CWA, clarify when the placement of pilings is considered discharge of dredged material, and clarify that prior converted croplands are not waters of the United States.	Final rule 4/93.

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140-124.00	Exception From Wetlands Mitigation Sequence for Alaska 40 CFR 230	NPRM 57 FR 52716 11/4/92	EPA proposes to provide an exception from the wetlands mitigation sequence for proposed discharges of dredged or fill material into wetlands in states with less than one percent loss of historic wetlands acreage. The exception would only apply to Alaska.	Final rule 11/93.
140-126.00	Revisions to CWA Section 403 Ocean Discharge Criteria 40 CFR 120 40 CFR 124 40 CFR 125	Planned NPRM 57 FR 52055 11/3/92	The 10/3/80 Sect. 403 ocean discharge criteria regulations established ocean discharge regulations from which a permit writer must make a determination that a discharge will or will not cause unreasonable degradation of the marine environment. These regulations leave gaps for the permitting agency on discharger-specific requirements, and will be revised to address questions arising in implementing them.	NPRM 9/94.
*140-127.00	Definition of Wetlands - Exemption of Certain Man-Made Wetlands Under Section 404 40 CFR 230	Planned NPRM 57 FR 52055 11/3/92	EPA will examine placing limits on the regulation of man-made wetlands created voluntarily for purposes other than mitigation requirements and under circumstances where federal subsidies do not substantially contribute to the success of the created area.	NPRM tabled pending review by new administration.
*140-128.00	Section 404 State Wetlands Protection Programs 40 CFR 233	Planned NPRM 57 FR 52056 11/3/92	EPA will work with the COE to revise the excessively burdensome procedures and requirements for approving and monitoring state wetlands protection programs by developing performance based criteria for the approval of state programs.	NPRM tabled pending review by new Administration.
140-129.00	Wetlands Protection Program - Sequencing Based on a Categorization Scheme 40 CFR 230	Planned NPRM 57 FR 52056 11/3/92	EPA plans to revise existing regulations based on review of the final categorization definitions to be developed by the White House Domestic Policy Council Task Force on Wetlands to implement the Administrator's proposals for removing sequencing requirements for all but the highest category.	NPRM 3/93. Final rule 9/93.
*140-130.00	Wetlands Protection Program - Allowance for Projects to Proceed Unless Applicant is Otherwise Notified 40 CFR 230	Planned NPRM 57 FR 52056 11/3/92	EPA plans to revise Sect. 404(b)(1) guidelines to clarify that permits shall be considered approved unless the applicant is otherwise notified within six months by the permitting agency. EPA is taking this action to implement a part of the President's wetlands plan.	NPRM tabled pending review by new administration.
*140-132.00	Combined Sewer Overflow Control Policy	NOA 58 FR 4994 1/19/93	EPA announces the availability of a draft guidance document entitled "Combined Sewer Overflow Control Policy" under the CWA.	Comments by 3/22/93.

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OIL POLLUTION ACT OF 1990				
*145-001.00	Natural Resource Damage Assessments - Oil Pollution Act 15 CFR Ch. IX	ANPRM 55 FR 53478 12/28/90 ANPRM 57 FR 8964 3/13/92	NOAA intends to develop proposed regulations pursuant to Sect. 1006 of the Oil Pollution Act of 1990 to establish procedures by which natural resources trustees may determine recoverable damages as compensation for injury, loss, or destruction of natural resources as a result of a discharge of oil into or upon navigable waters or adjoining shorelines. On 3/13/92, NOAA provided a status report concerning the regulations being developed and sought additional input regarding future content and procedures. NOAA announces the availability of the report provided by the Contingent Valuation Panel on the contingent valuation methodology as part of the rulemaking process.	NPRM 4/93. Final rule 4/94.
145-002.00	Oil Pollution Prevention (Phase I - Spill Prevention, Control, and Countermeasures) 40 CFR 112	NOA 58 FR 4601 1/15/93	EPA is pursuing a two-phase regulatory approach to propose changes to the oil spill prevention regulation. As Phase I, EPA proposes to establish requirements for Spill Prevention, Control, and Countermeasures (SPCC) to prevent spills of oil into U.S. waters or adjoining shorelines by non-transportation related onshore and offshore facilities and adds a facility notification provision.	Final rule 5/93.
*145-002.01	Oil Pollution Prevention (Phase II - Facility Response Plans) 40 CFR 112	NPRM 56 FR 54612 10/22/91 Regulatory Agenda 57 FR 52078 11/3/92	EPA proposes a rule to implement requirements directing owners and operators of onshore, non-transportation-related facilities that handle oil to prepare facility response plans for discharges of oil.	Comments by 4/19/93. Final rule 2/94.
*145-003.00	Revisions to the NCP Required by the Oil Pollution Act 40 CFR 300	Planned NPRM 57 FR 52112 11/3/92	The Oil Pollution Act of 1990 requires that EPA prepare and publish revisions to the National Contingency Plan (NCP) for the removal of oil and hazardous substances to implement the requirements of the Oil Pollution Act. EPA will also consider new mandates, such as adding a Fish and Wildlife Plan and Area Contingency Plans.	NPRM 5/93; at OMB. Final 5/94.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RJ NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*145-007.00	Oil Spill Prevention and Response - Offshore Facilities 30 CFR 250	ANPRM 57 FR 36032 8/12/92 Correction 57 FR 39421 8/31/92 Interim final rule 58 FR 7489 2/8/93	The Minerals Management Service issues an interim final rule establishing requirements for spill response plans for offshore facilities, including associated pipelines. The rule provides necessary guidance to operators preparing and submitting spill response plans as a condition of operation beyond the 2/18/93 statutory deadline.	<u>Effective 2/18/93; expires 2/18/95 or when superseded by a final rule.</u>
*145-010.00	DOT Response Plans for Onshore Oil Pipelines 49 CFR 194	Interim final rule 58 FR 244 1/5/93	As required by the Oil Pollution Act, RSPA issues an interim final rule establishing regulations requiring response plans for certain pipelines that transport oil to improve response capabilities and minimize the environmental impact of oil discharges from pipelines.	<u>Effective 1/5/93.</u>
*145-011.00	DOT Oil Spill Prevention and Response Plans for Bulk Packagings 49 CFR 171-174 49 CFR 176	Interim final rule 58 FR 6864 2/2/93 Corrections 58 FR 8820 2/17/93	RSPA specifies minimum standards for the safe transportation of oil that is currently unregulated and sets requirements for the preparation of oil spill prevention and response plans. This rule applies to bulk packagings containing oil, specifically, cargo tanks (tank trucks), railroad tank cars, and portable tanks.	<u>Interim final rule effective 2/2/93, with varying compliance dates. Comments by 4/5/93.</u>

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
CLEAN AIR ACT				
	Air Emission Standards for VOCs from Tanks and Impoundments at TSD Facilities - Phase II -- RU# 840-142.01			
	Air Emissions for TSD Facilities - Site-Specific Models - Phase III -- RU# 840-142.03			
	CAA Hazardous Pollutants - CERCLA Designation and RQ Adjustments -- RU# 180-119.00			
	Addition of Air Toxics to Toxics Release Inventory -- RU# 190-061.00			
120-005.00	MAQS - Sulfur Oxides	ANPRM	EPA proposes to retain the existing NAAQS for sulfur oxides. Adding an alternative 1-hour primary standard of 0.4 ppm to replace the 3-hour standard (0.5 ppm) is being considered. EPA also proposes to revise the significant harm levels, the Pollutant Standards Index for SO ₂ , and certain monitoring and reporting requirements. EPA incorporates additional material into the dockets for the proposed revisions to the Ambient Air Quality Surveillance requirements. EPA gives notice of a proposed consent decree, issued in response to litigation and an appeals court decision, that would require EPA to take final action by 4/15/93 on the secondary standards portion of the proposed NAAQS for sulfur oxides.	Final rule by 4/15/93.
	40 CFR 50	44 FR 56730		
	40 CFR 51	10/2/79		
	40 CFR 58	NPRM		
		53 FR 14926		
		4/26/88		
		Notice		
		53 FR 29346		
		8/4/88		
		Clarification		
		notice		
		53 FR 36587		
		9/21/88		
		Notice of		
		proposed		
		consent decree		
		57 FR 44375		
		9/25/92		

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-006.00	MAQS - Ozone 40 CFR 50.9	First revisions 49 FR 29845 7/24/84 NOA 50 FR 52556 12/24/85 NOA 53 FR 48308 11/30/88 Notice 57 FR 8429 3/10/92 Proposed decision 57 FR 35542 8/10/92 Call for information 57 FR 38832 8/27/92 Regulatory Agenda 57 FR 52086 11/3/92	As a result of a review of health and welfare criteria, EPA proposes that revisions of the primary and secondary standards for ozone are not appropriate at this time. The criteria and supplementary materials are published simultaneously with the issuance of this proposed decision.	Final decision 3/93.
120-010.00	Guideline on Air Quality Models 40 CFR 51 40 CFR 52	NPRM 56 FR 5900 2/13/91 Regulatory Agenda 57 FR 52103 11/3/92	EPA proposes to add several new modeling techniques and to make revisions to the air quality models for estimating ambient air concentrations referenced under the PSD regulations of the CAA.	Final rule 4/93.
120-055.00	NESHAPS - Chromium Industrial Cooling Towers 40 CFR 61	NOI to list 50 FR 24317 6/10/85 Planned NPRM 57 FR 52087 11/3/92	Chromium compounds are listed as hazardous air pollutants in the CAA Amendments of 1990. Industrial process cooling towers that use chromate-based water treatment programs have been identified as potentially significant sources of chromium air emissions and as a source category for which NESHAPS are warranted.	NPRM 4/93. Final rule 4/94.
*120-075.00	Source Surveillance of Visible Emissions 40 CFR 52	NPRM 51 FR 31076 8/29/86	EPA proposes new visible emission test procedures to evaluate opacity standards compliance when a SIP lacks an appropriate method or when the Administrator enacts a state plan.	Reproposed NPRM 5/93; at DM8.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RJ NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-083.00	MAQS - Nitrogen Dioxide 40 CFR 50.11	NOA - draft document 56 FR 59285 11/25/91 Regulatory Agenda 57 FR 52082 11/3/92	EPA announces the availability of an external review draft of a revised air quality criteria document of oxides of nitrogen prepared by the Environmental Criteria and Assessment Office (ECAO) of the Office of Research and Development. The Agency will revise the standard if needed to protect the public health and welfare.	Final review and staff paper by 3/93. Rulemaking action 1993.
120-084.00	MAQS - Carbon Monoxide 40 CFR 50.8	Call for Information 52 FR 27580 7/22/87 NOA 55 FR 14858 4/19/90 Regulatory Agenda 57 FR 52082 11/3/92	EPA will review ongoing studies on health effects of carbon monoxide and make a decision for or against a change in the MAQS.	Decision on revision 11/93.
*120-085.00	NESHAPs - Asbestos (Compliance)	Notice 57 FR 59997 12/17/92	EPA gives notice of a proposed settlement agreement in litigation concerning an 11/20/90 final rule for NESHAPs for asbestos.	Final action undetermined.
*120-093.00	NESHAPs - Hazardous Organics ("HON" Rule) 40 CFR 63	NPRM 57 FR 62608 12/31/92 Comment period extended 58 FR 11201 2/24/93 Corrections 58 FR 11667 2/26/93	EPA proposes to control emissions of hazardous organic chemicals from storage tanks, process vents, equipment leaks, transfer operations, and wastewater treatment in synthetic organic chemicals manufacturing plants. EPA also proposes Methods 304 and 305 to demonstrate compliance with control requirements for wastewater streams.	Comments by 4/19/93. Final rule 12/93.
*120-094.00	Health Assessment Document - Acetaldehyde	NOA draft 52 FR 19918 5/28/87	EPA issues the first external review draft of the health assessment document for acetaldehyde. The document will be used in the decision process for possible regulation of acetaldehyde under the CAA.	Final document undetermined.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RJ NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-103.00	NESHAPs - Organic Solvent Degreasing 40 CFR 63	Planned NPRM 57 FR 17435 4/27/92	This regulation will apply to organic halogenated solvent cleaners (degreasers) using any of the hazardous air pollutants listed in the CAA, and will control emissions from new and existing sources.	NPRM 9/93. Final rule 9/94.
120-113.03	Methods for Measurement of Opacity - Addition to Appendix M 40 CFR 51	NPRM 57 FR 46114 10/7/92	EPA proposes to add test method 203 for the continuous measurement of opacity from stationary sources to appendix M in 40 CFR 51.	Final rule 4/93.
120-116.00	NSPS - Municipal Landfills 40 CFR 60	NPRM 56 FR 24468 5/30/91 Regulatory Agenda 57 FR 52102 11/3/92	EPA proposes to add subpart MMM to 40 CFR 60 for control of new sources and proposes emission guidelines and compliance schedules for existing sources under subpart C. Subpart MMM would limit emissions from certain new and modified municipal solid waste landfills and implement Sect. 111(b) of the CAA. The proposed emission guidelines implement Sect. 111(d) of the CAA which requires the Administrator to prescribe regulations under which the states will submit plans for the control of existing emissions of certain air pollutants for which NSPS have been established.	Final rule 5/93.
*120-117.00	NESHAPs - Benzene 40 CFR 61	NPRM 54 FR 38083 9/14/89 Final rule 55 FR 8292 3/7/90 NPRM 56 FR 64217 12/9/91 Final rule 57 FR 8012 3/5/92 NPRM 57 FR 8017 3/5/92 Correction 57 FR 21368 5/20/92 Final rule 57 FR 3072 1/7/93	EPA clarifies widely misunderstood provisions of the rule setting NESHAPs for benzene waste operations and provides additional options for compliance that give owners and operators increased flexibility in meeting the requirements of the rule. Sources affected include chemical manufacturing plants, coke by-product recovery plants, petroleum refineries, and facilities at which waste management units are used to treat, store, or dispose of waste generated by any of these sources.	Effective 1/7/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-118.03	Radionuclides NESHAPS - Stay of Effective Date for Subpart I - NRC-Licensed Facilities 40 CFR 61	NPRM 56 FR 6339 2/15/91 Final rule 56 FR 18735 4/24/91 NPRM 57 FR 43173 9/18/92 NPRM 57 FR 56877 12/1/92 Notice 57 FR 58018 12/7/92 Correction 57 FR 60778 12/22/92	EPA proposes to rescind Subpart I as it applies to NRC-licensed facilities other than nuclear power reactors and allows the stay of Subpart I for these facilities to expire as of 11/15/92. On 12/22/92 EPA publishes a memorandum of understanding (MOU) between EPA and NRC which was supposed to be published as an attachment to its 12/1/92 proposed rule.	Final rule to rescind Subpart I 4/93. Stay of Subpart I expired 11/15/92.
120-116.06	Radionuclides NESHAPS - Subpart I Rescinded for Power Reactors 40 CFR 61	ANPRM 56 FR 10524 3/13/91 NPRM 56 FR 37196 8/5/91	EPA proposes to rescind Subpart I as it applies to nuclear power reactors.	Final rule 4/93.
120-118.06	Radionuclides NESHAPS - Subpart I Rescinded for Uranium Mill Tailings Sites 40 CFR 61	NPRM 56 FR 67561 12/31/91	EPA proposes to rescind Subpart I as it applies to owners/operators of uranium mill tailings disposal sites licensed by NRC. The proposal does not concern sites under DOE control.	Final rule 6/94.
*120-148.00	NAAQS - Lead 40 CFR 50.12	Planned NPRM 57 FR 52085 11/3/92	EPA is assessing new health effects information that has become available regarding lead and will make a decision for or against a change in the NAAQS. EPA has prepared a staff paper which has been reviewed and approved by the Clean Air Act Scientific Advisory Committee (CASAC).	NPRM 11/93.
120-149.00	NESHAPS - Asbestos (Comprehensive Revisions) 40 CFR 63	Planned NPRM 57 FR 52087 11/3/92	EPA is considering revising the asbestos NESHAP to require maximum achievable control technology standards. A screening study is underway and a new schedule will be developed when the study is complete.	No schedule for NPRM as yet; final rule due by 11/94.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-155.00	VOC Equipment Leak Fugitive Emissions 40 CFR Ch. 1	Notice 54 FR 37725 9/12/89 Notice 55 FR 14349 4/17/90 Notice 55 FR 27680 7/5/90 Notice 56 FR 9315 3/6/91	EPA issues a notice summarizing major provisions and language of the negotiated rule, agreed to by the negotiating committee, to control VOC fugitive emissions from equipment leaks.	NPRM issued as part of RU# 120-093.00 on 12/31/92.
120-158.00	NSPS - Medical Waste Incineration 40 CFR 60	Planned NPRM 57 FR 52086 11/3/92	EPA will propose new source performance standards and emission guidelines for existing medical waste incineration sources under Sects. 111 and 129 to reflect the maximum degree of reductions in emissions that have been demonstrated for new units.	NPRM 9/93. Final rule 1/95.
*120-164.00	Ambient Air Monitoring Methods - Equivalent Method Designation	Notice 58 FR 6964 2/3/93	EPA designates two additional equivalent methods for ambient air monitoring, one for the measurement of ozone and one for sulfur dioxide.	
*120-170.00	Requirements for the Enhanced Monitoring of Ozone and Ozone Precursors 40 CFR 58	NPRM 57 FR 7687 3/4/92 Final rule 58 FR 8452 2/12/93	EPA revises the ambient air quality surveillance regulations to provide for enhanced monitoring of ozone and nitrogen oxides and additional monitoring of VOCs and meteorological parameters. The revisions require states to establish photochemical assessment monitoring stations as part of their SIP monitoring network in ozone nonattainment areas.	Effective 2/12/93.
120-170.01	Ambient Air Quality Surveillance - Monitoring Data Reporting Requirements 40 CFR 58	NPRM 57 FR 46003 10/6/92	EPA proposes amendments to change the data reporting requirements for state and local air monitoring stations (SLAMS) and national air monitoring stations (NAMS). The changes would affect the number of monitoring sites required to submit air quality data to the Aerometric Information Retrieval System (AIRS) and the timing for such data submittals.	Final rule 10/93.
120-171.00	Prevention of Significant Deterioration and New Source Review ("update" Rule) 40 CFR 51 40 CFR 52	Planned NPRM 57 FR 52083 11/3/92	EPA will propose to amend EPA's existing new source review regulations, including prevention of significant deterioration, to conform with the new requirements of the CAA Amendments of 1990.	NPRM 5/93. Final rule 4/94.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RULE NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-173.00	Enhanced Monitoring and Compliance Certification Regulations 40 CFR 70 40 CFR 71	NOA 56 FR 37700 8/8/91 Planned NPRM 57 FR 52083 11/3/92	Regulations will be developed to provide guidance on the appropriate monitoring methods, recordkeeping and reporting requirements, and periodic compliance certification requirements for permits issued under Title V.	<u>NPRM 4/93. Final rule 4/94.</u>
120-175.00	Clean Fuel Fleet Programs 40 CFR 88	NPRM 56 FR 50196 10/3/91 Regulatory Agenda 57 FR 52099 11/3/92	EPA proposes to incorporate clean fuel fleet vehicle credit programs, emission standards, and certain federal fleet requirements into state implementation plans.	<u>Publish final rule 3/1/93. Vehicle conversion regulations - NPRM 4/93; at OMB. Final rule 4/94.</u>
120-176.00	General Provisions for Major and Area Sources of Air Toxics 40 CFR 63	Planned NPRM 57 FR 52088 11/3/92	General provisions are being developed for 40 CFR 63 which will include standards for 189 hazardous air pollutants to be regulated under Sect. 112 of the CAA Amendments of 1990.	<u>NPRM still at OMB; may release by 4/93.</u>
120-178.00	Standards for Tank Vessel Loading Operations CFR Undetermined	Planned NPRM 57 FR 52093 11/3/92	This regulation will control VOC and HAP emissions from tank vessel loading operations, as required by Sect. 183 of the CAA Amendments of 1990. Approximately 65,000 metric tons (MT) of VOCs and 8000 MT of HAPs are emitted annually from tank vessel loading operations.	<u>NPRM 5/93. Final rule 5/94.</u>
120-179.01	General Preamble - Requirements for SIP Submittals - Addendum for PM-10 and Lead Nonattainment Areas	Notice 57 FR 31477 7/16/92	EPA issues a draft addendum to the General Preamble (4/16/92) which contains EPA's preliminary views on how it should interpret Title I with respect to SIP submittal requirements for serious PM-10 and lead nonattainment areas.	<u>Final addendum document 4/93.</u>
120-181.00	Guidance for Implementation of Section 112(g) - Modifications 40 CFR 63	Planned guidance 57 FR 52089 11/3/92	Guidance is being developed in accordance with the requirements of Sect. 112(g) of the CAA Amendments of 1990 that will set de minimis levels for the 189 listed hazardous air pollutants and establish a ranking for determinations of offsets.	<u>NPRM 3/93. Final rule 5/94.</u>

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*120-183.00	List of Substances and Threshold Quantities 40 CFR 68	NPRM 58 FR 5102 1/19/93	EPA proposes an initial list of regulated substances as required under Sect. 112(r) of the CAA. The list includes 100 toxic substances, 62 flammable substances, and commercial explosives as defined by DOT. EPA also proposes threshold quantities for each substance listed and the requirements for the petition process to add or delete chemicals from the final list.	<u>Comments by 3/22/93.</u> <u>Final rule 8/93.</u>
120-184.00	Prevention of Accidental Releases from Stationary Sources and Risk Management Plan 40 CFR 63	Planned NPRM 57 FR 52110 11/3/92	EPA must promulgate regulations and guidance to provide for the prevention and detection of accidental releases from stationary sources. The regulations must require stationary sources to implement a risk management plan for detection and prevention of accidental releases where a regulated substance is present in quantities greater than a threshold amount.	NPRM 3/93; at OMB. Final rule 3/94.
*120-186.00	Clarification of Best Available Control Technology Definition 40 CFR 51 40 CFR 52	Planned NPRM 57 FR 52085 11/3/92	To improve the effectiveness of the prevention of significant air quality deterioration program required by Title I of the CAA, EPA will propose to clarify the regulatory definition of best available control technology (BACT) by adding language that clarifies the legal requirements for a BACT analysis.	<u>Rulemaking tabled; no schedule for action.</u>
120-187.00	Radionuclide Major Source Definition 40 CFR 63	Planned NPRM 57 FR 52089 11/3/92	Sect. 112(a) defines major source as any source that emits 10 tons or more per year of any hazardous air pollutant (HAP) or 25 tons or more per year of any combination of HAPs. The ton quantities are inappropriate for radionuclides, as very small emissions of radionuclides may be extremely hazardous. EPA will, thus, establish different criteria for radionuclides.	NPRM undetermined; no schedule for action.
*120-188.00	PM-10 Nonattainment Areas - Reclassification from Moderate to Serious 40 CFR 81	NPRM 56 FR 58656 11/21/91 Final rule 58 FR 3334 1/8/93	EPA reclassifies as serious four areas in California and one area in Nevada which were initially classified as moderate nonattainment areas for PM-10 and which EPA has determined cannot attain the PM-10 NAAQS by December 31, 1994. EPA has not as yet made a final determination on the other nine areas originally proposed to be reclassified.	<u>Effective 2/8/93.</u>
*120-189.00	Acid Rain Program - Permits, Allowances, Emissions, CEMS 40 CFR 72-73 40 CFR 75 40 CFR 77 40 CFR 78	NPRM 56 FR 63002 12/3/91 Final rule 58 FR 3590 1/11/93	EPA issues final regulations on permits, an allowance system, continuous emissions, and excess emissions penalties for the CAA acid rain program.	<u>Effective 2/10/93.</u>

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120-190.00	Contractor Listing Regulations 40 CFR 15	Planned NPRM 57 FR 52096 11/3/92	The CAA, the CMA, and Executive Order 11738 mandate the exclusion from federal contracts, grants, or loans of facilities which are the source of criminal violations of those statutes and give EPA discretion to so bar facilities which are the source of continuing or receiving civil violations. This rule would revise 40 CFR 15 to indicate when and by whom this new authority will be exercised.	NPRM 4/93. Final rule 4/94.
*120-191.00	Title I Economic Incentive Program Rules 40 CFR 51	NPRM 58 FR 11110 2/23/93	EPA proposes rules for states to follow in developing an economic incentive program for reducing ozone and carbon monoxide in serious, severe, and extreme ozone nonattainment areas and serious carbon monoxide areas.	Comments by 4/26/93. Final rule 8/93.
120-195.00	Emission Standards for Source Categories of Hazardous Air Pollutants 40 CFR 63	NOA 57 FR 44147 9/24/92 Regulatory Agenda 57 FR 52106 11/3/92	EPA publishes the draft schedule for the promulgation of emission standards for categories of sources emitting hazardous air pollutants listed under Sect. 112(c) of the CAA.	Final schedule 10/93.
120-199.00	Award Regulations 40 CFR 65	Planned NPRM 57 FR 52096 11/3/92	Regulations will be developed to define the criteria for administering awards to persons who furnish information or services which lead to criminal convictions or civil penalties under the CAA.	NPRM 3/93; at OMB. Final rule 8/93.
*120-200.00	Prior Notice of Citizen Suits Under Section 304 40 CFR 54	NPRM 58 FR 7870 2/10/93	EPA proposes changes to the procedures governing the service of notice for citizen suits brought under Sect. 304 of the CAA. The changes clarify the precise entities, method, contents, and timing of such notices.	Comments by 4/12/93. Final rule 2/94.
120-201.00	Field Citation Issuance Regulations 40 CFR 28 40 CFR 59	Planned NPRM 57 FR 52097 11/3/92	Regulations will be developed to implement the Agency's newly authorized field citation enforcement program. The regulations will define the scope of the program and the hearing procedures.	NPRM 4/93. Final rule 4/94.
120-203.00	Criteria for Imposing Discretionary Sanctions Under Title I 40 CFR 52	NPRM 57 FR 44534 9/28/92	Under Sect. 110(m) of the CAA, EPA proposes criteria it will use when exercising its discretionary authority to apply sanctions on a statewide basis within 24 months of a finding of a deficiency in a state implementation plan.	Final rule 7/93.

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120-205.00	Air Quality - Revision to Definition of VOCs 40 CFR 51	NPRM 57 FR 48490 10/26/92	EPA proposes to revise its definition of VOCs for purposes of preparing SIPs to attain NAAQS for ozone. The proposed revision would add perchloroethylene to the list of compounds excluded from the definition of VOC because it has negligible photochemical reactivity and thus does not contribute to tropospheric ozone formation.	Final rule 10/93.
120-206.00	Acid Rain Opt-In Regulation 40 CFR 74	Planned NPRM 57 FR 52084 11/3/92	Sect. 410 of the Clean Air Act Amendments allows sources not affected by Title IV to "opt-in" Title IV. This regulation will provide the necessary procedures for opting in to the acid rain program.	NPRM 4/93. Final rule 11/93.
120-207.00	Guidance for States Making MACT Determinations When Lacking a Federal Standard 40 CFR 63	Planned NPRM 57 FR 52091 11/3/92	In the event that EPA fails to promulgate MACT standards on time, states are required to establish case-by-case MACT compliance limits for every major source of emissions that would have been subject to a standard. This guidance will aid the states in making those compliance determinations.	NPRM 6/93. Final rule 6/94.
120-208.00	NESHAPs for Solid Waste TSD Facilities 40 CFR 63	Planned NPRM 57 FR 52092 11/3/92	EPA will specify maximum control technology (MACT) for facilities that treat, store, dispose of, recycle, recover and/or refine solid waste received from off-site. These include commercial waste treatment facilities, used oil re-refining solvent recovery plants, transfer stations, and industrial landfills.	NPRM 12/93. Final rule 11/94.
120-209.00	Federal Operating Permit Rules in Lieu of State Programs 40 CFR 71	Planned NPRM 57 FR 52095 11/3/92	Title V of the CAA requires EPA to establish operating permit programs if states fail to submit an appropriate state program for major stationary sources of air pollutants. This regulation will establish rules and procedures governing this program.	NPRM 1/94. Final rule 11/94.
120-210.00	Acid Rain Nitrogen Oxides Emission Reduction Program for Boilers 40 CFR 76	NPRM 57 FR 55632 11/25/92 Corrections 57 FR 61489 12/24/92	EPA proposes nitrogen oxide emission requirements for Phase I tangentially-fired, dry bottom wall-fired boilers which must be met by 1/1/95. Emission limits for a second group of boilers (Phase II), including cyclones and wet bottom wall-fired units, will be promulgated and become effective in 2000. In addition, this proposed rule sets conditions of applications for emission averaging and alternative emission limits for both groups.	Final rule 11/93. Phase II NPRM 4/96. Final rule 1/97.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-211.00	Approval/Delegation of Federal Air Toxics Programs to State and Local Agencies 40 CFR 63	Planned NPRM 57 FR 52092 11/3/92	EPA is undertaking a rulemaking to develop guidance for state and local agencies seeking approval or delegation of the federal Title III air toxics program.	NPRM 3/93. Final rule 11/93.
*120-212.00	Control Technique Guidelines (CTGs)	Regulatory Agenda 57 FR 52103 11/3/92	The 1990 CAA Amendments require EPA to issue control technique guidelines (CTGs) for 13 source categories within three years of enactment. Current CTGs being developed include, among others, those for industrial wastewater treatment, volatile organic liquid storage tanks, and use of clean-up solvents at industrial plants. The wood furniture, aerospace, and shipbuilding CTGs are on a later schedule.	CTGs for all except wood furniture, aerospace, and shipbuilding 11/93. CTGs for excepted categories 11/94.
*120-213.00	Test Methods for Measurement of VOC Capture Efficiency	NOA 57 FR 61897 12/29/92	EPA announces the availability of draft revised test methods for measuring capture efficiency (CE) at coating and printing facilities equipped with a volatile organic compound (VOC) capture system and control device. Comments received will be considered in preparing a proposed rule.	<u>NPRM undetermined.</u>
*120-214.00	NSPS - Appendix A; Methods 18, 26, and 26A 40 CFR 60	NPRM 57 FR 62798 12/31/92 Corrections 58 FR 11709 2/26/93	EPA proposes revisions to Methods 18 and 26 and the addition of Method 26A to Appendix A. Method 18 will be revised to clarify the phrase "engineering judgment." Method 26 will be revised to add provisions for determining emissions of other hydrogen halides and halogens. Method 26A is proposed as an isokinetic version of Method 26.	Comments by 3/31/93.
*120-215.00	Section 185B Report on Tropospheric Ozone	NOA 58 FR 11603 2/26/93	EPA announces the availability of a draft report, "The Role of Ozone Precursors in Tropospheric Ozone Formation and Control," required by Sect. 185B of the 1990 CAA, which addresses the following topics: extent of recent high ambient ozone, air quality trends, chemistry of ozone formation, roles of NOx and VOC emission reductions, measurements, models, data needs, SIPs, controls and alternative fuels.	Comments by 3/28/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-503.00	Recycling Program for Ozone-Depleting Substances (Refrigerant Recycling) 40 CFR 82	ANPRM 56 FR 18256 5/1/90 Proposed consent decree 57 FR 57230 12/3/92 NPRM 57 FR 58644 12/10/92	Under Sect. 608, EPA proposes standards and requirements regarding the use and disposal of Class I substances during service, repair, or disposal of appliances and industrial process refrigeration that maximize recapture and recycling. EPA gives notice of a proposed consent decree concerning litigation instituted against EPA for not promulgating the refrigerant recycling rule as yet. The decree would require EPA to promulgate a regulation by April 23, 1993.	Final rule 5/93.
*120-506.01	Phase-out of CFCs - Nominations for Essential Use Exemptions 40 CFR 82	Notice 58 FR 6786 2/2/93	EPA requests nominations for exemptions from the production and consumption phase-out under the Montreal Protocol of halons typically used for firefighting and explosion protection. Nominations for essential use exemptions for other class I substances will be requested in a future notice.	<u>EPA to submit nominations to Ozone Secretariat by 4/93.</u>
*120-506.00	Stratospheric Ozone - Product Ban 40 CFR 82	NPRM 57 FR 199 1/16/92 Final rule 58 FR 4768 1/14/93 Corrections 58 FR 8820 2/17/93	EPA bans the sale or distribution of products containing Class I chemicals that are determined to be nonessential. Specific consumer products listed in the CAA include party streamers, lens cleaners, and noise horns.	<u>Effective 2/16/93 for products listed in 40 CFR 82.66(a) and (b); effective 1/17/94 for remainder of listed products.</u>
*120-507.00	Stratospheric Ozone Protection - Labeling 40 CFR 82	NPRM 57 FR 19166 5/4/92 Final rule 58 FR 8136 2/11/93	EPA establishes requirements for warning labels on containers of, and products containing or manufactured with, certain Class I and II ozone-depleting substances pursuant to Sect. 611 of the CAA.	Final rule effective <u>3/15/93. Labeling requirements for products manufactured with or containing Class I substances, and containers containing Class I or Class II substances effective 5/15/93; other requirements effective 1/1/2015.</u>

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-508.00	Stratospheric Ozone Protection - Federal Procurement 40 CFR 82	Planned NPRM 57 FR 52095 11/3/92 Proposed consent decree 57 FR 56339 11/27/92	EPA is required to work with GSA and DOD to develop procurement requirements for each department, Agency, and instrumentality of the U.S. to conform its procurement regulations to maximize the substitution of safe alternatives of ozone depleting substances. EPA issues a proposed consent decree concerning litigation instituted against EPA for not issuing these regulations. The decree would require EPA to issue a proposed rule by 3/1/93 and a final rule by 10/15/93.	NPRM 3/93. Final rule 12/93.
*120-509.00	Stratospheric Ozone - Class I and II Safe Alternatives 40 CFR 82	ANPRM 57 FR 1984 1/16/92 Planned NPRM 57 FR 52089 11/3/92	EPA will (1) make unlawful the replacement of any class I or II substance with a substitute that may cause adverse effects, (2) establish a process for publishing a list of safe and unsafe alternatives, (3) publish guidance on petitioning to add or remove a substance from the list, and (4) establish a program for submission of health and safety studies on substitutes.	<u>NPRM 4/93; still at OMB.</u> <u>Final rule 4/94.</u>
*120-510.00	Accelerated Phaseout of Class I Chemicals 40 CFR 82	Planned NPRM 57 FR 52082 11/3/92	Sect. 606 requires EPA to grant or deny petitions received to promulgate regulations to accelerate the phaseout of Class I chemicals within 180 days of receipt. If EPA grants a petition and proposed regulations, it must promulgate a final rule one year later. EPA has received two petitions to date requesting the acceleration.	<u>Response to petition 3/93.</u>
*120-511.00	Stratospheric Ozone - Listing of Class I Chemicals 40 CFR 82	Planned NPRM 57 FR 52095 11/3/92	Sect. 602 requires EPA to list any chemical that has an ozone depleting potential greater than 0.2. EPA received a petition to list methyl bromide on 12/3/91.	<u>NPRM 3/93. Final rule 3/94.</u>
700-022.00	HLW Disposal in Geologic Repositories - EPA and NRC Conforming Amendments 10 CFR 60	NPRM 51 FR 22288 6/19/86 Regulatory Agenda 57 FR 52430 11/3/92	NRC proposes to conform its regulations for disposal of high-level radioactive wastes in geologic repositories to EPA standards as mandated by the NWPA.	On hold pending promulgation of revised HLW standards by EPA.

NUCLEAR WASTE POLICY ACT

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*700-069.00	Radiation Dose Criteria for Accidents at HLW Geologic Repositories (Design Basis Events) 10 CFR 60	Notice of receipt 55 FR 28771 7/13/90 Correction 55 FR 32639 8/10/90 Planned NPRM 57 FR 52434 11/3/92	NRC will propose to amend the regulations concerning radiation dose criteria. A central issue is the development of radiation dose criteria for a postulated accident that DOE would use to establish a limited access area for the high-level waste (HLW) geologic repository. In addition, a number of new definitions would be added.	NPRM 4/93; still at Commission.
*700-074.00	Definition of Term - High-Level Radioactive Waste 10 CFR 60	Petition for rulemaking 55 FR 51732 12/17/90	The states of Washington and Oregon request that NRC revise the definition of "high-level radioactive waste" so as to establish a framework and standards by which to determine whether reprocessing waste, e.g., certain waste stored at DOE's Hanford site, is high-level radioactive waste.	Rulemaking decision 3/93.
700-078.00	Training and Qualification of Nuclear Power Plant Personnel 10 CFR 50 10 CFR 52	NPRM 57 FR 537 1/7/92 Regulatory Agenda 57 FR 52444 11/3/92	NRC proposes to require nuclear power plant licensees to establish a safety training program for plant personnel based on a systems approach to training.	Final rule 3/93.
*700-080.00	Approved Spent Fuel Storage Casks 10 CFR 72	NPRM 57 FR 28645 6/26/92 Notice 58 FR 5301 1/21/93	NRC proposes to add two additional casks, TN-24 and VSC-24, to the current list of four approved spent fuel storage casks certified and listed under 10 CFR 72. A licensee may choose from any of the listed casks to store spent fuel at the reactor site. NRC places additional information in the public document room for the 6/26/92 proposal to add two casks to the list of approved spent fuel storage casks. The additional information pertains only to storage cask VSC-24.	Final rule undetermined. Comments by 2/22/93 if possible, but will be accepted beyond that date.
*700-081.00	Nuclear Waste Management Plan Report	Notice 58 FR 7217 2/5/93	The Office of Civilian Radioactive Waste Management requests the views and comments of NRC, EPA, and other interested parties on whether current programs and plans for the management of nuclear waste are adequate for additional volumes or categories of nuclear waste.	Comments by 4/6/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
LOW-LEVEL RADIOACTIVE WASTE (LLW) POLICY AMENDMENTS ACT				
740-003.00	Environmental Protection Standards for LLW Disposal 40 CFR 193 40 CFR 764	ANPRM 48 FR 39563 8/31/83 Planned NPRM 57 FR 52061 11/3/92	EPA intends to develop environmental radiation protection standards and/or guides for low-level radioactive (possibly including natural and accelerator produced) waste disposal to protect the public health and general environment from potential adverse effects from this activity. Criteria triggering regulations are being considered.	NPRM 9/93. Final rule 9/94.
*740-013.00	Incineration of Low-Level Radioactively Contaminated Waste Oil from Nuclear Power Plants 10 CFR 20	NPRM 53 FR 32914 8/29/88 Request for clarification 53 FR 48721 12/2/88 Final rule 57 FR 57649 12/7/92 Corrections 58 FR 11290 2/24/93	MRC amends its regulations to permit the onsite incineration of slightly contaminated waste oils generated at licensed nuclear power plants without amending existing operating licenses, and clarifies the licensees' responsibilities with regard to other applicable state or federal permits and requirements.	Effective 1/6/93.
740-021.00	Low-Level Waste Manifest Information and Reporting 10 CFR 20 10 CFR 61	NPRM 57 FR 14500 4/21/92 Regulatory Agenda 57 FR 52442 11/3/92	MRC proposes to (1) improve information contained in manifests accompanying shipments of waste to LLW disposal facilities; (2) establish a uniform manifest for national use; (3) require that LLW disposal site operators electronically store portions of this manifest information onsite; and (4) require that operators periodically submit, in an electronic format, reports of shipment manifest information. MRC also requests input on whether and how to establish a national data base for LLW.	Final rule 4/93.
*740-025.00	Conforming Guidance on LLW Disposal Facilities With 10 CFR 61 10 CFR 61	NPRM 57 FR 8093 3/6/92 Regulatory Agenda 57 FR 52445 11/3/92	MRC proposes to make changes to its licensing requirements for low-level radioactive waste disposal facilities to (1) clarify that 10 CFR 61 applies to above-ground disposal facilities, (2) replace the phrase "quality control program" with "quality assurance program," (3) update the Paperwork Reduction Act Statement in part 61.8, and (4) identify the correct NRC recipient of the licensees' annual reports.	Final rule undetermined.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*740-027.03	Concentration Averaging and Encapsulation - Technical Position 10 CFR 61	NOA 57 FR 29105 6/30/92	NRC announces the availability of a proposed revision of the 1983 staff technical position on radioactive waste classification entitled "Technical Position on Concentration Averaging and Encapsulation" which provides guidance on the interpretation of 10 CFR 61 as it applies to classification of low-level radioactive waste.	Will issue a revised proposed position 5/93.
740-028.03	Near-Surface Disposal of Low-Level Wastes (LLW) (New England Coalition Petition) 10 CFR 61	Petition for rulemaking 57 FR 32743 7/23/92	NRC announces that it has received a petition from the New England Coalition on Nuclear Power requesting that NRC amend its regulations in 10 CFR 61 concerning classification of LLW to restrict the numbers and types of waste streams which can be disposed of in near-surface disposal facilities. The petitioner believes these changes are necessary because of significant new information concerning inadvertent intrusion into such facilities.	Next action 4/93.
*740-029.00	Procedures and Criteria for On-Site Storage of Low-Level Radioactive Waste 10 CFR 30 10 CFR 40 10 CFR 50 10 CFR 70 10 CFR 72	NPRM 58 FR 6730 2/2/93	NRC proposes to amend its regulations for reactor material, fuel cycle, and independent spent fuel storage licensees to establish procedures and criteria that would apply to on-site storage of low-level radioactive waste beyond January 1, 1996.	Comments by 4/5/93.
ATOMIC ENERGY ACT				
EPA/NRC Guidance on Testing Mixed Radioactive and Hazardous Waste -- RU# 840-250.02				
Transportation Regulations - Compatibility with IAEA -- RU# 400-093.00				
100-016.00	Protection Requirements for Spent Fuel Shipments	NPRM 49 FR 23867 6/8/84	The rule modifies the present interim requirements for protection of shipments of irradiated reactor fuel cooled for 150 days or more. Present interim requirements will remain for fuel cooled less than 150 days.	Final rule postponed indefinitely.
100-018.03	Residual Radioactive Materials Cleanup - Radiation Protection Criteria 40 CFR 194	ANPRM 51 FR 22264 6/18/86 Planned NPRM 57 FR 52061 11/3/92	EPA is developing public health and environmental radiation protection criteria for cleanup of residual radioactivity at decommissioned sites. Licensees of the NRC or Agreement States; sites owned or used by DOE, DOD, the former AEC, and the former Manhattan Engineering District; and sites where natural and accelerator-produced radioactive materials have been used would be affected.	NPRM undetermined; no schedule for action.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
100-021.00	Exposure Limits for Transuranics	NPRM 42 FR 60956 11/30/77 Regulatory Agenda 57 FR 52061 11/3/92	EPA proposes interim guidance to federal agencies to limit radiation doses to the general population from transuranic elements present in the environment.	On hold; no action planned at this time.
100-033.00	Explanation to Table S-3, Uranium Fuel Cycle Environmental Data 10 CFR 51	NPRM 46 FR 15154 3/4/81 Regulatory Agenda 57 FR 52429 11/3/92	NRC proposes a narrative explanation of the numerical values of Table S-3, "Table of Uranium Fuel Cycle Environmental Data," which appears in the NRC environmental protection regulations. Values for radon-222 and technetium-99 will be added.	Final rule 5/93.
100-039.00	Residual Radioactive Decontamination Limits for Decommissioning	NQA 55 FR 6137 2/21/90 Notice; NQA 57 FR 58727 12/11/92	NRC will establish residual radioactive contamination limits that must be met before buildings, structures, equipment, materials, and land may be released and the license terminated. NRC announces workshops as part of an enhanced participatory rulemaking on establishing the radiological criteria for decommissioning NRC-licensed facilities. NRC also makes available a rulemaking issues paper.	Comments on issues paper by 5/28/93. NPRM 10/93. Final rule 10/94.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
100-041.00	Standards for Protection Against Radiation 10 CFR 19 10 CFR 20	ANPRM 45 FR 18023 3/20/80 NPRM 51 FR 1092 1/9/86 Notice 55 FR 18689 5/3/90 Final rule 56 FR 23360 5/21/91 Correction 56 FR 23956 5/24/91 Corrections 56 FR 61352 12/3/91 NPRM 57 FR 21216 5/19/92 Notice 57 FR 23929 6/5/92 Correction 57 FR 27845 6/22/92 Final rule 57 FR 38588 8/26/92 Final rule amendment 57 FR 57877 12/8/92	NRC revises its requirements for protection of individuals exposed within and outside the workplace to ionizing radiation from normal operations licensed by the NRC. The revision reflects current data on health risks, dosimetry, and radiation protection practices. NRC also issues a notice to confirm the effective dates for the information collection requirements (ICRs) of the 5/21/91 final rule and extends until 1/1/94 the implementation date for these revised standards. NRC makes minor corrective and conforming amendments to its 8/26/92 final rule on standards for protection against radiation.	Final rule of 5/21/91 effective 6/20/91. Amendment of 12/8/92 effective 12/8/92. Implementation deferred until 1/1/94.
100-053.00	Criteria for Extraordinary Nuclear Occurrence 10 CFR 140	NPRM 50 FR 13978 4/9/85 Regulatory Agenda 57 FR 52430 11/3/92	NRC is considering revising the criteria for an "extraordinary nuclear occurrence." The changes are designed to avoid the problems encountered by the NRC in applying existing criteria to Three Mile Island.	Final rule 9/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-129.00	Environmental Standards for the Management and Disposal of Spent Nuclear Fuel, HLW, and TRU Radioactive Wastes 40 CFR 144 40 CFR 191	NPRM 58 FR 7924 2/10/93	EPA proposes environmental standards for the disposal of spent nuclear fuel, high-level, and transuranic radioactive wastes. EPA also proposes additional UIC regulations, in response to the 1987 court action which remanded the Subpart B standards, in order to make it clear that compliance with 40 CFR 191 Subparts B and C will constitute compliance with SDWA UIC regulations.	Comments by 3/22/93. Final rule 2/94.
*100-129.01	Criteria for Certification of Compliance with Environmental Standards for Spent Nuclear Fuel, HLW, and TRU Wastes 40 CFR 194	ANPRM 58 FR 8029 2/11/93	EPA will propose criteria for certifying compliance with 40 CFR 191 (see RU# 100-129.00) pursuant to its authority under the WIPP Land Withdrawal Act.	Comments by 3/12/93. NPRM 11/93. Final rule 11/94.
100-157.00	Transportation Regulations - Compatibility with IAEA 10 CFR 71	NPRM 53 FR 21550 6/8/88 Corrections 53 FR 23484 6/22/88 Regulatory Agenda 57 FR 52431 11/3/92	NRC proposes to revise its regulations for transportation of radioactive material to make them compatible with those of the IAEA. The basic standards for packaging will remain unchanged, and the transport of low-specific-activity radioactive material is considered. NRC also proposes to include the criteria for approval of packages for air transport of plutonium in 10 CFR 71 (see comparable DOT regulation RU# 400-093).	Final rule 5/93.
100-179.01	Fitness-For-Duty Programs for Category I Fuel Facilities and Shipments 10 CFR 26	NPRM 57 FR 18415 4/30/92 Regulatory Agenda 57 FR 52444 11/3/92	NRC proposes to amend the Commission's fitness-for-duty regulations to include Category I fuel facilities and Category I shipments.	Final rule 3/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-187.00	Licenses and Radiation Safety Requirements for Large Irradiators 10 CFR 19-20 10 CFR 30 10 CFR 36 10 CFR 40 10 CFR 51 10 CFR 70 10 CFR 170	NPRM 55 FR 50008 12/4/90 Final rule 58 FR 7715 2/9/93	NRC establishes a new part 36 to specify radiation safety requirements and licensing requirements for the use of licensed radioactive materials in large irradiators.	Effective 7/1/93.
100-214.00	Nuclear Power Plant Structures, Systems, and Components 10 CFR 50	ANPRM 54 FR 9229 3/6/89 Planned NPRM 57 FR 52442 11/3/92	NRC is proposing to develop regulations requiring enhanced acceptance procedures including, but not limited to, receipt inspection and testing of products purchased for use in nuclear power plant structures, systems, and components.	All action suspended; will be withdrawn.
100-216.00	Guidance on Management Controls/ Quality Assurance, Requirements For Operation, Chemical Safety, and Fire Protection for Fuel Cycle Facilities	Proposed guidance 54 FR 11590 3/21/89 Notice 57 FR 35607 8/10/92	NRC proposed four branch technical positions on management controls/quality assurance, requirements for operation, chemical safety, and fire protection for fuel cycle facilities. NRC issued the revised final "Technical Position on Fire Protection for Fuel Cycle Facilities." Final technical position papers on the other topics have not been issued yet.	Final action on other technical position papers undetermined; no schedule for action.
100-222.00	Code and Standards for Nuclear Power Plants 10 CFR 50	Planned NPRM 57 FR 52427 11/3/92	NRC will incorporate by reference Subsection IWE, "Requirements for Class MC Components of Light-Water Cooled Power Plants," and Subsection IWL, "Requirements for Class CC Concrete Components of Light-Water Cooled Power Plants," of Sect. XI of the ASME Code.	NPRM 4/93.
100-224.00	Primary Reactor Containment Leakage Testing for Water-Cooled Reactors 10 CFR 50	NPRM 51 FR 39538 10/29/86 Regulatory Agenda 57 FR 52429 11/3/92	NRC proposes to update and revise the 1973 criteria for preoperational and periodic pressure testing for leakage of primary containment boundaries of water-cooled power reactors in order to eliminate inconsistencies and obsolete requirements.	Final rule 6/93; still at Commission.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
100-233.00	Acceptability of Plant Performance for Severe Accidents 10 CFR 50	ANPRM 57 FR 44513 9/28/92	MRC announces that it is considering an amendment to its regulations for future light water reactors to address the ability of the plants to withstand challenges from phenomena associated with severe core damage accidents.	NPRM 8/93.
100-249.00	Requirements for Possession of Industrial Devices 10 CFR 31 10 CFR 32	NPRM 56 FR 67011 12/27/91 Regulatory Agenda 57 FR 52443 11/3/92	MRC proposes to amend the regulations for the possession of industrial devices containing byproduct material to require device users to report to the MRC on a periodic basis if the device is still in use or to whom the device has been transferred to assure that devices are not improperly transferred or inadvertently discarded.	Final rule 6/93.
100-252.00	Import and Export of Radioactive Waste 10 CFR 110	ANPRM 55 FR 4181 2/7/90 NPRM 57 FR 17859 4/28/92 Regulatory Agenda 57 FR 52432 11/3/92	MRC proposes to amend its licensing requirements regarding the import and export of radioactive wastes to conform U.S. policies to the international voluntary Code of Practice to guide nations in the development and harmonization of policies and laws on the international transboundary movement of radioactive waste.	Final rule 4/93.
100-258.00	Emergency Preparedness Regulations - Part 52 Licensing 10 CFR 50	NOA 56 FR 12734 3/27/91 Planned NPRM 57 FR 52433 11/3/92	MRC will propose a rule to amend the regulations concerning those portions of emergency plans which cannot be exercised prior to issuance of a Part 52 combined license. This rulemaking will be accomplished on a "high priority basis."	NPRM to be withdrawn.
100-258.01	Emergency Preparedness Regulations - Exercise Requirements 10 CFR 50	Planned NPRM 57 FR 17738 11/3/92	MRC will propose to clarify the linkage between the need for "reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency" indicated in Sect. 50.47(a) and 16 planning standards outlined in Sect. 50.47(b). In addition, this rule will clarify the term "range of protective" actions and the issues of monitoring of evacuees, actions for recovery and reentry, notification of the public, evacuation time estimates, and exercise frequency.	NPRM 4/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
100-265.00	Nuclear Plant License Renewal - Environmental Effects 10 CFR 51	ANPRM 55 FR 29964 7/23/90 NOI 55 FR 29967 7/23/90 NPRM 56 FR 47016 9/17/91 NOA 56 FR 47500 9/19/91 Regulatory Agenda 57 FR 52434 11/3/92	NRC proposes to amend its regulations to add provisions concerning the scope of environmental effects which would be addressed by the Commission in conjunction with applications for operating license renewal for nuclear power plants.	Final rule 3/94.
*100-275.00	Import and Export of Nuclear Equipment and Material 10 CFR 110	Notice 55 FR 53596 12/31/90 Planned NPRM 57 FR 52434 11/3/92	NRC will propose amendments to: (1) permit the expedited import and export of certain nuclear material where no significant proliferation risks are involved, (2) streamline the procedures for public participation in NRC's licensing process, (3) delete from the lists of restricted destinations those countries that signed the Non-Proliferation Treaty, (4) add Namibia to the general license allowing import of their uranium, and (5) make other minor changes. NRC will also propose that the export of heavy water to Canada and low-enriched uranium to EURATOM and to Japan for enrichment will no longer require license application review by the Executive Branch.	<u>Publish direct final rule week of 3/1/93.</u> <u>MPRM week of 3/8/93.</u>
*100-276.00	Timeliness in Decommissioning of Material Facilities 10 CFR 30 10 CFR 40 10 CFR 70 10 CFR 72	NPRM 58 FR 4099 1/13/93	NRC proposes to establish specific time periods for decommissioning unused portions of operating nuclear materials facilities and for decommissioning the entire site upon termination of operations. NRC also proposes to require a description of site conditions as part of the decommissioning plan information.	<u>Comments by 3/29/93.</u> <u>Final rule 3/94.</u>
*100-283.00	Regulatory Guides	Notice 58 FR 6022 1/25/93	EPA announces the availability of draft guide DG-3008, "Nuclear Criticality Safety Training," which provides guidance on developing a nuclear criticality safety training program for the use of special nuclear material.	<u>Comments by 3/19/93.</u>

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RJ NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
100-284.00	Radiation Protection of the Public and Environment 10 CFR 834	Notice 56 FR 67066 12/27/91 Planned NPRM 57 FR 51266 11/3/92	DOE will propose radiation protection requirements for the public and environment for DOE and DOE contractor operations, including a dose limitation system for the protection of the public, requirements for liquid discharges, reporting and monitoring requirements, and residual radioactive material requirements.	NPRM 5/93.
100-288.00	Decommissioning Recordkeeping and License Termination - Documentation 10 CFR 30 10 CFR 40 10 CFR 70 10 CFR 72	NPRM 56 FR 50524 10/7/91 Regulatory Agenda 57 FR 52444 11/3/92	NRC proposes to require licensees to prepare and maintain additional documentation for the purpose of ensuring proper decontamination and decommissioning procedures.	Final rule 3/93.
100-289.00	Radiation Protection for Occupational Workers 10 CFR 835	NPRM 56 FR 64334 12/9/91 Notice 56 FR 67066 12/27/91 Regulatory Agenda 57 FR 51268 11/3/92	DOE proposes primary standards that would be applicable to the control of radiation exposures to occupational workers from normal operations under the control of DOE and DOE contractor personnel.	Final rule 3/93.
100-290.00	Nuclear Safety Management 10 CFR 830	NPRM 56 FR 64316 12/9/91 Clarification of NPRM 57 FR 20796 5/15/92 Regulatory Agenda 57 FR 51268 11/3/92	DOE proposes the addition of a new part to its regulations establishing a body of rules for DOE contractor and subcontractor activities that will form the basic requirements for ensuring nuclear safety at DOE facilities. The body of rules will include conduct of operations, occurrence reporting, safety analysis and requirements, training, certification, and maintenance.	Final rule 7/93.
100-291.00	Agreement State Programs - Compatibility with NRC Programs	Request for comments 56 FR 66457 12/23/91	NRC is reviewing its practices concerning the compatibility of Agreement State Programs with NRC Regulatory Programs and requests comments and recommendations on how to assure this.	Either guidance or an NPRM to be issued by 3/94.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RJ NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-295.00	NUREG Reports Availability	NOA 57 FR 49727 11/3/92	NRC announces the availability of NUREG/CR-5512, "Residual Radioactive Contamination From Decommissioning: Volume 1, Technical Basis for Translating Contamination Levels to Annual Total Effective Dose Equivalent," designed to provide screening models, mathematical formulations for the models, and reference parameter values for estimating doses, above natural background, to individuals from residual radioactivity at decommissioned facilities.	Next action undetermined.
		NOA 58 FR 4448 1/14/93	NRC announces the availability of NUREG-1466, "Staff Technical Position (STP) on Geologic Repository Operations Area Underground Facility Design - Thermal Loads," to provide DOE with a methodology acceptable to NRC for demonstrating compliance with 10 CFR 60.133(i).	
		NOA 58 FR 7265 2/5/93	NRC and EPA jointly issue NUREG/CR-5938, "National Profile on Commercially Generated Low-Level Radioactive Mixed Waste." The Profile was developed for the agencies in 1991-1992 by Oak Ridge National Laboratory.	
*100-293.01	NUREG Reports Availability - Conducting Radiological Surveys	NOA 57 FR 33374 7/28/92	NRC announces the availability of draft NUREG/CR-5849, "Manual for Conducting Radiological Surveys in Support of License Termination."	Final document publication date undetermined.
100-297.00	Nuclear Safety Management - Phase II 10 CFR 830	Planned NPRM 57 FR 51267 11/3/92	DOE will propose Phase II rules, applicable to DOE contractor and subcontractor activities, to ensure nuclear safety at DOE facilities. The rules relate to safety concern management, reactor design criteria, seismic and environmental qualifications, fire protection, personnel training, emergency preparedness, safety responsibility, and contractor oversight.	NPRM 3/93.
100-298.00	Physical Protection Requirements at Fixed Sites 10 CFR 73	NPRM 57 FR 22670 5/29/92 Regulatory Agenda 57 FR 52445 11/3/92	NRC proposes to amend its regulations to reduce the regulatory burden on nuclear licensees. The amendments address the frequency of reporting information and core cooling system analysis for operating power reactors, clarify and update regulations, and remove unnecessary regulatory requirements.	Final rule 3/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RUL NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-303.00	Nuclear Power Plants - Reactor Site Criteria 10 CFR 100 10 CFR 50 10 CFR 52	NPRM 57 FR 47802 10/20/92 Comment period extended 58 FR 271 1/5/93	In response to a petition, NRC proposes to update the criteria used in decisions regarding power reactor siting including geologic, seismic, and earthquake engineering considerations for future nuclear power plants. The Commission also proposes to deny the remaining issue in a petition filed by Free Environment, Inc. and others.	<u>Comments by 3/24/93.</u>
*100-304.00	Licensing of Source Material 10 CFR 40	ANPRM 57 FR 48749 10/28/92	NRC is considering amending its regulations governing the licensing of source material and mill tailings to improve control of source material and to update the applicable requirements to conform with the revised standards for protection against radiation.	<u>NPRM undetermined.</u>
100-306.00	Accessible Air Gap For Generally Licensed Devices 10 CFR 31 10 CFR 32	NPRM 57 FR 56287 11/27/92	NRC proposes a rule to provide for additional regulatory control over devices with both an accessible air gap and radiation levels that exceed specified values to make it more difficult for personnel to obtain access to the gauge's radiation beam, thereby reducing unnecessary exposure.	Comments by 3/29/93.
*100-307.00	Fracture Toughness Requirements for LWR Pressure Vessels 10 CFR 50	Planned NPRM 57 FR 52434 11/3/92	NRC will propose a rule to amend the Commission's regulations concerning fracture toughness requirements to resolve issues that have resulted from technological improvements, including the pressurized thermal shock rule, ferritic materials of pressure-retaining components, and RPV material surveillance.	<u>NPRM 11/93. Final rule 11/94.</u>
100-309.00	Availability of Official Records 10 CFR 2	NPRM 57 FR 61013 12/23/92	NRC proposes to amend its regulations pertaining to the availability of official records to conform the regulations to existing case law and agency practice.	Final rule 12/93.
*100-310.00	DOE Task Force Report on Radioactive Waste Management	NOA 58 FR 3541 1/11/93	The Secretary of Energy Advisory Board Task Force on Radioactive Waste Management announces the availability of a draft report to the Secretary on measures DOE might take to strengthen public trust and confidence in its radioactive waste management activities.	<u>Copies available by calling (202) 586-7092.</u>
*100-311.00	Off-Site Radiological Emergency Planning and Preparedness	NOA 58 FR 7562 2/8/93	FEMA announces the availability of draft guidance on off-site radiological emergency planning and preparedness for commercial nuclear power plants.	<u>Comments by 5/14/93.</u>

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-312.00	Low Specific Activity Wastes Contaminated with Special Nuclear Material - Exemption 10 CFR 150	Petition for rulemaking 58 FR 9552 2/22/93	NRC publishes a petition for rulemaking filed by Envirocare of Utah, Inc. requesting the NRC to revise its regulations to exempt those persons who generate or dispose of very low specific activity wastes contaminated with special nuclear materials that are not capable of forming a critical reaction.	<u>Comments by 4/23/93.</u>
URANIUM MILL TAILINGS RADIATION CONTROL ACT				
Radionuclides NESHAPs - Subpart T Rescinded for Uranium Mill Tailings Sites -- RU# 120-118.06				
930-029.00	Groundwater Protection Standards for Inactive Uranium Tailing Sites 40 CFR 192	NPRM 52 FR 36000 9/24/87 Regulatory Agenda 57 FR 52062 11/3/92	EPA proposes standards for preventing groundwater contamination at inactive uranium processing sites. The rule will replace the remanded groundwater provisions of the final rule of 1/5/83 for remedial action.	Final rule 4/93.
*930-034.00	Uranium Mill Tailing Sites - Remedial Action Program and Annotation of Land Records 10 CFR 764	NPRM 54 FR 29732 7/14/89 Regulatory Agenda 56 FR 53248 10/21/91	DOE proposes to clarify the obligation of certain states to annotate local land records so as to ensure that future purchasers of remediated properties will be notified of the extent of the remedial work.	<u>Final rule 9/93.</u>
930-038.00	Health and Environmental Standards for Uranium Mill Tailings 40 CFR 192	ANPRM 56 FR 67569 12/31/91	EPA will propose to amend Subpart D to require enforceable closure deadlines and appropriate monitoring for uranium mill tailing disposal sites that are licensed by the NRC or one of its Agreement States.	NPRM 5/93.
TOXIC SUBSTANCES CONTROL ACT				
Containerized Liquids in Landfills -- RU# 840-024.00				
Toxic Chemical Release Reporting - Addition of Chemicals; SNUR -- RU# 190-064.00				
920-053.00	Negotiated Consent - Procedural Test Rules 40 CFR 790	Planned NPRM 57 FR 52044 11/3/92	EPA plans to propose appropriate procedural changes to reduce the resources required for consent order negotiation.	NPRM 12/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
920-064.00	Comprehensive Assessment Information Rule 40 CFR 704	Planned NPRM 57 FR 52048 11/3/92	EPA is considering revision of the Comprehensive Assessment Information Rule (CAIR) to establish exemptions for small and "de minimis" volumes, refine trade name reporting requirements, reduce certain advance substantiation requirements for Confidential Business Information (CBI) claims, and define processing activities using processor subclasses.	NPRM 3/93.
*920-073.01	PCBs Storage for Disposal - Notification Requirements 40 CFR 761	NPRM 58 FR 6184 1/26/93	EPA proposes to amend one of the criteria in 40 CFR 761 which serves as a basis for EPA granting approval to engage in the commercial storage of PCB waste.	Final rule 1/94.
920-076.00	Termination of PCBs Storage and Disposal Approvals 40 CFR 761	NPRM 55 FR 46470 11/2/90 Regulatory Agenda 57 FR 52050 11/3/92	EPA proposes a rule establishing criteria and procedures for the suspension and revocation of PCB storage and disposal approvals.	Final rule on hold.
*920-092.00	Chemical Test Data	Notice 57 FR 350 1/5/93	EPA announces the receipt of chemical test data on crotonaldehyde submitted pursuant to a testing consent order.	
		Notice 58 FR 7784 2/9/93	EPA announces the receipt of chemical test data on tributyl phosphate and p-phenylenediamines submitted pursuant to a final test rule.	
		Notice 58 FR 9174 2/19/93	EPA announces the receipt of chemical test data on octabromodiphenyl oxide; 1,2-bis(tribromophenoxy)ethane; and o-phenylenediamine submitted pursuant to a final test rule.	
920-096.01	PCBs - Commerce Exemptions 40 CFR 750 40 CFR 761	NPRM 57 FR 7349 3/2/92 Regulatory Agenda 57 FR 52042 11/3/92	EPA proposes to grant three and deny two petitions for exemption from the prohibition against the manufacture, processing, and distribution in commerce of PCBs. EPA also proposes to amend the interim procedural rules to require submission of a certified letter at least six months prior to the expiration date of an exemption for which the petitioner wants the exemption to continue.	Final rule 6/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
920-113.00	SARA Section 110 Chemicals Generic Test Rule 40 CFR 799	Planned NPRM 57 FR 52044 11/3/92	This regulation will set forth the policies and procedures for using the TSCA Sect. 4 testing authority to obtain toxicity and chemical fate testing to fill certain data needs identified in toxicity profiles of chemicals prepared pursuant to SARA.	NPRM 9/93.
920-119.00	PCBs - Wet Weight, Dry Weight Clarification 40 CFR 761	NPRM 55 FR 12866 4/6/90 Regulatory Agenda 57 FR 52051 11/3/92	EPA proposes to amend the PCB regulations final rule of 7/10/84 (49 FR 28171) by adding the phrase "on a dry weight basis" to Sect. 761.1(b).	Reproposed NPRM 7/93. Final rule 7/94.
920-123.00	Drinking Water Chemicals Proposed Test Rule 40 CFR 799	NPRM 55 FR 21393 5/24/90 NOA 57 FR 14371 4/20/92 Regulatory Agenda 57 FR 52049 11/3/92	EPA proposes a test rule under Sect. 4 of TSCA that would require manufacturers and processors to test the following substances for certain health effects: chloroethane, 1,1-dichloroethane, 1,1,2,2-tetrachloroethane, n-propylbenzene, and 1,3,5-trimethylbenzene. EPA also proposes a new testing guideline for a 14-day repeated dose oral toxicity study.	Final rule 4/93.
920-125.00	PCBs Disposal Amendments 40 CFR 761	ANPRM 56 FR 26738 6/10/91 NOA 56 FR 26745 6/10/91 Planned NPRM 57 FR 52047 11/3/92	EPA is considering amending its TSCA PCB disposal regulations to address (1) alternative disposal methods to those currently permitted which do not pose an unreasonable risk of injury to human health and the environment, (2) classes of PCBs not contemplated by the disposal regulations, and (3) regulatory requirements for existing classes of PCBs and PCB items.	NPRM 7/93.
920-127.00	Environmental Hazard Communication Rule CFR undetermined	Planned ANPRM 57 FR 52042 11/3/92	The Office of Toxic Substances will propose to require Environmental Hazard Communication (EHC) with the sale of commercial chemicals, probably in the form of requiring that environmental information be included on Material Safety Data Sheets (MSDS) whenever the information is available.	Action 4/93; rulemaking may be withdrawn and substituted with a voluntary program.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*920-129.00	TSCA Section 4(a)(1)(B) Policy ("Exposure" Rule) 40 CFR 799	Proposed policy statement 56 FR 32294 7/15/91 Regulatory Agenda 57 FR 52049 11/3/92	EPA proposes standards and criteria it intends to use in interpreting its legal authority to make findings under TSCA Sect. 4(a)(1)(B)(i) for determining substantial production, release to the environment in substantial quantities, and substantial or significant human exposure.	Final policy statement still at OMB; may be summer before released.
920-130.00	Metabolism and Pharmacokinetic Test Guideline 40 CFR 798	NPRM 56 FR 32537 7/17/91	EPA proposes to establish a test guideline for generating metabolism and pharmacokinetic data. This joint guideline would harmonize the pharmacokinetics testing guidelines of the Office of Toxic Substances and the Office of Pesticide Programs and assist EPA in developing health effects test data standards for testing chemicals under TSCA and FIFRA.	Final rule 3/93; at OMB.
920-132.00	PCB Transformer Reclassification Rule 40 CFR 761	Planned NPRM 57 FR 52048 11/3/92	EPA will modify the current reclassification requirements of 50 degrees centigrade temperature and 90-day testing for PCB transformers because results of a preliminary analysis indicate many transformers never reach the required temperature but still reduce PCB concentrations to risk-free levels.	NPRM 3/93; at OMB. Final rule 3/94.
HAZARDOUS MATERIALS TRANSPORTATION ACT				
Transportation Regulations - Compatibility with IAEA -- RU# 100-157.00				
*400-014.00	Railroad Shipment of Hazardous Material - Use of Cargo Tanks, Portable Tanks, and Multi-Unit Tank Car Tanks 49 CFR 171 49 CFR 174	ANPRM 50 FR 18278 4/30/85 Extension of existing approvals 56 FR 8388 2/28/91 Planned NPRM 57 FR 51761 11/3/92	The Federal Railroad Administration (FRA) and RSPA will propose to permit the use of portable tanks and IM portable tanks to transport certain hazardous materials that pose a relatively low or moderate hazard in container-on-flatcar (COFC) service by rail without obtaining prior approval from the FRA.	Extension of existing approvals effective 3/1/91. NPRM 7/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
400-039.00	Pipeline Operator Qualifications 49 CFR 192 49 CFR 195	ANPRM 52 FR 9189 3/23/87 Planned NPRM 57 FR 51756 11/3/92	RSPA is considering the need to develop additional regulations governing training and qualification of persons that operators hire to design, construct, operate, or maintain pipeline facilities used in transport of gas or hazardous materials.	NPRM 4/93.
400-040.00	Transportation of Hazardous Materials - Miscellaneous Amendments 49 CFR 171-178	NPRM 56 FR 37505 8/7/91 Regulatory Agenda 57 FR 51764 11/3/92	RSPA proposes several amendments to update and simplify the Hazardous Materials Regulations.	Final rule 4/93.
400-044.00	Hazardous Materials - Intrastate Commerce 49 CFR 171-179	ANPRM 52 FR 24195 6/29/87 Planned NPRM 57 FR 51756 11/3/92	DOT is considering extending the application of its hazardous material regulation to all intrastate transportation of hazardous materials in commerce.	NPRM 5/93.
400-057.00	Railroad Shipment of Hazardous Waste - Defects of Tank Car Tanks 49 CFR 173	ANPRM 52 FR 46510 12/8/87 Planned NPRM 57 FR 51759 11/3/92	This would clarify existing inspection requirements for tank car tanks; add new inspection requirements for thermal protection on tank car tanks; permit the use of new inspection techniques for tank cars transporting low vapor pressure commodities in lieu of periodic hydrostatic retests; and establish minimum in-service tank thickness requirements.	NPRM 6/93. Final rule 6/94.
400-061.00	Highway Routing Standards for Hazardous Materials 49 CFR 397	ANPRM 53 FR 11618 4/7/88 NPRM 57 FR 39522 8/31/92 Regulatory Agenda 57 FR 51707 11/3/92	FHWA proposes routing criteria, requirements, and methodologies for states and Indian tribes to follow when analyzing alternative routes for highway transport of non-radioactive hazardous materials.	Final rule 5/93.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
400-063.00	Excavation Damage-Prevention Programs for Pipelines 49 CFR 192 49 CFR 195	NPRM 53 FR 24747 6/30/88 Regulatory Agenda 57 FR 51763 11/3/92	OPS, RSPA, and DOT propose to require operators of buried onshore gas, hazardous liquid, and carbon dioxide pipelines to conduct excavation damage prevention programs in accordance with criteria adopted previously for gas pipeline damage prevention programs.	Interim final rule 4/93. Supplemental NPRM 4/93.
400-064.00	Maps and Records of Pipeline Location and Characteristics - State Notification 49 CFR 192 49 CFR 195	Planned NPRM 57 FR 51756 11/3/92	As part of a continuing policy to adopt similar safety requirements for gas and hazardous liquid pipelines, this action will propose to equalize the requirements that gas and liquid operators keep maps and records to show the location and other characteristics of pipelines and will require them to provide this information to state agencies upon request.	NPRM 5/93. Final rule 5/94.
400-073.00	Implementation of the ICAO's Technical Instructions 49 CFR 171 49 CFR 172 49 CFR 175	NPRM 55 FR 46839 11/7/90 Supplemental NPRM 57 FR 1891 1/16/92 Regulatory Agenda 57 FR 51766 11/3/92	RSPA proposes to amend its regulations in order to permit the offering, acceptance, and transportation by aircraft of hazardous materials shipments conforming to the most recent ICAO technical instructions. RSPA also issues a supplemental proposed rule to amend the HMR by adding four provisions relating to the transport of hazardous materials by aircraft.	Final rule 4/93.
400-080.00	Marine Transport of Bulk Solid Hazardous Materials 49 CFR 148	ANPRM 54 FR 18308 4/28/89 Notice 55 FR 11481 3/28/90 Regulatory Agenda 57 FR 51651 11/3/92	DOT will propose to incorporate into 46 CFR 148 the Coast Guard's and the International Maritime Organization's requirements for shipping certain frequently carried hazardous bulk solids, to eliminate paperwork for both the Coast Guard and the shipping industry and to harmonize domestic regulations with international standards.	NPRM 4/93. Final rule 4/94.

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400-093.00	Transportation Regulations - Compatibility with IAEA 49 CFR 171-178	NPRM 54 FR 47454 11/14/89 NOA 54 FR 48054 11/20/89 Regulatory Agenda 57 FR 51765 11/3/92	RSPA proposes to revise its regulations to make them compatible with those of the IAEA for the safe transport of radioactive materials (see comparable MRC regulation RU# 100-157).	Final rule 5/93.
*400-095.00	Elevated Temperature Materials 49 CFR 171 49 CFR 172 49 CFR 173	NPRM 54 FR 38930 9/21/89 Final rule 56 FR 49980 10/2/91 Compliance date delayed 56 FR 67542 12/31/91 Final rule amendment 58 FR 3344 1/8/93	RSPA amends the HMR to regulate materials which pose a hazard due to their being transported at elevated temperatures. Materials include those in a liquid phase having temperatures at or above 212 degrees F or having a flash point at or above 100 degrees F and those in a solid phase having temperatures at or above 464 degrees F. In response to petitions for reconsideration, RSPA amends the final rule to provide regulatory relief from certain packaging requirements for asphalt kettles and authorizes continued use of certain packaging now in service for the transportation of elevated temperature materials.	Effective 3/30/92. Classification and hazard communication requirements effective 10/1/93. Placarding requirements effective 10/1/94. Packaging closure requirements effective 3/30/95. <u>Amendment effective 1/8/93.</u>
400-097.00	Transportation of Hydrogen Sulfide by Pipeline 49 CFR 192	ANPRM 54 FR 24361 6/7/89 NPRM 56 FR 11490 3/18/91 Regulatory Agenda 57 FR 51765 11/3/92	RSPA proposes to: (1) prohibit operators from transporting in a transmission line downstream of gas processing plants, sulfur recovery plants, or storage fields, natural gas containing more than a designated amount of H ₂ S; (2) require that the release of a designated excess of H ₂ S be reported to DOT; and (3) require that onshore/offshore gathering lines carrying a designated excess of H ₂ S have a contingency plan in place in case of a release of the gas.	To be withdrawn 4/93.

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400-118.00	Crash Worthiness Protection Requirements Tank Car Tanks 49 CFR 173	ANPRM 55 FR 20242 5/15/90 Supplemental ANPRM 55 FR 35327 8/29/90 Planned NPRM 57 FR 51760 11/3/92	RSPA considers amendments to improve the level of safety of tank car tanks through operational changes, design modifications, and retrofitting requirements. In a supplement to its 5/15/90 ANPRM, RSPA considers four further amendments to its tank car tank specifications.	NPRM 6/93.
400-120.00	Hazardous Liquid Pipelines Operating at 20 Percent or Less of Specified Minimum Yield Strength 49 CFR 195	ANPRM 55 FR 45822 10/31/90 Planned NPRM 57 FR 51759 11/3/92	RSPA solicits comments and information to use in determining whether and to what extent to remove the exception in the pipeline safety standards governing hazardous liquid pipelines which says that they do not apply to pipelines operated at 20 percent or less of the specified minimum yield strength of the pipe.	NPRM 6/93. Final 6/94.
400-121.00	Excess Flow Valve Installation on Service Lines 49 CFR 192	ANPRM 55 FR 52188 12/20/90 Planned NPRM 57 FR 51757 11/3/92	The Office of Pipeline Safety seeks public participation in determining whether operators should be required to install excess flow valves on gas service lines to improve safety and reduce the frequency of incidents. Flow valves are designed to shut off automatically when a line is broken.	NPRM 6/93.
400-126.00	Hazardous Materials Identification Systems 49 CFR 172	ANPRM 57 FR 24532 6/9/92 Planned NPRM 57 FR 51756 11/3/92	RSPA will propose methods to improve the current system of placarding vehicles and methods for establishing and operating a central reporting system and computerized telecommunications data center, and will consider the benefits of requiring carriers to establish emergency response telephone systems.	NPRM 4/93.
400-127.00	Intermediate Bulk Containers for Hazardous Materials 49 CFR 171 49 CFR 172 49 CFR 173 49 CFR 178	NPRM 57 FR 36694 8/14/92 Regulatory Agenda 57 FR 51761 11/3/92	RSPA proposes to adopt requirements for the construction, maintenance, and use of intermediate bulk containers for transporting hazardous materials. The proposal is based on specification and performance standards contained in the U.N. Recommendation on Transport of Dangerous Goods and the commodity assignments set forth in the International Maritime Dangerous Goods Code.	Final rule 8/93.

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400-128.00	Gas Pipeline Safety Standards 49 CFR 190 49 CFR 191 49 CFR 192 49 CFR 193	NPRM 57 FR 39572 8/31/92 NPRM 57 FR 53085 11/6/92	RSPA proposes to change miscellaneous gas pipeline safety standards to provide clarity, eliminate unnecessary or overly burdensome requirements, and foster economic growth. In response to a regulatory review, RSPA also proposes additional changes to various gas pipeline and liquefied natural gas facility reporting and operating standards to eliminate unnecessary requirements.	Final rule 5/93.
400-129.00	Tank Car Tanks and Cargo Tank Motor Vehicles - Attendance Requirements 49 CFR 174 49 CFR 177	NPRM 57 FR 42466 9/14/92 Regulatory Agenda 57 FR 51761 11/3/92	RSPA proposes to allow the use of signalling systems to satisfy the attendance requirements for unloading tank cars and loading cargo tank motor vehicles. RSPA also proposes to allow tank cars containing hazardous materials to remain standing with unloading connections attached when no product is being transferred.	Final rule 9/93.
*400-133.00	Passage of Instrumented Internal Inspection Devices 40 CFR 190 49 CFR 192-193 49 CFR 195	HPRM 57 FR 54745 11/20/92	RSPA proposes that new and replacement gas and hazardous liquid transmission pipelines and certain carbon dioxide pipelines be designed and constructed to accommodate the passage of instrumented internal inspection devices, commonly referred to as "smart pigs."	Final rule 11/93.
400-134.00	Hazardous Liquid and Carbon Dioxide Pipeline Safety Standards 49 CFR 195	NPRM 57 FR 56304 11/27/92	In response to a regulatory review, RSPA proposes revisions to miscellaneous hazardous liquid and carbon dioxide pipeline safety standards to provide clarity and eliminate unnecessary requirements.	Final rule undetermined.
OCCUPATIONAL SAFETY AND HEALTH ACT				
780-009.00	Occupational Exposure to Methylene Chloride 29 CFR 1910 29 CFR 1915 29 CFR 1926	ANPRM 51 FR 42257 11/24/86 NPRM 56 FR 57036 11/7/91 Corrections 57 FR 387 1/6/92 Regulatory Agenda 57 FR 51602 11/3/92	OSHA proposes to amend its existing regulation for occupational exposure to methylene chloride to reduce the 8-hour TWA exposure limit from 500 ppm to 25 ppm.	Final rule 9/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*780-011.00	Respiratory Protection 29 CFR 1910.134 29 CFR 1915.152 29 CFR 1918.102 29 CFR 1926.103	ANPRM 47 FR 20803 5/14/82 Planned NPRM 57 FR 51595 11/3/92	OSHA is reviewing current standards for respiratory protection and intends to propose revisions following analysis of the standards.	<u>NPRM 12/93. Final rule 12/94.</u>
780-020.00	Construction Standards - Safety Standards for Scaffolds 29 CFR 1926	NPRM 51 FR 42680 11/25/86 Regulatory Agenda 57 FR 51600 11/3/92	OSHA proposes to revise the construction industry safety standards for scaffolds to regulate the design, construction, and use of all scaffolds in construction.	Final rule 12/93.
780-021.00	Construction Industry - Safety Standards for Fall Protection 29 CFR 1926	NPRM 52 FR 42718 11/25/86 Reopening of rulemaking 57 FR 34656 8/5/92 Regulatory Agenda 57 FR 51599 11/3/92	OSHA proposes to revise the construction industry safety standards to regulate the design and use of fall protection systems and procedures. The proposed revisions would address exposure hazards by using performance criteria rather than specification standards.	Final rule 5/93.
*780-025.00	Occupational Exposure to 2-Methoxyethanol, 2-Ethoxyethanol and Their Acetates 29 CFR 1910.1000	ANPRM 52 FR 10586 4/2/87 Planned NPRM 57 FR 51596 11/3/92	OSHA plans to develop standards for occupational exposure to 2-methoxyethanol, 2-ethoxyethanol, and their acetates, all of which are compounds used as industrial solvents.	<u>NPRM 4/93.</u>
780-041.00	Generic Standard for Exposure Monitoring 29 CFR 1910	ANPRM 53 FR 37591 9/27/88 Planned NPRM 57 FR 51593 11/3/92	OSHA is evaluating the feasibility and usefulness of adoption of a generic standard on exposure monitoring for employees exposed to toxic substances.	Decision on whether to proceed with NPRM 3/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
780-042.00	Medical Surveillance Program for Employees 29 CFR 1910	ANPRM 53 FR 37595 9/27/88 Planned NPRM 57 FR 51593 11/3/92	OSHA is evaluating the feasibility and usefulness of adoption of a generic standard on medical surveillance programs for employees exposed to toxic substances or hazardous physical agents.	Rulemaking on hold; new administration may reactivate it.
780-044.00	Asbestos Short-Term Exposure Limit (Category III Remand Issues) 29 CFR 1910 29 CFR 1926	NPRM 55 FR 29712 7/20/90 Regulatory Agenda 57 FR 51604 11/3/92	In response to litigation, OSHA proposes to lower the PEL to 0.1 f/cc, set additional communication and notification requirements, require oversight of all construction operations, and more explicitly define the exemptions from the negative-pressure enclosure requirement.	Final rule 5/93.
780-045.00	Hazardous Waste Training Course Certification 29 CFR 1910	NPRM 55 FR 2776 1/26/90 NOA; reopening of record 57 FR 4858 2/10/92 Regulatory Agenda 57 FR 51605 11/3/92	DOL proposes accreditation procedures for training programs set up under the Hazardous Waste Operations and Emergency Response final rule of 3/9/89 for employees involved in clean-up operations at uncontrolled hazardous waste sites being cleaned up under government mandate and for employees involved in certain hazardous waste treatment, storage, and disposal operations. This rule does not propose to accredit training programs for employees engaged in emergency response activities.	Final rule 12/93.
780-047.00	Electrical Protective Equipment; Generation, Transmission, Distribution 29 CFR 1910	NPRM 56 FR 4974 1/31/89 Regulatory Agenda 57 FR 51601 11/3/92	OSHA proposes a standard for work practices used in operation and maintenance of electric power generation, transmission, and distribution facilities. Revisions to protective equipment requirements are included.	Final rule 7/93.
*780-051.00	Confined Spaces - Permits and Safety Requirements 29 CFR 1910	NPRM 54 FR 24080 6/5/89 Final rule 58 FR 4462 1/14/93	OSHA establishes safety requirements, including a permit system, for entry into those confined spaces which OSHA has identified as posing special dangers for entrants due to their configuration or other features.	Effective 4/15/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
780-052.00	Methods of Compliance 29 CFR 1910	NPRM 54 FR 23991 6/5/89 Regulatory Agenda 57 FR 51599 11/3/92	OSHA proposes to modify the existing provisions for controlling employee exposures to toxic substances found in 1910.1000(e) and 1910.134(a)(1). The agency proposes to incorporate additional flexibility in its requirements by setting forth the circumstances under which respiratory protection may be used in lieu of engineering controls.	Final rule put on hold; possible action by 11/93.
780-054.00	Personal Protective Equipment 29 CFR 1910	NPRM 54 FR 33832 8/16/89 Regulatory Agenda 57 FR 51602 11/3/92	OSHA proposes to revise portions of the general industry safety standards addressing personal protective equipment. The criteria for personal protective equipment for eye, face, head, and foot would be revised to reflect improved developments in these types of equipment.	Final rule 4/93.
780-057.00	General Industry - Personal Fall Protective Equipment 29 CFR 1910	NPRM 55 FR 13423 4/10/90 Regulatory Agenda 57 FR 51600 11/3/92	OSHA proposes to amend the standards for personal protective equipment for general industry by adding criteria pertaining to personal fall protection systems, including fall arrest systems, work positioning systems, travel restricting systems, and fall protection systems for climbing.	Final rule 12/93.
780-058.00	General Industry Standards - Walking and Working Surfaces 29 CFR 1910	NPRM 55 FR 13360 4/10/90 Regulatory Agenda 57 FR 51604 11/3/92	OSHA proposes to revise its general industry standards for workplace walking and working surfaces in order to focus on the hazards that can result in trips, slips, and falls causing serious and fatal injuries. This proposed standard will also eliminate ambiguities and redundancies in the existing Subpart D standards and address areas not covered in the existing standards.	Final rule 12/93.
780-059.00	Recording and Reporting Occupational Injuries and Illnesses 29 CFR 1904	Planned NPRM 57 FR 51597 11/3/92	OSHA requires covered employers to record all work-related fatalities, illnesses, and certain injuries and to report summary data if selected to participate in the BLS annual survey. BLS and OSHA have tested several data collection vehicles and procedures and are revising the recordkeeping guidelines to improve the usefulness of the survey outputs.	NPRM 6/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
780-061.00	Reporting of Fatality or Multiple Hospitalization Accidents 29 CFR 1904	NPRM 57 FR 21222 5/19/92 Regulatory Agenda 57 FR 51605 11/3/92	OSHA proposes to revise reporting requirements in 29 CFR 1904.8 to expand the scope and time requirements for reporting hospitalizations and fatalities.	Final rule 3/93.
780-062.00	Air Contaminants - Construction, Maritime, and Agricultural Industry 29 CFR 1910 29 CFR 1915 29 CFR 1917-1918 29 CFR 1926 29 CFR 1928	NPRM 57 FR 26002 6/12/92 Comment period extended 57 FR 37126 8/18/92 Regulatory Agenda 57 FR 51597 11/3/92	OSHA proposes to revise its existing air contaminant standards for the construction and maritime industries to establish more protective limits, and proposes to add exposure limits and standards for the agricultural industry. OSHA indefinitely extends the comment period on its proposed rule pursuant to a recent appeals court decision which vacated and remanded the general industry final rule for air contaminants.	Comments at any time. Final rule 6/93.
*780-063.00	Ergonomic Safety and Health Management 29 CFR 1910	ANPRM 57 FR 34192 8/3/92 Corrections 57 FR 37591 8/19/92 Planned NPRM 57 FR 51593 11/3/92	OSHA is considering the development of a safety and health management standard that would address ergonomic hazards in the workplace for general industry and specific industries.	<u>NPRM undetermined.</u>
*780-064.00	Crane Safety Standards 29 CFR 1910 29 CFR 1919 29 CFR 1926	ANPRM 57 FR 47746 10/19/92 Planned NPRM 57 FR 51594 11/3/92	OSHA is considering a multi-phased revision of provisions in general, and crane operator qualifications in particular, and solicits quantitative and qualitative data and expert opinions in this regard.	<u>NPRM undetermined.</u>

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
ENDANGERED SPECIES ACT				
*200-052.00	Endangered and Threatened Wildlife - Mexican Spotted Owl 50 CFR 17	NPRM 56 FR 56344 11/4/91 Notice 57 FR 58785 12/11/92 Notice 57 FR 59978 12/17/92	The FWS proposes to list the Mexican spotted owl (<i>Strix occidentalis lucida</i>), found in Colorado, Utah, Arizona, New Mexico and Texas, as threatened under the Endangered Species Act.	Final rule 4/93.
200-053.00	Endangered and Threatened Wildlife - Oregon Chub	NPRM 56 FR 58348 11/19/91	The FWS proposes to list the Oregon Chub (<i>Oregonichthys crameri</i>), found in several counties in western Oregon, as an endangered species under the ESA.	Final rule 4/93.
200-056.00	Endangered and Threatened Wildlife - Mussels 50 CFR 17	NPRM 57 FR 27203 6/18/92 Regulatory Agenda 57 FR 51470 11/3/92	The FWS proposes to list the northern riffleshell mussel (<i>Epioblasma torulosa rangiana</i>) and the clubshell mussel (<i>Pleurobema clava</i>) as endangered species under the ESA. Both species occur in stream located in several eastern states including Kentucky, Ohio, and Pennsylvania.	Final rule by 6/93.
200-057.00	Endangered and Threatened Fishes - Duskytail Darter and Others 50 CFR 17	NPRM 57 FR 30191 7/8/92 Regulatory Agenda 57 FR 51466 11/3/92	The FWS proposes to list three fishes - duskytail darter (<i>Etheostoma caeruleum</i>), palezone shiner (<i>Notropis procerus</i>), and pygmy madtom (<i>Noturus stanali</i>) - as endangered species under the ESA. The fishes inhabit certain streams in Alabama, Kentucky, Virginia, and eastern Tennessee.	Final rule by 7/93.
200-058.00	Endangered and Threatened Wildlife - Least Bell's Vireo 50 CFR 17	Revised NPRM 57 FR 34892 8/7/92 Regulatory Agenda 57 FR 51464 11/3/92	The FWS proposes to revise the designation of critical habitat for the least Bell's vireo (<i>Vireo bellii pusillus</i>) originally proposed May 3, 1985. The proposed designation encompasses portions of Los Angeles, Riverside, San Bernardino, San Diego, Santa Barbara, and Ventura counties in California.	Final rule by 8/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
200-059.00	Endangered and Threatened Species - Sacramento River Chinook Salmon 50 CFR 226	NPRM 57 FR 36626 8/14/92	The National Marine Fisheries Service proposes critical habitat designation for the Sacramento River winter-run chinook salmon (<u>Oncorhynchus tshawytscha</u>).	Final rule by 8/93.
*200-060.00	Designated Critical Habitat - Snake River Sockeye Salmon, Spring/Summer/Fall Chinook Salmon 50 CFR 226	NPRM 57 FR 57051 12/2/92	The National Marine Fisheries Service proposes to designate critical habitat for the Snake River sockeye salmon (<u>Oncorhynchus nerka</u>) and the Snake River spring/summer and fall chinook salmon (<u>Oncorhynchus tshawytscha</u>).	Final rule by 12/93.
*200-062.00	Endangered and Threatened Plants - San Francisco Bay Serpentine Soil Plants 50 CFR 17	NPRM 57 FR 59053 12/14/92	The FWS proposes endangered status for ten plants and threatened status for two plants which are restricted to serpentine soils in the San Francisco Bay, California region.	Final rule by 12/93.
*200-063.00	Endangered and Threatened Wildlife - Colorado River Fishes 50 CFR 17	NPRM 58 FR 6578 1/29/93	FWS proposes to designate critical habitat for four species of fish endemic to the Colorado River Basin: razorback sucker, Colorado squawfish, humpback chub and bonytail chub.	Comments by 3/30/93. Final rule by 2/94.
MARINE PROTECTION, RESEARCH, AND SANCTUARIES ACT				
450-016.00	Ocean Dumping - Expansion of Designated Sites - Washington, Oregon 40 CFR 228	NPRM 57 FR 43427 9/21/92	EPA proposes to temporarily expand the boundaries of three of four designated ocean dredged material disposal sites located offshore of the mouth of the Columbia River, to restrict site use to maintenance dredging material, and to alter conditions of site use.	Final rule 4/93.
NATIONAL ENVIRONMENTAL POLICY ACT				
450-017.00	DOE Integrated Environmental Restoration and Waste Management Program	NOI 55 FR 42633 10/22/90 NOA 57 FR 4193 2/4/92	DOE announces its intent to prepare a programmatic EIS to assess the potential environmental consequences of alternatives for implementing an integrated environmental restoration and waste management program that would provide a broad, systematic approach to addressing cleanup activities and waste management practices.	Draft PEIS third quarter CY 1993.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RJ NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
480-019.00	NEPA Implementing Procedures for Bureau of Mines	Notice of proposed revisions 57 FR 3436 1/29/92	DOI announces a proposed revision for implementing NEPA within the Bureau of Mines. The revision primarily reflects changes in organization and responsibilities.	Final revisions 4/93.
*480-020.00	National Environmental Policy Act - Pollution Prevention	Notice 58 FR 6478 1/29/93	The Council on Environmental Quality publishes a memorandum submitted to the heads of federal agencies to provide guidance on incorporating pollution prevention into their planning and decisionmaking processes and evaluating and reporting those efforts in NEPA documents.	
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT				
*180-001.00	Native American Graves Protection and Repatriation Act Implementation CFR undetermined	Planned NPRM 57 FR 51476 11/3/92	Regulations will provide federal agencies, museums that receive federal funds, Indian tribes, and native Hawaiian organizations with directions on procedures and actions needed to comply with the Native American Graves Protection and Repatriation Act.	NPRM 3/93.
ARCHEOLOGICAL RESOURCES PROTECTION ACT				
190-001.00	Protection of Archeological Resources - Uniform Rules 18 CFR 1312 32 CFR 229 36 CFR 296 43 CFR 7	NPRM 56 FR 46259 9/11/91 Regulatory Agenda 57 FR 51476 11/3/92	To implement changes required by the Archeological Resources Protection Act, an interagency group composed of DOI, DOD, TVA, and USDA proposes to amend the description of prohibited acts to include attempts to excavate, remove, damage, or otherwise alter or deface archeological resources.	Final rule 9/93.
090-002.01	Curation of Federally Owned Archaeological Collections 36 CFR 79	NPRM 55 FR 37670 9/12/90 Regulatory Agenda 57 FR 51476 11/3/92	NPS proposes to amend the final rule of 9/12/90 to establish procedures for federal agencies to provide both information on the disposition of collections and copies of certain associated records to pertinent state officials, and procedures for discarding certain collection materials.	Final rule 9/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT				
300-033.00	Guidelines on Disposal and Storage 40 CFR 165	Updating underway 50 FR 44656 10/29/85 Planned NPRM 57 FR 52039 11/3/92	The 1988 amendments to FIFRA significantly expand EPA authority to regulate the storage, transportation, and disposal of pesticides. The Agency may exercise this authority through labeling provisions, procedures for recall of canceled products, and other regulations for storage, transport, and disposal of pesticide residues.	To be published in three parts: Phase I NPRM 3/93, Phase II NPRM 6/93, Phase III 1994.
300-004.01	Worker Protection Standards - Pesticide Information Availability 40 CFR 170	NPRM 57 FR 38167 8/21/92 Regulatory Agenda 57 FR 52037 11/3/92	EPA proposes modifying the worker protection standard for agricultural workers and pesticide handlers to require that specific hazard information be made available to covered workers concerning the pesticides to which they are exposed.	Final rule 12/93.
300-007.00	Restricted Use Classification for Groundwater Contaminating Pesticides 40 CFR 152	Notice 55 FR 5831 2/20/90 NPRM 56 FR 22076 5/13/91 NOA 56 FR 56643 11/6/91 Regulatory Agenda 57 FR 52039 11/3/92	EPA proposes two options for adding new criteria for selection of pesticide products as candidates for restricted use classification. The proposed criteria would require consideration of restricted use for pesticide products that may contaminate groundwater. Both options address the measured persistence and mobility of an ingredient of a pesticide and the detection of the ingredient in groundwater in at least three different counties.	Final rule 5/93.
300-014.00	Experimental Use Permit Rule for Microbial Pesticides 40 CFR 172	Planned NPRM 57 FR 52038 11/3/92	EPA will propose to amend its experimental use permit regulations for pesticides to clarify the circumstances under which a permit is presumed not to be required and to specify that the presumption is based on risk. EPA will also propose to require notification before initiation of small-scale testing of certain genetically modified microbial pesticides.	NPRM 3/93; still at OMB.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
300-021.00	Certification of Restricted Use Pesticide Applicators 40 CFR 171	NPRM 55 FR 46890 11/7/90 Notice 56 FR 12007 3/21/91 Regulatory Agenda 57 FR 52041 11/3/92	EPA proposes to revise the rules regarding the certification of applicators of restricted use pesticides to upgrade the provisions of certification programs.	Final rule 10/93.
*300-026.00	National Laboratory Accreditation Program 7 CFR 100	ANPRM 57 FR 54727 11/20/92	The DHHS and the DOA will propose the creation of a National Laboratory Accreditation Program (NLAP) for certain laboratories that request accreditation and conduct pesticide residue analysis of agricultural products or that make claims to the public or buyers of these products. The program will ensure that such laboratories meet minimum quality and reliability standards.	<u>NPRM undetermined.</u>
FEDERAL MINE SAFETY AND HEALTH ACT				
330-004.01	Safety Standards for Explosives at Metal and Nonmetal Mines 30 CFR 56 30 CFR 57	NPRM 57 FR 47524 10/16/92 Correction 57 FR 49218 10/30/92	DOL proposes a rule to address stayed provisions of the 1/18/91 final rule on safety standards for explosives at metal and nonmetal mines.	Final rule 4/93.
330-005.00	Air Quality, Chemical Substances, and Respiratory Protection Standards 30 CFR 56-58 30 CFR 70-72 30 CFR 75 30 CFR 90	NPRM 54 FR 35760 8/29/89 Correction 55 FR 5118 2/13/90 Regulatory Agenda 57 FR 51590 11/3/92	The Mine Safety and Health Administration proposes to revise existing standards for air quality and chemical substances at coal and metal/nonmetal mines. Permissible exposure limits (PELs) for substances that may pose health hazards at these mines and revised requirements for exposure monitoring, carcinogens, and respiratory protection programs are proposed.	Final rule 12/93.

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330-006.00	Hazard Communication CFR undetermined	NPRM 55 FR 46400 11/2/90 Regulatory Agenda 57 FR 51589 11/3/92	MSHA proposes to establish a hazard communication standard that would require mine operators to assess the hazards of chemicals they produce or use and provide information to their employees concerning chemical hazards by means of a written hazard communication program, labeling of containers, MSDS sheets, and training programs.	Final rule 4/93.
HISTORIC SITES ACT OF 1935				
410-004.00	National Natural Landmarks - Designation of Geological and Ecological Natural Areas 36 CFR 62	ANPRM 55 FR 43384 10/29/90 NPRM 56 FR 58790 11/21/91 Regulatory Agenda 57 FR 51477 11/3/92	The National Park Service proposes to amend its regulations governing the identification, notification, evaluation, nomination, and designation of geological and ecological natural areas as National Natural Landmarks (NNLs) to ensure that landowners are fully notified and provided full program disclosure and an understanding of the consequences of NNL designation before agreeing to it.	Final rule 5/93.
BIOTECHNOLOGY				
110-005.00	Microbial Products (Biotechnology) 40 CFR 704 40 CFR 720 40 CFR 721	Planned NPRM 57 FR 52046 11/3/92	EPA will propose to amend its definition of "small quantities solely for research and development" and to amend reporting requirements for persons who are using microorganisms. EPA will establish a special notification mechanism for experimental releases of microorganisms and propose significant new use notification requirements under TSCA Sect. 5(a)(2).	NPRM 5/93. Final rule 12/93.
PACIFIC NORTHWEST ELECTRIC POWER AND CONSERVATION				
810-009.00	Power Plan Amendments - Columbia River Basin (Phase IV)	Notice 56 FR 23947 5/24/91 Notice 57 FR 61608 12/28/92	The Pacific Northwest Electric Power and Conservation Planning Council publishes the recommendations it received to amend the resident fish and wildlife provisions of the Columbia River Basin Fish and Wildlife Program, and invites comment on them.	Final action 10/93.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
COASTAL ZONE MANAGEMENT ACT				
160-002.00	National Estuarine Reserve Research System 15 CFR 921	NPRM 53 FR 43816 10/28/88 Interim final rule 55 FR 29940 7/23/90 NPRM 57 FR 31926 7/17/92 Regulatory Agenda 57 FR 51183 11/3/92	NOAA proposes to revise the existing interim final rules for selecting, designating, operating and funding national estuarine research reserves to bring them into accord with requirements of the Coastal Zone Act Reauthorization Amendments of 1990.	Interim final rule effective 7/23/90. Final rule 4/93.
*160-003.01	Implementation of 1990 Reauthorization of Coastal Zone Management Act - Management Measures for Non-point Sources 15 CFR 928 15 CFR 932	NOA 56 FR 27618 6/14/91 Correction 56 FR 28959 6/25/91 NOA 57 FR 26845 6/16/92 NOA 58 FR 5182 1/19/93	EPA issues final guidance specifying management measures for the control of non-point sources causing coastal water pollution. These non-point sources include agriculture, silviculture, urban runoff, hydromodification, and marinas.	<u>Effective immediately.</u>
*160-003.02	Implementation of 1990 Reauthorization of Coastal Zone Management Act - Approval of State Programs 15 CFR 928 15 CFR 932	NOA 56 FR 51882 10/16/91 Notice 57 FR 55252 11/24/92 NOA 58 FR 5182 1/19/93	EPA and NOAA issue final guidance specifying procedures and criteria that will guide the Agencies' approval of state programs, to assist states in developing and obtaining approval for their coastal non-point pollution control programs.	<u>Effective immediately.</u>

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
OTHER				
805-023.00	Assessing Female Reproductive Risk	Proposed guidelines 53 FR 24834 6/30/88	EPA proposes guidelines for assessing the female reproductive risk of environmental pollutants. The guidelines are intended to guide Agency analysis of data on female reproductive toxicants according to appropriate scientific standards.	Final guidelines 5/93.
805-024.00	Assessing Male Reproductive Risk	Proposed guidelines 53 FR 24850 6/30/88	EPA proposes guidelines for assessing the male reproductive risk of environmental pollutants. The guidelines are intended to guide Agency analysis of data on male reproductive toxicants according to appropriate scientific standards.	Final guidelines 5/93.
805-041.00	Task Force on Wetlands - No Net Loss Strategy	Notice 55 FR 30279 7/25/90 NOA 56 FR 8560 2/28/91	The Domestic Policy Council's Task Force on Wetlands requests comments on strategies for attaining "no net loss" of wetlands. DOE is represented on the Council.	Awaiting final revision of wetlands manual (see RU# 805-049.00).
805-047.00	WAPA's Energy Planning and Management Program	Proposed Program 56 FR 16093 4/19/91	WAPA proposes to establish an Energy Planning and Management Program to replace its Guidelines and Acceptance Criteria for the Conservation Renewable Energy Program.	Final action by 12/93.
805-048.00	Security Skills Training and Qualifications Standards for Protective Force Personnel 10 CFR 1046	NPRM 56 FR 21631 5/10/91 Regulatory Agenda 56 FR 51263 11/3/92	DOE proposes new requirements for access authorizations and security skills training and qualification for DOE contractor personnel responsible for protection of DOE facilities.	Final rule 5/93.
805-049.00	Federal Manual for Identifying and Delineating Jurisdictional Wetlands 33 CFR Ch.II 40 CFR Ch.I 50 CFR Ch.I and IV 7 CFR Ch.VI	NPRM 56 FR 40446 8/14/91	EPA, in cooperation with the Departments of Defense, Agriculture, and Interior, proposes revisions to the "Federal Manual for Identifying and Delineating Jurisdictional Wetlands."	Final rule after NAS completes its wetlands study by fall of 1993.

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REGULATORY UPDATE TABLE - JANUARY/FEBRUARY 1993

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
805-049.01	Wetland Identification and Delineation Rule 33 CFR 328 40 CFR 110 40 CFR 116 40 CFR 117 40 CFR 122 40 CFR 230 40 CFR 232 40 CFR 435 50 CFR Ch. I and IV 7 CFR 12	NPRM 56 FR 65964 12/19/91 Regulatory Agenda 57 FR 52060 11/3/92	EPA, COE and the Soil Conservation Service propose to incorporate portions of the Federal Manual for Delineating Jurisdictional Wetlands into the regulations governing the agencies' wetland protection programs. The provisions proposed reflect revisions to the manual proposed on 8/14/91, and the final rule will be consistent with the final manual. In addition, field data and other technical references are made available for review and comment.	Awaiting final revisions of wetlands manual (see RU# 805-049.00).
*805-049.02	Memorandum of Agreement Concerning the Determination of Geographic Jurisdiction of the Section 404 Program	Notice 58 FR 4995 1/19/93	EPA and the COE announce an amendment to a 1/19/89 Memorandum of Agreement concerning the geographic jurisdiction of the CWA Sect. 404 program and the applicability of the exemptions under Sect. 404(f). The amendment provides that, until further notice, EPA and COE will adhere to the 1987 COE Wetlands Delineation Manual.	Effective 1/4/93.
*805-051.00	Transition from Guidelines and Acceptance Criteria to Integrated Resource Planning	Notice 58 FR 3552 1/11/93	Under the Energy Policy Act of 1992, the Western Area Power Administration gives notice that, in order to facilitate the preparation of integrated resource plans by its long-term firm power customers, compliance with the Guidelines and Acceptance Criteria for Customer Conservation and Renewable Energy Programs will no longer be required.	Effective immediately.
*805-052.00	Research Needs Document on Electric and Magnetic Fields	NOA 58 FR 11409 2/25/93	EPA announces the availability of a document, "Electric and Magnetic Fields: An EPA Perspective on Research Needs and Priorities for Improving Health Risk Assessment" (EPA/600/1-91/016F), which describes and prioritizes research needs to reduce uncertainties in the risk assessment of EMF.	Obtain copies from ORD Publication Center, (513) 569-7562.
*805-053.00	Integrated Risk Information System (IRIS) - Review and Update	Notice; NOA 58 FR 11490 2/25/93	EPA (1) announces the availability of a background paper describing IRIS and its contents; (2) discusses an Agency activity to review IRIS processes, solicits comments on this activity, and highlights points in the current process where public input is encouraged; and (3) announces a new process for publication of a list of substances scheduled for IRIS work group review and the solicitation of data/comments on these substances. The list of substances scheduled for review for March 1 to December 31, 1993 is also provided.	Comments by 4/12/93. To obtain copy of IRIS background paper, call IRIS User Support, (513) 569-7254.

(a) NPRM = Notice of Proposed Rulemaking; ANPRM = Advanced Notice of Proposed Rulemaking; NOI = Notice of Intent; NOA = Notice of Availability.

* indicates a change in date of scheduled action or a new rulemaking development during the past month. Shaded RU# indicates item of special interest to EH-23.

IRIS DATABASE UPDATE

A DOE EH-231 Memorandum entitled *Integrated Risk Information System (IRIS) and Availability of Chemical Risk Assessment Guidance* was distributed in June 1991 to DOE Program Offices and Field Organizations. Attachment 1 to the memorandum, an ORNL-ESD report discussing access to and utilization of the *IRIS* online database, included "Table 1.

IRIS Chemicals With Reference Doses and Carcinogen Assessments." The *IRIS* database has been updated extensively since that table was generated. The following table is the bimonthly updated version of Table 1 including all the chemicals listed in Table 1 along with additions/changes to the database as of February 28, 1993. Additions/changes are those listed in the online *IRIS* database as accessed by our personnel through the National Library of Medicine. Changes in our table are shaded for ease of identification. Future issues of the *Environmental Regulatory Update Table* will include updates to the *IRIS* database during the previous two months. *Use only the most current version of the table.*

**IRIS CHEMICALS WITH REFERENCE DOSES AND/OR
CARCINOGEN ASSESSMENTS**

(Values current through February 28, 1993. Use only the most current version of this table.)

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
ACENAPHTHENE	000083-32-9	6E-2	--	--	--	--
ACENAPHTHYLENE	000208-96-8	--	--	D	--	--
ACEPHATE	030560-19-1	4E-3	--	C	8.7E-3	--
ACETALDEHYDE	000075-07-0	--	9E-3	B2	--	--
ACETONE	000067-64-1	1E-1	--	D	--	--
ACETONITRILE	000075-05-8	6E-3	--	--	--	--
ACETOPHENONE	000098-86-2	1E-1	--	D	--	--
ACETYL CHLORIDE	000075-36-5	--	--	D	--	--
ACROLEIN	000107-02-8	--	2E-5	C	--	--
ACRYLAMIDE	000079-06-1	2E-4	--	B2	4.5	--
ACRYLIC ACID	000079-10-7	0.08	3E-4	--	--	--
ACRYLONITRILE	000107-13-1	--	2E-3	B1	5.4E-1	--
ADIPONITRILE	000111-69-3	--	--	D	--	--
ALACHLOR	015972-60-8	1E-2	--	--	--	--
ALAR	001596-84-5	1.5E-1	--	--	--	--
ALDICARB	000116-06-3	2E-4	--	D	--	--
ALDRIN	000309-00-2	3E-5	--	B2	1.7E+1	--
ALLY	074223-64-6	2.5E-1	--	--	--	--
ALLYL ALCOHOL	000107-18-6	5E-3	--	--	--	--
ALLYL CHLORIDE	000107-05-1	--	1E-3	C	--	--
ALUMINUM PHOSPHIDE	020859-73-8	4E-4	--	--	--	--
AMDRO	067485-29-4	3E-4	--	--	--	--
AMETRYN	000834-12-8	9E-3	--	--	--	--
AMINOPYRIDINE, 4-	000504-24-5	--	--	D	--	--
AMITRAZ	033089-61-1	2.5E-3	--	--	--	--
AMMONIA	007664-41-7	--	1E-1	--	--	--
AMMONIUM ACETATE	000631-61-8	--	--	D	--	--
AMMONIUM METHACRYLATE	016325-47-6	--	--	D	--	--
AMMONIUM SULFAMATE	007773-06-0	2E-1	--	--	--	--
ANILINE	000062-53-3	--	1E-3	B2	5.7E-3	--
ANTHRACENE	000120-12-7	3E-1	--	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
ANTIMONY (METALLIC)	007440-36-0	4E-4	--	--	--	--
APOLLO	074115-24-5	1.3E-2	--	C	--	--
ARAMITE	000140-57-8	--	--	B2	2.5E-2	--
AROCOR 1016	012674-11-2	7E-5	--	--	--	--
ARSENIC, INORGANIC	007440-38-2	3E-4	--	A	--	--
ASBESTOS	001332-21-4	--	--	A	--	--
ASSURE	076578-14-8	9E-3	--	D	--	--
ASULAM	003337-71-1	5E-2	--	--	--	--
ATRAZINE	001912-24-9	--	--	--	--	--
AVERMECTIN B1	065195-55-3	4E-4	--	--	--	--
AZOBENZENE	000103-33-3	--	--	B2	1.1E-1	--
BARIUM	007440-39-3	7E-2	--	--	--	--
BAYGON	000114-26-1	4E-3	--	--	--	--
BAYLETON	043121-43-3	3E-2	--	--	--	--
BAYTHROID	068359-37-5	2.5E-2	--	--	--	--
BENEFIN	001861-40-1	3E-1	--	--	--	--
BENOMYL	017804-35-2	5E-2	--	--	--	--
BENTAZON	025057-89-0	2.5E-3	--	--	--	--
BENZ(A)ANTHRACENE	000056-55-3	--	--	B2	--	--
BENZALDEHYDE	000100-52-7	1E-1	--	--	--	--
BENZENE	000071-43-2	--	--	A	2.9E-2	--
BENZIDINE	000092-87-5	3E-3	--	A	2.3E+2	2.3E+2
BENZO(A)PYRENE	000050-32-8	--	--	B2	5.79E+0	--
BENZO(B)FLUORANTHENE	000205-99-2	--	--	--	--	--
BENZO(G,H,I)PERYLENE	000191-24-2	--	--	D	--	--
BENZOIC ACID	000065-85-0	4	--	D	--	--
BENZOTRICHLORIDE	000098-07-7	--	--	B2	1.3E+1	--
BENZO[K]FLUORANTHENE	000207-08-9	--	--	B2	--	--
BENZYL CHLORIDE	000100-44-7	--	--	B2	1.7E-1	--
BERYLLIUM	007440-41-7	5E-3	--	B2	4.3E-0	--
BIDRIN	000141-66-2	1E-4	--	--	--	--
BIPHENTHRIN	082657-04-3	1.5E-2	--	--	--	--
BIPHENYL, 1,1'-	000092-52-4	5E-2	--	D	--	--
BIS(2-CHLOROISOPROPYL) ETHER	039638-32-9	4E-2	--	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
BIS(2-ETHYLHEXYL)PHTHALATE	000117-81-7	2E-2	--	B2	1.4E-2	--
BIS(CHLOROETHYL) ETHER	000111-44-4	--	--	B2	1.1E+0	--
BIS(CHLOROMETHYL) ETHER	000542-88-1	--	--	A	2.2E+2	--
BISPHENOL A	000080-05-7	5E-2	--	--	--	--
BORON (BORON AND BORATES ONLY)	007440-42-8	9E-2	--	--	--	--
BROMINATED DIBENZOFURANS	NO CASRN	--	--	D	--	--
BROMOCHLOROMETHANE	000074-97-5	--	--	D	--	--
BROMODICHLOROMETHANE	000075-27-4	2E-2	--	B2	6.2E-2	--
BROMODIPHENYL ETHER, P-	000101-55-3	--	--	D	--	--
BROMOFORM	000075-25-2	2E-2	--	B2	7.9E-3	--
BROMOMETHANE	000074-83-9	1.4E-3	5E-3	D	--	--
BROMOTRICHLOROMETHANE	000075-62-7	--	--	D	--	--
BROMOXYNIL OCTANOATE	001689-99-2	2E-2	--	--	--	--
BROMOXYNIL	001689-84-5	2E-2	--	--	--	--
BUTADIENE, 1,3-	000106-99-0	--	--	B2	--	--
BUTANOL, 1-	000071-36-3	1E-1	--	D	--	--
BUTYL BENZYL PHTHALATE, N-	000085-68-7	2E-1	--	C	--	--
BUTYLATE	002008-41-5	5E-2	--	--	--	--
BUTYLPHTHALYL BUTYGLYCOLATE	000085-70-1	1E+0	--	--	--	--
CACODYLIC ACID	000075-60-5			D		
CADMIUM	007440-43-9	5E-4	--	B1	--	--
CALCIUM CYANIDE	000592-01-8	4E-2	--	--	--	--
CAPROLACTAM	000105-60-2	5E-1	--	--	--	--
CAPTAFOL	002425-06-1	2E-3	--	--	--	--
CAPTAN	000133-06-2	1.3E-1	--	--	--	--
CARBARYL	000063-25-2	1E-1	--	--	--	--
CARBOFURAN	001563-66-2	5E-3	--	--	--	--
CARBON DISULFIDE	000075-15-0	1E-1	--	--	--	--
CARBON TETRACHLORIDE	000056-23-5	7E-4	--	B2	1.3E-1	--
CARBOSULFAN	055285-14-8	1E-2	--	--	--	--
CARBOXIN	005234-68-4	1E-1	--	--	--	--
CHLORAL	000075-87-6	2E-3	--	--	--	--
CHLORAMBEN	000133-90-4	1.5E-2	--	--	--	--
CHLORANILINE, P-	000106-47-8	4E-3	--	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
CHLORDANE	000057-74-9	6E-5	--	B2	1.3E+0	--
CHLORIMURON-ETHYL	090982-32-4	2E-2	--	--	--	--
CHLORINE CYANIDE (CYANOGEN CHLORIDE)	000506-77-4	5E-2	--	--	--	--
CHLORINE DIOXIDE	010049-04-4	--	2E-4	--	--	--
CHLORO-2-METHYL PROPANE, 2- (T-BUTYLCHLORIDE)	000507-20-0	--	--	D	--	--
CHLOROACETOPHENONE, 2-	000532-27-4	--	3E-5	--	--	--
CHLOROBENZENE	000108-90-7	2E-2	--	D	--	--
CHLOROBENZILATE	000510-15-6	2E-2	--	--	--	--
CHLOROBUTANE, 1-	000109-69-3	--	--	D	--	--
CHLOROBUTANE, 2-	000078-86-4	--	--	D	--	--
CHLOROCYCLOPENTADIENE	041851-50-7	--	--	D	--	--
CHLOROETHOXY)METHANE, BIS(2-	000111-91-1	--	--	D	--	--
CHLOROFORM	000067-66-3	1E-2	--	B2	6.1E-3	--
CHLOROMETHYL METHYL ETHER	000107-30-2	--	--	A	--	--
CHLORONAPHTHALENE, BETA-	000091-58-7	8E-2	--	--	--	--
CHLOROPHENOL, 2-	000095-57-8	5E-3	--	--	--	--
CHLOROTOLUENE, 0-	000095-49-8	2E-2	--	--	--	--
CHLORPROPHAM	000101-21-3	2E-1	--	--	--	--
CHLORPYRIFOS	002921-88-2	3E-3	--	--	--	--
CHLORSULFURON	064902-72-3	5E-2	--	--	--	--
CHLOROTHALONIL	001897-45-5	1.5E-2	--	--	--	--
CHROMIUM(III)	016065-83-1	1E+0	--	--	--	--
CHROMIUM(VI)	018540-29-9	5E-3	--	A	--	--
CHRYSENE	000218-01-9	--	--	B2	--	--
COAL TAR (COKE OVEN EMISSIONS)	008007-45-2	--	--	A	--	--
COPPER	007440-50-8	--	--	D	--	--
COPPER CYANIDE	000544-92-3	5E-3	--	--	--	--
CREOSOTE, COAL TAR	008001-58-9	--	--	B1	--	--
CROTONALDEHYDE	000123-73-9	--	--	C	--	--
CYROMAZINE	066215-27-8	7.5E-3	--	--	--	--
CUMENE	000098-82-8	4E-2	--	--	--	--
CYANAZINE	021725-46-2	2E-3	--	--	--	--
CYANIDE (CN-)	000057-12-5	2E-2	--	D	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
CYANOGEN	000460-19-5	4E-2	--	--	--	--
CYANOGEN BROMIDE	000506-68-3	9E-2	--	--	--	--
CYANOGEN CHLORIDE (CHLORINE CYANIDE)	000506-77-4	5E-2	--	--	--	--
CYCLOHEXANONE	000108-94-1	5E+0	--	--	--	--
CYCLOHEXYLAMINE	000108-91-8	2E-1	--	--	--	--
CYHALOTHHRIN/KARATE	068085-85-8	5E-3	--	--	--	--
CYPERMETHRIN	052315-07-8	1E-2	--	--	--	--
DALAPON, SODIUM SALT	000075-99-0	3E-2	--	--	--	--
DDD	000072-54-8	--	--	B2	2.4E-1	--
DDE	000072-55-9	--	--	B2	3.4E-1	--
DDT (DICHLORODIPHENYL- TRICHLOROETHANE, P,P'-)	000050-29-3	5E-4	--	B2	3.4E-1	--
DECABROMODIPHENYL ETHER	001163-19-5	1E-2	--	C	--	--
DEMETON	008065-48-3	4E-5	--	--	--	--
DI-(2-ETHYLHEXYL)ADIPATE	000103-23-1	--	--	C	1.2E-3	--
DIBENZ(A,H)ANTHRACENE	000053-70-3	--	--	B2	--	--
DIBENZOFURAN	000132-64-9	--	--	D	--	--
DIBROMOBENZENE, 1,4-	000106-37-6	1E-2	--	--	--	--
DIBROMOCHLOROMETHANE	000124-48-1	2E-2	--	C	8.4E-2	--
DIBROMODICHLOROMETHANE	000594-18-3	--	--	D	--	--
DIBROMO-3-CHLOROPROPANE, 1,2-	000096-12-8	--	2E-4	--	--	--
DIBROMODIPHENYL ETHER, P, P'-	002050-47-7	--	--	D	--	--
DIBROMOETHANE, 1,2-	000106-93-4	--	--	B2	8.5E+1	--
DIBUTYL PHTHALATE	000084-74-2	1E-1	--	D	--	--
DICAMBA	001918-00-9	3E-2	--	--	--	--
DICHLOROBENZENE, 1,2-	000095-50-1	9E-2	--	D	--	--
DICHLOROBENZENE, 1,3-	000541-73-1	--	--	D	--	--
DICHLOROBENZIDINE, 3,3'-	000091-94-1	--	--	B2	4.5E-1	--
DICHLORODIFLUOROMETHANE	000075-71-8	2E-1	--	--	--	--
DICHLOROETHANE, 1,1-	000075-34-3	--	--	C	--	--
DICHLOROETHANE, 1,2-	000107-06-2	--	--	B2	9.1E-2	--
DICHLOROETHYLENE, CIS-1,2,-	000156-59-2	--	--	D	--	--
DICHLOROETHYLENE, 1,2-T-	000156-60-5	2E-2	--	--	--	--
DICHLOROETHYLENE, 1,1-	000075-35-4	9E-3	--	C	6E-1	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
DICHLOROMETHANE (METHYLENE CHLORIDE)	000075-09-2	6E-2	--	B2	7.5E-3	--
DICHLOROPHENOL, 2,4-	000120-83-2	3E-3	--	--	--	--
DICHLOROPHENOXYACETIC ACID, 2,4-	000094-75-7	1E-2	--	--	--	--
DICHLOROPHENOXY)BUTYRIC ACID, 4-(2,4-	000094-82-6	8E-3	--	--	--	--
DICHLOROPROPANE, 1,2-	000078-87-5	--	4E-3	--	--	--
DICHLOROPROPANOL, 2,3-	000616-23-9	3E-3	--	--	--	--
DICHLOROPROPENE, 1,3-	000542-75-6	3E-4	2E-2	B2	--	--
DICHLORVOS	000062-73-7	8E-4	--	B2	2.9E-1	--
DIELDRIN	000060-57-1	5E-5	--	B2	1.6E+1	--
DIETHYL-P-NITROPHENYL PHOSPHATE	000311-45-5			D		
DIETHYL PHTHALATE	000084-66-2	8E-1	--	D	--	--
DIETHYLENE GLYCOL DINITRATE	000693-21-0			D		
DIFENZOQUAT	043222-48-6	8E-2	--	--	--	--
DIFLUBENZURON	035367-38-5	2E-2	--	--	--	--
DIISOPROYL METHYLPHOSPHONATE	001445-75-6	8E-2	--	D	--	--
DIMETHIPIN	055290-64-7	2E-2	--	C	--	--
DIMETHOATE	000060-51-5	2E-4	--	--	--	--
DIMETHYLANILINE, N,N-	000121-69-7	2E-3	--	--	--	--
DIMETHYLFORMAMIDE	000068-12-2	--	3E-2	--	--	--
DIMETHYLPHENOL, 2,6-	000576-26-1	6E-4	--	--	--	--
DIMETHYLPHENOL, 2,4-	000105-67-9	2E-2	--	--	--	--
DIMETHYLPHENOL, 3,4-	000095-65-8	1E-3	--	--	--	--
DIMETHYLPHTHALATE	000131-11-3	--	--	D	--	--
DIMETHYL SULFATE	000077-78-1	--	--	B2	--	--
DIMETHYLTEREPHTHALATE	000120-61-6	1E-1	--	--	--	--
DINITRO-O-CYCLOHEXYL PHENOL, 4,6-	000131-89-5	2E-3	--	--	--	--
DINITROBENZENE, 1,3-	000099-65-0	1E-4	--	D	--	--
O-DINITROBENZENE	000528-29-0			D		
DINITROPHENOL, 2,4-	000051-28-5	2E-3	--	--	--	--
DINITROTOLUENE, 2,4-	000121-14-2	2E-3	--	--	--	--
DINITROTOLUENE MIXTURE	NO CASRN	--	--	B2	--	--
DINOSEB	000088-85-7	1E-3	--	D	--	--
DIOXANE, 1,4-	000123-91-1	--	--	B2	1.1E-2	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
DIPHENAMID	000957-51-7	3E-2	--	--	--	--
DIPHENYLAMINE	000122-39-4	2.5E-2	--	--	--	--
DIPHENYLHYDRAZINE, 1,2-	000122-66-7	--	--	B2	8.0E-1	--
DIQUAT	000085-00-7	2.2E-3	--	--	--	--
DISULFOTON	000298-04-4	4E-5	--	--	--	--
DITHIANE, 1,4-	000505-29-3	--	--	D	--	--
DIURON	000330-54-1	2E-3	--	--	--	--
DODINE	002439-10-3	4E-3	--	--	--	--
ENDOSULFAN	000115-29-7	--	--	--	--	--
ENDOTHALL	000145-73-3	2E-2	--	--	--	--
ENDRIN	000072-20-8	3E-4	--	D	--	--
EPICHLOROHYDRIN	000106-89-8	2E-3	1E-3	B2	9.9E-3	--
EPOXYBUTANE, 1,2 (EBU)	000106-88-7	2E-2	--	--	--	--
EPTC	000759-94-4	2.5E-2	--	--	--	--
ETHEPHON	016672-87-0	5E-3	--	--	--	--
ETHION	000563-12-2	5E-4	--	--	--	--
ETHOXYETHANOL, 2-	000110-80-5	--	2E-1	--	--	--
ETHYL-P-NITROPHENYL PHOSPHONATE THIONOBENZENE (EPN)	002104-64-5	1E-5	--	--	--	--
ETHYL ETHER	000060-29-7	2E-1	--	--	--	--
ETHYL CHLORIDE	000075-00-3	--	1E+1	--	--	--
ETHYL ACETATE	000141-78-6	9E-1	--	--	--	--
ETHYLBENZENE	000100-41-4	1E-1	1E+0	D	--	--
ETHYLENE THIOUREA	000096-45-7	8E-5	--	--	--	--
ETHYLENE GLYCOL	000107-21-1	2E+0	--	--	--	--
ETHYLPHTHALYL ETHYL GLYCOLATE	000084-72-0	3E+0	--	--	--	--
EXPRESS	101200-48-0	8E-3	--	--	--	--
FENAMIPHOS	022224-92-6	2.5E-4	--	--	--	--
FENPROPATHRIN (DANITOL)	039515-41-8	5E-4	--	--	--	--
FLUOMETURON	002164-17-2	1.3E-2	--	--	--	--
FLUORANTHENE	000206-44-0	4E-2	--	D	--	--
FLUORENE	000086-73-7	4E-2	--	D	--	--
FLUORINE	007782-41-4	6E-2	--	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
FLURIDONE	059756-60-4	8E-2	--	--	--	--
FLURPRIMIDOL	056425-91-3	2E-2	--	--	--	--
FLUTOLANIL	066332-96-5	6E-2	--	--	--	--
FLUVALINATE	069409-94-5	1E-2	--	--	--	--
FOLPET	000133-07-3	1E-1	--	B2	3.5E-3	--
FOMESAFEN	072178-02-0	--	--	C	--	--
FONOFOS	000944-22-9	2E-3	--	--	--	--
FORMALDEHYDE	000050-00-0	2E-1	--	B1	--	--
FORMIC ACID	000064-18-6	--	--	--	--	--
FOSETYL-AL	039148-24-8	3E+0	--	C	--	--
FURAN	000110-00-9	1E-3	--	--	--	--
FURFURAL	000098-01-1	3E-3	--	--	--	--
FURMECYCLOX	060568-05-0	--	--	B2	3.0E-2	--
GLUFOSINATE-AMMONIUM	077182-82-2	4E-4	--	--	--	--
GLYCIDALDEHYDE	000765-34-4	4E-4	--	B2	--	--
GLYPHOSATE	001071-83-6	1E-1	--	D	--	--
GOAL (OXYFLUORFEN)	042874-03-3	3E-3	--	--	--	--
HALOXYFOP-METHYL	069806-40-2	5E-5	--	--	--	--
HARMONY	079277-27-3	1.3E-2	--	--	--	--
HEPTACHLOR	000076-44-8	5E-4	--	B2	4.5E+0	--
HEPTACHLOR EPOXIDE	001024-57-3	1.3E-5	--	B2	9.1E+0	--
HEXABROMOBENZENE	000087-82-1	2E-3	--	--	--	--
HEXABROMODIPHENYL ETHER	036483-60-0	--	--	D	--	--
HEXACHLOROBENZENE	000118-74-1	8E-4	--	B2	1.6	--
HEXACHLOROBUTADIENE	000087-68-3	2E-3	--	C	7.8E-2	--
HEXACHLOROCYCLOHEXANE, ALPHA-	000319-84-6	--	--	B2	6.3E+0	--
HEXACHLOROCYCLOHEXANE, BETA	000319-85-7	--	--	C	1.8E+0	--
HEXACHLOROCYCLOHEXANE, GAMMA-	000058-89-9	3E-4	--	--	--	--
HEXACHLOROCYCLOHEXANE, EPSILON-	006108-10-7	--	--	D	--	--
HEXACHLOROCYCLOHEXANE, DELTA-	000319-86-8	--	--	D	--	--
HEXACHLOROCYCLOHEXANE, TECHNICAL-	000608-73-1	--	--	B2	1.8E+0	--
HEXACHLOROCYCLOPENTADIENE	000077-47-4	7E-3	--	D	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
HEXACHLORODIBENZO-P-DIOXIN MIXTURE	019408-74-3	--	--	B2	6.2E+3	--
HEXACHLOROETHANE	000067-72-1	1E-3	--	C	1.4E-2	--
HEXACHLOROPHENE	000070-30-4	3E-4	--	--	--	--
HEXAHYDRO-1,3,5-TRINITRO-1,3,5- TRIAZINE	000121-82-4	3E-3	--	C	1.1E-1	--
HEXANE, N	000110-54-3	--	2E-1	--	--	--
HEXAZINONE	051235-04-2	3.3E-2	--	--	--	--
HYDRAZINE	000302-01-2	--	--	B2	3.0	--
HYDROGEN CYANIDE	000074-90-8	2E-2	--	--	--	--
HYDROGEN CHLORIDE	007647-01-0	--	7E-3	--	--	--
HYDROGEN SULFIDE	007783-06-4	3E-3	9E-4	--	--	--
IMAZALIL	035554-44-0	1.3E-2	--	--	--	--
IMAZAQUIN	081335-37-7	2.5E-1	--	--	--	--
INDENO(1,2,3-CD)PYRENE	000193-39-5	--	--	B2	--	--
IPRODIONE	036734-19-7	4E-2	--	--	--	--
ISOBUTYL ALCOHOL	000078-83-1	3E-1	--	--	--	--
ISOPHORONE	000078-59-1	2E-1	--	C	9.5E-4	--
ISOPROPALIN	033820-53-0	1.5E-2	--	--	--	--
ISOPROPYL METHYL PHOSPHONIC ACID	001832-54-8	1E-1	--	D	--	--
ISOXABEN	082558-50-7	5E-2	--	C	--	--
KARATE (CYHALOTHIN)	091465-08-6	5E-3	--	--	--	--
KERB (PRONAMIDE)	023950-58-5	7.5E-2	--	--	--	--
LACTOFEN	077501-63-4	2E-3	--	--	--	--
LEAD	007439-92-1	--	--	B2	--	--
LINURON	000330-55-2	2E-3	--	C	--	--
LONDAX	083055-99-6	2E-1	--	--	--	--
MALATHION	000121-75-5	2E-2	--	--	--	--
MALEIC ANHYDRIDE	000108-31-6	1E-1	--	--	--	--
MALEIC HYDRAZIDE	000123-33-1	5E-1	--	--	--	--
MANEB	012427-38-2	5E-3	--	--	--	--
MANGANESE	007439-96-3	--	5E-3	D	--	--
MCPA	000094-74-6	5E-4	--	--	--	--
MCPB	000094-81-5	1E-2	--	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
MCCP	000093-65-2	1E-3	--	--	--	--
MEPIQUAT CHLORIDE	024307-26-4	3E-2	--	--	--	--
MERCURY, INORGANIC	007439-97-6	--	--	D	--	--
MERPHOS	000150-50-5	3E-5	--	--	--	--
MERPHOS OXIDE	000078-48-8	3E-5	--	--	--	--
METALAXYL	057837-19-1	6E-2	--	--	--	--
METHACRYLONITRILE	000126-98-7	1E-4	--	--	--	--
METHAMIDOPHOS	010265-92-6	5E-5	--	--	--	--
METHANOL	000067-56-1	5E-1	--	--	--	--
METHIDATHION	000950-37-8	1E-3	--	C	--	--
METHOMYL	016752-77-5	2.5E-2	--	--	--	--
METHOXYCHLOR	000072-43-5	5E-3	--	D	--	--
METHOXYETHANOL, 2-	000109-86-4	--	2E-2	--	--	--
METHYL ACRYLATE	000096-33-3	--	--	D	--	--
METHYL ETHYL KETONE	000078-93-3	1E-0	--	D	--	--
METHYL ISOBUTYL KETONE	000108-10-1	--	--	--	--	--
METHYL MERCURY	022967-92-6	3E-4	--	--	--	--
METHYL PARATHION	000298-00-0	2.5E-4	--	--	--	--
METHYL TERT-BUTYL ETHER	001634-04-4	--	5E-1	--	--	--
METHYLPHENOL, 2- (O-CRESOL)	000095-48-7	5E-2	--	C	--	--
METHYLPHENOL, 3- (M-CRESOL)	000108-39-4	5E-2	--	C	--	--
METHYLPHENOL, 4- (P-CRESOL)	000106-44-5	--	--	C	--	--
METHYLENE CHLORIDE (DICHLOROMETHANE)	000075-09-2	6E-2	--	B2	7.5E-3	--
METHYLENE-BIS(N,N-DIMETHYL) ANILINE, 4,4'-	000101-61-1	--	--	B2	4.6E-2	--
METOACHLOR	051218-45-2	1.5E-1	--	C	--	--
METRIBUZIN	021087-64-9	2.5E-2	--	--	--	--
MIREX	002385-85-5	2E-4	--	--	--	--
MOLINATE	002212-67-1	2E-3	--	--	--	--
MONOCHLORAMINE	010599-90-3	1E-1				
MOLYBDENUM	007439-98-7	5E-3				
NALED	000300-76-5	2E-3	--	--	--	--
NAPHTHALENE	000091-20-3	--	--	D	--	--
NAPROPAMIDE	015299-99-7	1E-1	--	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
NICKEL CARBONYL	013463-39-3	--	--	B2	--	--
NICKEL SUBSULFIDE	012035-72-2	--	--	A	--	--
NICKEL (SOLUBLE SALTS)	007440-02-0	2E-2	--	--	--	--
NICKEL REFINERY DUST	NO CASRN	--	--	A	--	--
NITAPYRIN	001929-82-4	1.5E-3	--	--	--	--
NITRATE	014797-55-8	1.6E+0	--	--	--	--
NITRIC OXIDE	010102-43-9	1E-1	--	--	--	--
NITRITE	014797-65-0	1E-1	--	--	--	--
NITROBENZENE	000098-95-3	5E-4	--	D	--	--
NITROGEN DIOXIDE	010102-44-0	1E+0	--	--	--	--
NITROGUANIDINE	000556-88-7	1E-1	--	D	--	--
NITROPROPANE, 2-	000079-46-9	--	2E-2	--	--	--
NITROSO-DI-N-PROPYLAMINE, N-	000621-64-7	--	--	B2	7.0	--
NITROSO-DI-N-BUTYLAMINE, N-	000924-16-3	--	--	B2	5.4E+0	--
NITROSODIETHANOLAMINE, N-	001116-54-7	--	--	B2	2.8E+0	--
NITROSODIETHYLAMINE, N-	000055-18-5	--	--	B2	1.50E+2	--
NITROSODIMETHYLAMINE, N-	000062-75-9	--	--	B2	5.1E+1	--
NITROSODIPHENYLAMINE, N-	000086-30-6	--	--	B2	4.9E-3	--
NITROSOMETHYLETHYLAMINE, N-	010595-95-6	--	--	B2	2.2E+1	--
NITROSOPYRROLIDINE, N-	000930-55-2	--	--	B2	2.1	--
NONABROMODIPHENYL ETHER	063936-56-1	--	--	D	--	--
NORFLURAZON	027314-13-2	4E-2	--	--	--	--
NUSTAR	085509-19-9	7E-4	--	--	--	--
OCTABROMODIPHENYL ETHER	032536-52-0	3E-3	--	D	--	--
OCTAHYDRO-1,3,5,7-TETRANITRO- 1,3,5,7-TETRAZOCINE	002691-41-0	5E-2	--	D	--	--
ORYZALIN	019044-88-3	5E-2	--	C	--	--
OXADIAZON	019666-30-9	5E-3	--	--	--	--
OXAMYL	023135-22-0	2.5E-2	--	--	--	--
PACLOBUTRAZOL	076738-62-0	1.3E-2	--	--	--	--
PARAQUAT	001910-42-5	4.5E-3	--	C	--	--
PARATHION	000056-38-2	--	--	C	--	--
P-CHLOROPHENYL METHYL SULFIDE	000123-09-1			D		
P-CHLOROPHENYL METHYL SULFONE	000098-57-7			D		

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
PENDIMETHALIN	040487-42-1	4E-2	--	--	--	--
PENTABROMODIPHENYL ETHER	032534-81-9	2E-3	--	D	--	--
PENTACHLOROBENZENE	000608-93-5	8E-4	--	--	--	--
PENTACHLOROCYCLOPENTADIENE	025329-35-5	--	--	D	--	--
PENTACHLORONITROBENZENE	000082-68-8	3E-3	--	--	--	--
PENTACHLOROPHENOL	000087-86-5	3E-2	--	B2	1.2E-1	--
PERMETHRIN	052645-53-1	5E-2	--	--	--	--
PHENANTHRENE	000085-01-8	--	--	D	--	--
PHENMEDIPHAM	013684-63-4	2.5E-1	--	--	--	--
PHENOL	000108-95-2	6E-1	--	D	--	--
PHENYLENEDIAMINE, M-	000108-45-2	6E-3	--	--	--	--
PHENYLMERCURIC ACETATE	000062-38-4	8E-5	--	--	--	--
PHOSMET	000732-11-6	2E-2	--	--	--	--
PHOSPHINE	007803-51-2	3E-4	--	D	--	--
PHTHALIC ANHYDRIDE	000085-44-9	2E+0	--	--	--	--
PICLORAM	001918-02-1	7E-2	--	--	--	--
PIRIMIPHOS-METHYL	029232-93-7	1E-2	--	--	--	--
POLYCHLORINATED BIPHENYLS	001336-36-3	--	--	B2	7.7	--
POTASSIUM CYANIDE	000151-50-8	5E-2	--	--	--	--
POTASSIUM SILVER CYANIDE	000506-61-6	2E-1	--	--	--	--
PROCHLORAZ	067747-09-5	9E-3	--	C	1.5E-1	--
PROMETON	001610-18-0	1.5E-2	--	--	--	--
PROMETRYN	007287-19-6	4E-3	--	--	--	--
PRONAMIDE (KERB)	023950-58-5	7.5E-2	--	--	--	--
PROPACHLOR	001918-16-7	1.3E-2	--	--	--	--
PROPANIL	000709-98-8	5E-3	--	--	--	--
PROPARGITE	002312-35-8	2E-2	--	--	--	--
PROPARGYL ALCOHOL	000107-19-7	2E-3	--	--	--	--
PROPAZINE	000139-40-2	2E-2	--	--	--	--
PROPHAM	000122-42-9	2E-2	--	--	--	--
PROPICONAZOLE	060207-90-1	1.3E-2	--	--	--	--
PROPIONIC ACID, 2(2,4,5- TRICHLOROPHENOXY)-	000093-72-1	8E-3	--	D	--	--
PROPYLENE GLYCOL MONOMETHYL ETHER	000107-98-2	--	2	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ¹	INHAL SLOPE FACTOR (mg/kg/day) ¹
PROPYLENE OXIDE	000075-56-9	--	3E-2	B2	2.4E-1	--
PURSUIT	081335-77-5	2.5E-1	--	--	--	--
PYDRIN	051630-58-1	2.5E-2	--	--	--	--
PYRENE	000129-00-0	3E-2	--	D	--	--
PYRIDINE	000110-86-1	1E-3	--	--	--	--
QUINALPHOS	013593-03-8	5E-4	--	--	--	--
RALLY (SYSTHANE)	088671-89-0	2.5E-2	--	--	--	--
REFRACTORY CERAMIC FIBERS	UNKNOWN			B2		
RESMETHRIN	010453-86-8	3E-2	--	--	--	--
ROTENONE	000083-79-4	4E-3	--	--	--	--
SAVEY	078587-05-0	2.5E-2	--	--	--	--
SELENIOS ACID	007783-00-8	5E-3	--	D	--	--
SELENIUM AND COMPOUNDS	007782-49-2	5E-3	--	D	--	--
SELENIUM SULFIDE	007446-34-6	--	--	B2	--	--
SETHOXYDIM	074051-80-2	9E-2	--	--	--	--
SILVER	007440-22-4	5E-3	--	D	--	--
SILVER CYANIDE	000506-64-9	1E-1	--	--	--	--
SODIUM DIETHYLDITHIOCARBAMATE	000148-18-5	3E-2	--	--	--	--
SODIUM FLUOROACETATE	000062-74-8	2E-5	--	--	--	--
SODIUM CYANIDE	000143-33-9	4E-2	--	--	--	--
SODIUM AZIDE	026628-22-8	4E-3	--	--	--	--
SODIUM ACIFLUORFEN	062476-59-9	1.3E-2	--	--	--	--
STIROFOS (TETRACHLORVINPHOS)	000961-11-5	3E-2	--	--	--	--
STRONTIUM	007440-24-6	6E-1				
STRYCHNINE	000057-24-9	3E-4	--	--	--	--
STYRENE	000100-42-5	2E-1	--	--	--	--
TEBUTHIURON	034014-18-1	5E-2	--	--	--	--
TERBACIL	005902-51-2	1.3E-2	--	--	--	--
TERBUTRYN	000886-50-0	1E-3	--	--	--	--
TETRABROMODIPHENYL OXIDE	040088-47-9	--	--	D	--	--
TETRACHLOROBENZENE, 1,2,4,5-	000095-94-3	3E-4	--	B2	1.6	--
TETRACHLOROCYCLOPENTADIENE	000695-77-2	--	--	D	--	--
TETRACHLOROETHANE, 1,1,1,2-	000630-20-6	3E-2	--	C	2.6E-2	--
TETRACHLOROETHANE, 1,1,2,2-	000079-34-5	--	--	C	2.0E-1	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
TETRACHLOROETHYLENE, 1,1,2,2-	000127-18-4	1E-2	--	--	--	--
TETRACHLOROPHENOL, 2,3,4,6-	000058-90-2	3E-2	--	--	--	--
TETRACHLOROTEREPHTHALIC ACID, 2,3,5,6-, DIMETHYL ESTER (DACTHAL)	001861-32-1	5E-1	--	--	--	--
TETRAETHYL LEAD	000078-00-2	1E-7	--	--	--	--
TETRAETHYLDITHIOPYROPHOSPHATE	003689-24-5	5E-4	--	--	--	--
THALLIC OXIDE	001314-32-5	--	--	D	--	--
THALLIUM (I) ACETATE	000563-68-8	9E-5	--	D	--	--
THALLIUM (I) CARBONATE	006533-73-9	8E-5	--	D	--	--
THALLIUM (I) CHLORIDE	007791-12-0	8E-5	--	D	--	--
THALLIUM (I) NITRATE	010102-45-1	9E-5	--	D	--	--
THALLIUM SELENITE	012039-52-0	9E-5	--	D	--	--
THALLIUM SULFATE	007446-18-6	8E-5	--	D	--	--
THIOBENCARB	028249-77-6	1E-2	--	--	--	--
THIOPHANATE-METHYL	023564-05-8	8E-2	--	--	--	--
THIRAM	000137-26-8	5E-3	--	--	--	--
TOLUENE	000108-88-3	2E-1	4E-1	D	--	--
TOXAPHENE	008001-35-2	--	--	B2	1.1	--
TRALOMETHRIN	066841-25-6	7.5E-3	--	--	--	--
TRIALATE	002303-17-5	1.3E-2	--	--	--	--
TRIASULFURON	082097-50-5	1E-2	--	--	--	--
TRIBROMOBENZENE, 1,2,4-	000615-54-3	5E-3	--	--	--	--
TRIBROMOCHLOROMETHANE	000594-15-0	--	--	D	--	--
TRIBROMODIPHENYL ETHER	049690-94-0	--	--	D	--	--
TRIBUTYLTIN OXIDE	000056-35-9	3E-5	--	--	--	--
TRICHLORO-1,2,2- TRIFLUOROETHANE,1,1,2-	000076-13-1	3E+1	--	--	--	--
TRICHLOROBENZENE, 1,2,4-	000120-82-1	1E-2	--	D	--	--
TRICHLOROCYCLOPENTADIENE	077323-84-3	--	--	D	--	--
TRICHLOROETHANE, 1,1,1-	000071-55-6	--	--	D	--	--
TRICHLOROETHANE, 1,1,2-	000079-00-5	4E-3	--	C	5.7E-2	--
TRICHLOROETHYLENE	000079-01-6	--	--	--	--	--
TRICHLOROFLUOROMETHANE	000075-69-4	3E-1	--	--	--	--
TRICHLOROPHENOL, 2,4,5-	000095-95-4	1E-1	--	--	--	--
TRICHLOROPHENOL, 2,4,6-	000088-06-2	--	--	B2	1.1E-2	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
TRICHLOROPHENOXYACETIC ACID, 2,4,5-	000093-76-5	1E-2	--	--	--	--
TRICHLOROPROPANE, 1,1,2-	000598-77-6	5E-3	--	--	--	--
TRICHLOROPROPANE, 1,2,3-	000096-18-4	6E-3	--	--	--	--
TRIDIPHANE	058138-08-2	3E-3	--	--	--	--
TRIETHYLAMINE	000121-44-8	--	7E-3	--	--	--
TRIFLURALIN	001582-09-8	7.5E-3	--	C	7.7E-3	--
TRINITROBENZENE, 1,3,5-	000099-35-4	5E-5	--	--	--	--
TRINITROTOLUENE, 2,4,6-	000118-96-7	5E-4	--	C	3.0E-2	--
URANIUM (SOLUBLE SALTS)	NO CASRN	3E-3	--	--	--	--
VANADIUM PENTOXIDE	001314-62-1	9E-3	--	--	--	--
VERNOLATE	001929-77-7	1E-3	--	--	--	--
VENCLOZOLIN	050471-44-8	2.5E-2	--	--	--	--
VINYL ACETATE	000108-05-4	--	2E-1	--	--	--
WARFARIN	000081-81-2	3E-4	--	--	--	--
WHITE PHOSPHORUS	007723-14-0	2E-5	--	D	--	--
XYLENE, MIXTURE	001330-20-7	2E+0	--	D	--	--
ZINC AND COMPOUNDS	007440-66-6	3E-1	--	D	--	--
ZINC CYANIDE	000557-21-1	5E-2	--	--	--	--
ZINC PHOSPHIDE	001314-84-7	3E-4	--	--	--	--
ZINEB	012122-67-7	5E-2	--	--	--	--

EPA CARCINOGENICITY GROUPS

A = HUMAN CARCINOGEN

B1 = PROBABLE HUMAN CARCINOGEN

Limited evidence in human studies

B2 = PROBABLE HUMAN CARCINOGEN

Sufficient evidence from animal studies, inadequate evidence or no data from human studies

C = POSSIBLE HUMAN CARCINOGEN

D = NOT CLASSIFIABLE AS TO HUMAN CARCINOGENICITY

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