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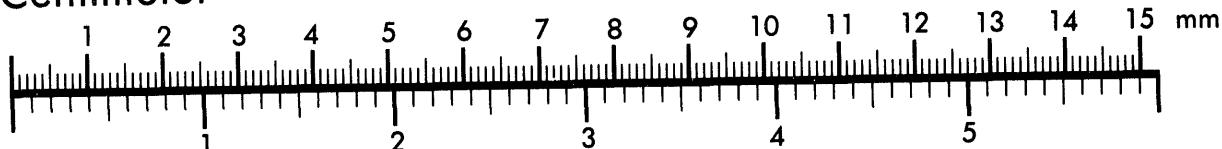
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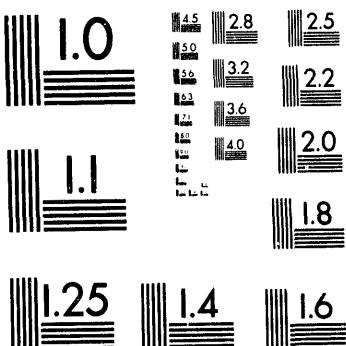
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ENVIRONMENTAL SCIENCES DIVISION

ENVIRONMENTAL REGULATORY UPDATE TABLE

MAY/JUNE 1994

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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

MAY/JUNE 1994

REGULATORY UPDATE TABLE - MAY/JUNE 1994 UPDATE

Table of Contents

	Page
Regulatory Highlights	xiii
Regulatory Update Table	1
Resource Conservation and Recovery Act (RCRA) (RU # 840---)*	1
Comprehensive Environmental Response, Compensation, and	
Liability Act (CERCLA) (RU # 180---)	13
Superfund Amendments and Reauthorization Act (SARA) (RU # 190---)	18
Pollution Prevention Act (PPA) (RU # 195---)	20
Safe Drinking Water Act (SDWA) (RU # 880---)	21
Clean Water Act (CWA) (RU # 140---)	24
Oil Pollution Act of 1990 (RU # 145---)	29
Clean Air Act (RU # 120---)	31
Nuclear Waste Policy Act (RU # 700---)	45
Low-Level Radioactive Waste (LLW) Policy Amendments Act (RU # 740---)	47
Atomic Energy Act (RU # 100---)	48
Uranium Mill Tailings Radiation Control Act (RU # 930---)	57
Toxic Substances Control Act (TSCA) (RU # 920---)	58
Hazardous Materials Transportation Act (RU # 400---)	61
Occupational Safety and Health Act (OSHA) (RU # 780---)	69
Endangered Species Act (RU # 200---)	75
Marine Protection Research and Sanctuaries Act (RU # 460---)	76
National Environmental Policy Act (RU # 480---)	77
Native American Graves Protection and Repatriation Act (RU # 080---)	78
Archeological Resources Protection Act (RU # 090---)	78
Federal Insecticide, Fungicide, and Rodenticide	
Act (FIFRA) (RU # 300---)	78
Federal Mine Safety and Health Act (RU # 330---)	80
Historic Sites Act of 1935 (RU # 410---)	81
Biotechnology (RU # 110---)	81
Pacific Northwest Electric Power & Conservation (RU # 810---)	81
Veterans' Dioxin & Radiation Exposure Compensation Stds. Act (RU # 935---)	81
Coastal Zone Management Act (RU # 160---)	82
Other (RU # 805---)	82
IRIS Table Update	85
Index to RU Numbers by CFR Citation	103

*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 - May/June, 1994

1. Uranium Mill Tailings Regulations Conforming NRC Requirements to EPA Standards - Final Rule

NRC issues a final rule (NPRM: 11-3-93) to conform the requirements in Appendix A of 10 CFR 40 to the EPA standards in 40 CFR 192, as required by Section 84a(2) of the Atomic Energy Act. This final rule amends Criterion 6 in Appendix A for the disposal of uranium mill tailings. The existing design requirements of criterion 6, (e.g., the placement of an earthen cover over the uranium mill tailings at the end of an uranium mill operations and a cover designed to provide reasonable assurance that radon releases not exceed 20 pCi/m² for 200 years and 1,000 years to the extent reasonably achievable) remain unchanged. This rule adds a one time verification requirement that the barrier, as constructed, limits the releases of radon to 20 pCi/m² when averaged over the entire impoundment. For the one time verification, EPA method 115 must be used, unless NRC approves an alternate method as being at least as effective in demonstrating the effectiveness of the radon barrier. If the reclamation plan calls for a phased emplacement of the final radon barrier, the rule requires the one-time verification to be performed on each portion of the barrier as it is completed. For the verification to remain valid, erosion protection features must be completed before significant deterioration of the barrier. The final rule also adds a new criterion 6A which requires that the placement of the earthen cover be conducted in accordance with a written reclamation plan. This written plan must be approved by the NRC and must provide for the placement of the final radon barrier as expeditiously as practicable, considering technological feasibility, after the pile or impoundment ceases operation. After the end of operation, Criterion 6A allows the disposal of byproduct material into a portion of the pile or impoundment during closure activities. The EPA and NRC rules are substantively the same, with a few discrete differences. The NRC final rule defines "reclamation plan" more broadly than the EPA rule, to include activities also occurring after the end of operation in addition to the control of radon, such as groundwater remediation. The NRC rule is more stringent than the EPA rule by requiring erosion protection to be completed in a timely manner. The effective date for the final rule is July 1, 1994.

(6-1-94, 59 FR 28220, RU# 930-038.01)

2. RCRA Expanded Public Participation and Revisions to Combustion Permitting Procedures - Notice of Proposed Rulemaking

EPA issues a proposed rule to amend the Resource Conservation and Recovery Act (RCRA) permitting procedures for combustion facilities to expand the opportunity for public involvement and to clarify classifications for the permit modification. To inform the affected community of the proposed operation of a facility and to solicit and receive public input, EPA would require an applicant to give notice and hold at least one public meeting before submitting a permit application. This public meeting should be informal in nature and could not be satisfied through a state required siting meeting, unless such a meeting

meets the requirements of the proposed rule. When the permit application or renewal application is received, the permitting authority would give the public notice of its receipt. The proposed rule gives the EPA discretion to require the facility to establish an information repository for all documents, reports, and summaries of data the permitting agency considers in evaluating the permit.

The proposed rule revises and amends the classification procedures, which determines the rigor required in permit modifications. Classes 1, 2, and 3 remain the same (with Class 3 requiring more formal permitting procedures). However, certain types of permit modifications, such as modifications to the trial burn plan before the trial burn is complete, have been moved to other classifications. EPA is also clarifying the requirement that when a facility does not meet the requirements of a trial burn plan, the trial burn plan must be revised and approved by the permitting agency before another trial burn can be conducted. In addition, such a modification is being reclassified to Class 2 so that public participation will be required. To clarify the modification classifications, EPA is moving the modification items from the shakedown and the trial burn phases of the permitting process into separate sections. EPA is also proposing to modify language in the unclassified modification section to encourage facilities to take advantage of the flexible classification allowed under the rules for unlisted modifications and to encourage lower classifications if they are more appropriate. The proposed rule also expands the public participation procedures to require the permitting authority to give public notice of the actual trial burn.

The proposed rule would establish permitting procedural requirements for interim status units similar to the permitting procedures for new units. Additional requirements would be imposed on interim status units requiring operation of the facility to be confined to conditions passed during the trial burn phase while meeting the performance standards. Operation would also be confined to conditions for which sufficient trial burn data is available to set operating conditions. The comment period for the proposed rule ends August 1, 1994.

(6-2-94, 59 FR 28680, RU# 840-334.00)

REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
RESOURCE CONSERVATION AND RECOVERY ACT				
	CAA Hazardous Pollutants and RCRA Hazardous Waste Streams - Designation and RQ Adjustments -- RU# 180-119.01			
	Oil Pollution Prevention -- RU# 145-002.00			
	Effluent Standards and Guidelines for Hazardous Waste Incinerators and Landfill Leachate Discharges -- RU# 140-109.01			
	Pesticide Storage -- RU# 300-003.00			
*840-051.01	SW Disposal Facility Criteria - Effective Date Delayed for Small Landfills, Financial Assurance 40 CFR 257 40 CFR 258	NPRM 58 FR 40568 07/28/93 Final rule 58 FR 51536 10/01/93 Corrections 58 FR 53136 10/14/93	EPA delays (1) the effective date of the revised solid waste disposal facility criteria for certain small landfills to 4/9/94, and (2) the financial assurance requirements of the rule for all covered landfills to 4/9/95. EPA also adds certain exemptions and delays compliance dates for other specific requirements. EPA will also continue to accept comments on possible alternative groundwater monitoring standards for small landfills until a final decision is reached on this.	Amendments effective 10/9/93; effective date delayed to 4/9/94 for small landfills and to 4/9/95 for financial assurance requirements. <u>Decision by 9/94 on alternative monitoring standards for small landfills.</u>
840-051.02	Criteria for SW Disposal Facilities That May Accept CESQG HW 40 CFR 257	Planned NPRM 59 FR 21094 04/25/94	Under a settlement agreement with the Sierra Club, EPA is to revise criteria for solid waste disposal facilities (excluding municipal landfills) that may receive conditionally exempt small quantity generator (CESQG) hazardous wastes. The criteria might be applicable to construction and demolition wastes facilities managing nonhazardous wastes.	NPRM 5/95. Final rule 7/96.
*840-056.02	Technical Clarification to BIF Regulations - Mercury-bearing Wastes 40 CFR 266	Proposed amendment 59 FR 31964 06/21/94	EPA proposes to add certain mercury-bearing wastes to the list of wastes that can be burned in metal-recovery furnaces without triggering requirements in Subpart H of 40 CFR 266 concerning the burning of hazardous wastes in boilers and industrial furnaces.	<u>Final amendment undetermined. May finalize rule as part of LDR Phase II final rule (RU# 840-305.00).</u>
*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 Regulatory Agenda 59 FR 21106 04/25/94	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. <u>Final rule undetermined.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-107.00	Location Standards for TSD Facilities 40 CFR 260 40 CFR 264 40 CFR 265 40 CFR 270	Notice 55 FR 19981 05/14/90 Planned NPRM 59 FR 21097 04/25/94	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.	OMB disagreed with basis of rule. Rule is now on hold, of low priority, and unfunded.
*840-133.01	Solid Waste Management Units - Corrective Action Subpart S (Phase II) 40 CFR 264 40 CFR 270	NPRM 55 FR 30798 07/27/90 NOA 58 FR 18395 04/09/93	EPA proposes procedures and technical requirements for implementing corrective action at RCRA solid waste management units (SWMUs). 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. EPA announces the availability of two draft reports, "MMSOILS: Multimedia Contaminant Fate, Transport, and Exposure Model" and the draft regulatory impact analysis (RIA) report.	Final rule or perhaps repropored NPRM 6/95.
		NOA 59 FR 28504 06/02/94	EPA announces the availability of a revised draft Regulatory Impact Analysis for the proposed RCRA requirements for corrective action at hazardous waste management facilities.	<u>Available from RCRA Information Center: (202) 260-9327. Comments by 7/18/94.</u>
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 07/22/91 NOA 57 FR 43171 09/18/92 Regulatory Agenda 59 FR 21105 04/25/94	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 7/94. Effective six months after promulgation.
*840-151.00	Compliance Monitoring and Enforcement - State Programs 40 CFR 271.15 40 CFR 271.16	Planned NPRM 59 FR 21098 04/25/94	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.	<u>NPRM 9/94.</u>
*840-167.00	State Hazardous Waste Management Program - Washington 40 CFR 271	NPRM 59 FR 14827 03/30/94	EPA announces its tentative decision to grant Washington final authorization of revisions to its hazardous waste management program under RCRA, subject to public review and comment.	<u>Final rule 9/94.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-171.00	Groundwater Monitoring at Hazardous Waste Facilities - Subpart F 40 CFR 260 40 CFR 264 40 CFR 270	NPRM 53 FR 28160 07/26/88 Regulatory Agenda 59 FR 21104 04/25/94	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.	<u>Rulemaking withdrawn.</u>
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	NPRM 58 FR 46052 08/31/93 Regulatory Agenda 59 FR 21102 04/25/94	EPA proposes 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.	Final rule 1/95.
840-173.02	Solid Waste Test Methods (Manual SW-846 Third Edition - Update III) 40 CFR 260 40 CFR 261 40 CFR 262 40 CFR 264 40 CFR 265 40 CFR 268 40 CFR 270	Planned NPRM 59 FR 21093 04/25/94	EPA proposes 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 III to the Third Edition of SW-846.	NPRM 4/95. Final rule 9/96.
840-176.00	Groundwater Monitoring - Hazardous Constituents and Methods 40 CFR 264 40 CFR 270	Planned NPRM 59 FR 21098 04/25/94	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, and may revise and incorporate chapter 11 of SW-846.	On hold until 12/94.
*840-183.00	State Hazardous Waste Management Program - Illinois 40 CFR 271	Immediate final rule 59 FR 30525 06/14/94	EPA grants final authorization to Illinois for revisions to its state hazardous waste program, subject to public review and comment.	<u>Effective 8/15/94.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-185.00	USTs Containing Hazardous Substances - Financial Responsibility 40 CFR 280	ANPRM 53 FR 3818 02/09/88 Planned NPRM 59 FR 21100 04/25/94	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 2/96. Final rule 2/97.
*840-191.01	Ash from Municipal Solid Waste Combustion 40 CFR 270	Notice 59 FR 29372 06/07/94	A recent Supreme Court decision held that ash generated by municipal waste-to-energy facilities that burn household wastes is not exempt from regulation as hazardous waste under Subtitle C. EPA announces it considers this ash to be newly identified waste which must be tested by the generator to determine whether it is hazardous. The ash is not subject at this time to LDRs, but EPA will promulgate ash-specific restrictions within six months.	<u>Effective 6/7/94.</u>
		NOA 59 FR 32427 06/23/94	EPA announces the availability of a draft guidance document entitled "Sampling and Analysis of Municipal Refuse Incineration Ash" to assist generators of such ash in designing a plan to determine whether of the constituents exceed EPA's toxicity characteristic.	<u>Comments by 9/21/94.</u>
840-193.00	No-Migration Variance for Restricted Hazardous Waste Land Disposal 40 CFR 268	Notice 56 FR 46431 09/12/91 NPRM; NOA 57 FR 35940 08/11/92 Notice 59 FR 3858 01/27/94 Regulatory Agenda 59 FR 21102 04/25/94	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 BDAT treatment standards and announces the availability of a draft guidance manual for petitioners seeking the variance.	Final rule 8/94.
*840-209.00	State Hazardous Waste Management Program - North Carolina 40 CFR 271	Immediate final rule 59 FR 32377 06/23/94	EPA grants final authorization to North Carolina for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Comments by 7/25/94.</u> <u>Effective 8/22/94.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-211.01	Uniform Hazardous Waste Manifest - Amendment of Form 40 CFR 262.42 40 CFR 262.43 40 CFR 263.20 40 CFR 264.71 40 CFR 264.72 40 CFR 264.76 40 CFR 265.71 40 CFR 265.72 41 CFR 265.76	Notice 57 FR 44147 09/24/92 Notice 57 FR 54203 11/17/92 Notice 57 FR 61866 12/29/92 Planned NPRM 59 FR 21096 04/25/94	EPA will amend the hazardous waste manifest rule to make waste manifests truly "uniform" across the country. Interstate shipments become quite burdensome when industry must deal with several different state forms with varied requirements. Major issues involve the specific data elements that should be on the form.	NPRM 1/95. Final rule 1/96.
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 59 FR 21102 04/25/94	EPA proposes to require those who submit delisting petitions for hazardous wastes to provide groundwater monitoring data as part of their petition.	Final rule 12/94.
840-231.00	Waste Minimization Program for Hazardous Waste Generators	Draft guidance document 54 FR 25055 06/12/89 Interim final guidance 58 FR 31114 05/28/93	EPA publishes interim final guidance to assist hazardous waste generators and owners/operators of hazardous waste TSDFs in complying with the waste minimization certification requirements of RCRA Sects. 3002(b) and 3005(h).	Final guidance 9/94.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-244.00	Standards for the Tracking and Management of Medical Waste 40 CFR 259	Interim final rule 54 FR 12326 03/24/89 Notice; final rule amendments 54 FR 24310 06/06/89 NOA 55 FR 1770 01/18/90 Corrections 55 FR 27228 07/02/90 NOA 55 FR 28096 07/09/90 NOA 55 FR 43219 10/26/90 NOA 56 FR 2178 01/22/91	EPA publishes an interim final rule implementing the Medical Waste Tracking Act (MWT) 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. <u>Final report to Congress 8/94.</u>
840-248.01	Subtitle C Corporate Financial Test Criteria 40 CFR 264 40 CFR 265 40 CFR 280 40 CFR 761	Planned final rule 59 FR 21105 04/25/94	EPA will issue a final rule addressing corporate third party liability coverage and post-closure deed requirements for TSDF owners and operators to satisfy Subtitle C financial test criteria.	Final rule undetermined; no schedule for action.
840-250.02	EPA/NRC Guidance on Testing Mixed Radioactive and Hazardous Waste	NOA 57 FR 10508 03/26/92	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 8/94.
840-250.06	LDRs Phase III - Wastes Going to CWA and SDWA Systems Whose Treatment Standards Were Remanded	Planned NPRM 59 FR 21097 04/25/94	EPA will propose a rule to replace those rules remanded pursuant to a recent court ruling. This rule will establish treatment standards for characteristic wastes primarily managed in land-based wastewater treatment systems whose ultimate discharge is regulated under the CWA and are disposed in Class I SDWA injection wells.	NPRM 1/95. Final rule 1/96.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-250.07	LDRs Phase IV - Newly Identified Wastes and Mineral Processing Wastes 40 CFR 268	ANPRM 57 FR 55160 10/24/91 Planned NPRM 59 FR 21096 04/25/94	EPA will propose BDAT and LDRs for wood preserving waste, spent aluminum potliners, characteristically hazardous mineral processing wastes, and TC metals. The rule will also address equivalency determinations for leaks and sludges.	NPRM 6/95. Final rule 6/96.
*840-275.00	State Hazardous Waste Management Program - New Mexico 40 CFR 271	Immediate final rule 59 FR 29734 06/09/94	EPA grants final authorization to New Mexico for revisions to its state hazardous waste management program, subject to public review and comment.	Comments by 7/25/94. <u>Effective 8/23/94.</u>
*840-283.00	State Hazardous Waste Management Program - Kansas 40 CFR 271	Immediate final rule 59 FR 30528 06/14/94	EPA grants final authorization to Kansas for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Effective 8/15/94.</u>
840-287.00	Adequacy Determinations for State/Tribal Municipal Solid Waste Programs 40 CFR 239	Planned NPRM 59 FR 21099 04/25/94	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 7/94. Final rule 5/95.
840-295.00	Treatment of Indian Tribes as States Under RCRA Subtitle C 40 CFR 270 40 CFR 271	Planned NPRM 59 FR 21098 04/25/94	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.	NPRM 12/94. Final rule 12/95.
840-302.01	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 8/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-305.00	Treatment and Disposal of Newly Identified Wastes (TC Organic Wastes) - LDRs Phase II 40 CFR 268	ANPRM 56 FR 55160 10/24/91 NPRM 58 FR 48092 09/14/93 Clarification 59 FR 10778 03/08/94 Planned NPRM 59 FR 21101 04/25/94	EPA proposes treatment standards for newly identified organic toxicity characteristic wastes and newly-listed coke by-product and chlorotoluene production listed wastes, and alternative treatment standards for soil contaminated with hazardous wastes. EPA also proposes (1) capacity variances for mixed radioactive wastes and debris contaminated with wastes covered under this proposal and for soils contaminated with other newly listed wastes, (2) "universal" treatment standards for organic and metal constituents in hazardous wastes, (3) modifications to the hazardous waste recycling regulations to broaden the "closed loop" provision, and (4) options for monitoring additional hazardous constituents when managing ignitable and corrosive wastes.	Final rule for newly identified (TC organic wastes) 7/94.
*840-307.00	Hazardous Waste Recycling - Batteries, Recalled Pesticides (Universal Waste Rule) 40 CFR 261 40 CFR 273	NPRM 58 FR 8102 02/11/93 NOA 59 FR 31568 06/20/94	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>Final rule 8/94.</u>
*840-307.01	Hazardous Waste Recycling - "Use Constituting Disposal" Definition 40 CFR 261 40 CFR 266	Planned NPRM 58 FR 57050 10/25/93	EPA will propose revisions to the hazardous waste recycling regulations to define "use constituting disposal."	<u>Rulemaking withdrawn; no notice of withdrawal will be published in Federal Register.</u>
840-307.02	Exclusion of Fluorescent Lamps from HW Management - Inclusion in Universal Waste Rule 40 CFR 261	Planned NPRM 59 FR 21095 04/25/94	Because fluorescent lamps do not create environmental problems when disposed of in landfills, EPA is considering options for exempting them from toxicity characteristic and options for reducing Subtitle C requirements by including lamps in the "Universal Waste" rule.	NPRM 8/94. Final rule 8/95.
840-307.03	Hazardous Waste Recycling; Use Constituting Disposal - Non-Encapsulated HTMR Slag Residues 40 CFR 261 40 CFR 266	NPRM 59 FR 8583 02/23/94 Regulatory Agenda 59 FR 21106 04/25/94	EPA proposes to amend the provisions for conditionally exempting hazardous waste-derived products used in a manner constituting disposal so that non-encapsulated uses of slag residues from high temperature metal recovery (HTMR) treatment of listed hazardous wastes K061, K062, and F006 are not exempt from RCRA Subtitle C regulation.	Final rule 12/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-310.01	HWIR Listed Wastes - Exemption Standards 40 CFR 260-262 40 CFR 264 40 CFR 268	Planned NPRM 59 FR 21092 04/25/94	EPA will modify regulations distinguishing "listed" hazardous wastes by establishing exemption standards for low risk "listed" wastes, in particular, for treatment residuals.	NPRM 3/95. Final rule 3/96.
*840-310.02	HWIR Contaminated Media Wastes - Exemption Standards 40 CFR 260-262 40 CFR 264 40 CFR 268	Planned NPRM 59 FR 21096 04/25/94	Certain current regulations, including the "mixture" and "derived from" rules, apply to contaminated media regardless of the concentrations and mobility of toxicants in the media, thereby regulating certain low-risk media. EPA will establish exemption standards for these contaminated media so they will no longer be subject to Subtitle C regulation.	NPRM 1/95. Final rule 1/96.
	Hazardous Waste Management System - Post-Closure Requirements 40 CFR 124 40 CFR 264 40 CFR 265 40 CFR 270	Notice 59 FR 31238 06/17/94	EPA announces that it has submitted to OMB for approval a clearance to collect economic and regulatory impact data through surveys, interviews, and meetings in support of this rulemaking action.	<u>Comments by 7/18/94.</u>
840-318.00	Spent Solvents Listing Determination and Study 40 CFR 261 40 CFR 271 40 CFR 302	Planned NPRM 59 FR 21092 04/25/94	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 10/94. Final rule 10/95.
840-318.00	Chlorinated Aliphatics Listing Determination Under RCRA Subtitle C 40 CFR 261 40 CFR 271 40 CFR 302	Planned NPRM 59 FR 21093 04/25/94	EPA will propose to list or not list as RCRA hazardous wastes ter spent solvents and/or still bottoms from their recovery. The solvents are cumene, phenol, isophorone, acetonitrile, 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 4/95. Final rule 4/96.
840-319.00		Planned NPRM 59 FR 21093 04/25/94	EPA will propose to list or not to list as RCRA hazardous wastes wastewater 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 11/95. Final rule 10/96.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-321.00	Suspension of the TC Rule for Non-UST Petroleum Contaminated Media 40 CFR 261	NPRM 57 FR 61542 12/24/92 Regulatory Agenda 59 FR 21103 04/25/94	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 placed on hold; may pick up again in 1-2 years.
840-322.00	Applicability of the TC Rule to Petroleum-Contaminated Media and Debris from USTs 40 CFR 261	NPRM 58 FR 8504 02/12/93 Regulatory Agenda 59 FR 21103 04/25/94	EPA proposes to exempt petroleum-contaminated media and debris, such as soils 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).	Final rule 11/94.
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 59 FR 21094 04/25/94	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.	All rulemaking activity on hold indefinitely.
840-325.00	Field Filtering of Ground Water Samples Under Subtitles C and D 40 CFR 258.51(b)	Planned NPRM 59 FR 21099 04/25/94	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 9/94.
*840-326.00	Clarify Lender Liability for Underground Storage Tanks 40 CFR 280 40 CFR 281	NPRM 59 FR 30448 06/13/94	EPA proposes to clarify the liability of secured creditors ("lenders") regarding contaminated properties they hold as collateral. The rule proposes conditions under which secured creditors may be exempted from corrective action and technical and financial responsibility regulatory requirements that apply to UST owners/operators.	Comments by 8/12/94. <u>Final rule 7/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-328.00	Hazardous Waste Imports/Exports - Implementation of OECD Decision for Recyclable Wastes 40 CFR 260-266	Planned final rule 59 FR 21103 04/25/94	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.	<u>Final rule 10/94.</u>
840-329.00	Modifications to Definition of Solid Waste and Hazardous Waste Recycling 40 CFR 261 40 CFR 266	Planned ANPRM 59 FR 21091 04/25/94	EPA will propose to improve the implementation of the regulations that define a solid waste and the regulations governing the recycling of hazardous wastes.	On hold; no activity before 2/95 at earliest.
840-333.00	RCRA Groundwater Monitoring - Technical Guidance Document	NOA 58 FR 54151 10/20/93	EPA announces the availability of a guidance manual entitled, "RCRA Groundwater Monitoring: Draft Technical Guidance," designed to assist owners and operators of hazardous waste facilities in implementing groundwater monitoring regulations at regulated units. The manual is intended to update and supplement information in other sources including Chapter eleven of the SW-846 test manual.	Final document 12/94.
*840-334.00	Public Participation and Permitting under RCRA 40 CFR 124 40 CFR 270	NPRM 59 FR 28680 06/02/94	EPA proposes to amend its regulations under RCRA on the permitting of hazardous waste management facilities to allow public participation at an earlier point in the permitting process. The proposal would also amend permit modification classifications pertaining to combustion facilities.	Comments by 8/1/94. Final rule 9/95.
840-335.00	Revised Technical Standards for Hazardous Waste Combustion Facilities 40 CFR 264 40 CFR 266	Planned NPRM 59 FR 21096 04/25/94	The Draft Strategy for Combustion Hazardous Waste commits EPA to upgrade its technical standards for burning hazardous waste in incinerators, boilers, and industrial furnaces. These standards would be applicable during the construction and operation of these combustion facilities.	NPRM on furnaces and incinerators 9/95. Final rule 12/96. NPRM on boilers 9/98. Final rule 12/99.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-336.00	Rule Identifying When Military Munitions Become Hazardous Wastes 40 CFR 260-262 40 CFR 264-265 40 CFR 270	Planned NPRM 59 FR 21097 04/25/94	This rule will identify when military munitions, ordnance, and chemical warfare agents become hazardous wastes subject to federal hazardous waste transport, storage, treatment, and disposal rules. The rule may also identify management standards for such wastes.	NPRM 7/95. Final rule 7/96.
*840-340.00	Listing of Carbamate Production Wastes 40 CFR 261 40 CFR 271 40 CFR 302	NPRM 59 FR 9808 03/01/94	EPA proposes to list as RCRA hazardous wastes and CERCLA hazardous substances certain wastes generated during the production of carbamates and commercial chemical products containing carbamates that are discarded.	Final rule undetermined.
*840-343.00	Regulations to Control Imports and Exports of Hazardous Wastes 40 CFR 260-266	Planned NPRM 59 FR 21091 04/25/94	Once the U.S. becomes a Party to the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal, EPA will issue regulations to implement the terms of the agreement, as implementing legislation requires.	Final rule 10/94.
*840-345.00	Guideline for Procurement of Products Containing Recovered Materials 40 CFR 247-250 40 CFR 252 40 CFR 253	NPRM 59 FR 18852 04/20/94	EPA proposes a Comprehensive Procurement Guideline designating items that are or can be made with recovered materials to encourage the purchase and use of such products. A related Recovered Materials Advisory Notice (RU# 840-345.01) recommends practices for the procurement of these designated items.	Final rule 1/95.
*840-345.01	Recovered Materials Advisory Notice	Notice of draft document 59 FR 18892 04/20/94	EPA issues a draft Recovered Materials Advisory Notice which provides recommended recovered materials content levels and recommendations for the procurement of these items.	Final document 1/95.
*840-346.00	Identification and Listing of Hazardous Waste - Organobromine Production Wastes 40 CFR 261 40 CFR 271 40 CFR 302	NPRM 59 FR 24530 05/11/94	EPA proposes adding 2,4,6-tribromophenol to the list of commercial chemical products that are hazardous wastes under RCRA when discarded. In addition, the waste will also automatically become a CERCLA hazardous substance, and EPA proposes a reportable quantity of 100 pounds for it.	Final rule undetermined.
*840-347.00	Waste Analysis Plans (WAP) RCRA Guidance Manual	NOA 59 FR 25455 05/16/94	EPA announces the availability of the revised Waste Analysis Plan Guidance Manual for facilities that generate, treat, store, and dispose of RCRA hazardous wastes.	Available from NTIS as document number PB94-963-603.

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*840-348.00	State Hazardous Waste Management Program - Nevada 40 CFR 271	Immediate final rule 59 FR 27472 05/27/94	EPA issues an immediate final rule, subject to review and comment, granting Nevada approval of revisions to its hazardous waste management program under RCRA.	<u>Effective 6/27/94.</u> <u>Comments by 7/26/94.</u>
*840-349.00	LDR Dilution Prohibition and Combustion of Inorganic Metal-bearing Hazardous Wastes	NOA 59 FR 27546 05/27/94	EPA announces the availability of a memorandum establishing EPA's policy on the application of the LDR dilution prohibition to the combustion of inorganic metal-bearing hazardous wastes.	
*840-350.00	Mixed Waste Treatment, Storage and Disposal - Innovative Technologies	Notice 59 FR 28519 06/02/94	DOE's Office of Environmental Management solicits information from private companies regarding their capabilities to demonstrate new and innovative technologies that may accelerate or enhance site activities in characterization, treatment, remediation, and storage/disposal of mixed radioactive/hazardous wastes at federal facilities in the western United States.	<u>Submit information by 8/31/94.</u>
*840-351.00	Correction of Listing of P015 - Beryllium Powder 40 CFR 261 40 CFR 268 40 CFR 302	Technical correction amendment 59 FR 31551 06/20/94	EPA corrects the listing for "beryllium" in the list of commercial chemical products that are hazardous wastes when discarded. The listing description is corrected to read "Beryllium powder."	<u>Effective 6/20/94.</u>
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT				
Non-APA Consolidated Rules of Practice for Administrative Assessment of Civil Penalties Under CERCLA, SARA, SDWA, and CWA -- RU# 190-059.00				
Sediment Quality Criteria - Potential ARARs under CERCLA -- RU# 140-139.00				
List of Substances and Threshold Quantities -- RU# 120-183.00				
180-025.01	Type B Natural Resource Damage Assessments - Biennial Review 43 CFR 11	Planned ANPRM 59 FR 20486 04/25/94	As required under CERCLA Sect. 301(c)(3), DOI will begin its biennial review of the type B natural resource damage assessment rule now that its revisions are finalized.	ANPRM 9/94.

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*180-025.02	Natural Resource Damage Assessments - Type B, Contingent Valuation 43 CFR 11	NPRM 59 FR 23098 05/04/94 Comment period extended 59 FR 32175 06/22/94	The DOI proposes revisions to the type B natural resource damage assessment regulations to include appropriate standards to improve the reliability of the contingent valuation methodology when estimating lost non-use values.	<u>Comments by 10/7/94.</u> <u>Final rule undetermined.</u>
*180-062.00	Federally Permitted Releases 40 CFR 117 40 CFR 302 40 CFR 355	NPRM 53 FR 27268 07/19/88 Supplemental Notice 54 FR 29306 07/11/89	EPA proposes to clarify the federally permitted release exemptions from CERCLA release reporting and liability provisions.	<u>Final rule undetermined:</u> <u>no schedule as yet.</u>
	Designation of Extremely Hazardous Substances as CERCLA Hazardous Substances 40 CFR 302	NPRM 54 FR 3388 01/23/89 Notice 54 FR 15802 04/19/89	EPA corrects in the 4/25/94 Regulatory Agenda an erroneous entry for its rulemaking to define the scope of the exemption from reporting and liability for "federally permitted releases" under CERCLA. The rulemaking has not been withdrawn as indicated in the Agenda.	<u>Final rule on hold.</u>
*180-072.00	RQ Adjustments for Substances on the Extremely Hazardous Substances List 40 CFR 302 40 CFR 355	NPRM 54 FR 35988 08/30/89	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.	<u>Final rule on hold.</u>

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180-077.00	Natural Resource Damage Assessments-Type A - Coastal and Marine Environment 43 CFR 11	ANPRM 54 FR 5093 02/01/89 ANPRM 54 FR 39013 09/22/89 Planned NPRM 59 FR 20487 04/25/94	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 11/94.
180-077.01	Natural Resource Damage Assessments - Type A - Great Lakes Environment 43 CFR 11	ANPRM 53 FR 20143 06/02/88 ANPRM 54 FR 39015 09/22/89 Correction 54 FR 41363 10/06/89 Planned NPRM 59 FR 20487 04/25/94	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 8/94.
180-096.00	CERCLA Cost Recovery Program 40 CFR 300 40 CFR 308	NPRM 57 FR 34742 08/06/92 Regulatory Agenda 59 FR 21153 04/25/94	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 9/94.
*180-104.00	NTP Fiscal Year 1992 Annual Report	NOA 59 FR 24177 05/10/94	The National Toxicology Program (NTP) announces the availability of the NTP Annual Report for FY 1992 and the FY 1992 Review of Current DHHS, DOE, and EPA Research Related to Toxicology.	<u>Comments at any time.</u>

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180-119.01	CAA Hazardous Pollutants and RCRA Hazardous Waste Streams - Designation and RQ Adjustments 40 CFR 117 40 CFR 302 40 CFR 355	NPRM 58 FR 54836 10/22/93 Corrections 59 FR 8683 02/23/94 Regulatory Agenda 59 FR 21150 04/25/94	EPA proposes to designate as CERCLA hazardous substances 52 non-CERCLA hazardous air pollutants recently added to Sect. 112 of the CAA by the amendments of 1990 and adjust the RQs of these hazardous air pollutants. EPA also proposes to adjust the RQs of 15 RCRA waste streams.	Final rule 12/94.
180-120.00	Procedures for Contract Laboratory Program Investigation - NCP Appendix 40 CFR 300	NPRM 57 FR 21576 05/20/92 Regulatory Agenda 59 FR 21154 04/25/94	EPA proposes procedures for OSWER to deal consistently with Contract Laboratory Program (CLP) labs under investigation for alleged fraud.	Final rule 7/94.
180-126.00	National Priorities List - Thirteenth Update 40 CFR 300	NPRM 57 FR 47204 10/14/92 Regulatory Agenda 59 FR 21154 04/25/94	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 12/94.
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 01/25/93 Regulatory Agenda 59 FR 21153 04/25/94	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 1/95.

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*180-134.00	National Priorities List - Fourteenth Update 40 CFR 300	NPRM 58 FR 27507 05/10/93 Final rule 59 FR 27989 05/31/94	EPA issues a final rule adding 42 sites to the National Priorities List under CERCLA. Twenty-four sites are added to the federal facilities section including DOE's Paducah Gaseous Diffusion Plant in Kentucky.	<u>Effective 6/30/94.</u>
180-135.00	National Contingency Plan - Technical Revisions 40 CFR 35 40 CFR 300	NPRM 58 FR 53688 10/18/93 Planned NPRM 59 FR 21152 04/25/94	EPA has identified several provisions in the NCP that may be interpreted differently than the Agency intended. EPA now proposes clarifications to four sections of the NCP to eliminate potential ambiguity and reaffirm the Agency's original intent.	Final rule 10/94.
180-136.00	Hazardous Substance Response and Emergency Response Worker Training and Contractor Certification Program CFR undetermined	Planned NPRM 59 FR 20295 04/25/94	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 10/94.
*180-139.00	Environmental Data Needed for Public Health Assessments	NOA 58 FR 12306 03/03/93	EPA announces the availability of a draft guidance document, "Environmental Data Needed for Public Health Assessments," prepared by ATSDR, which describes the general focus of a public health assessment and provides a list of site information and environmental data that ATSDR attempts to obtain from EPA, PRPs, and lead agencies responsible for conducting environmental investigations.	<u>Final guidance document 9/94.</u>
180-140.00	National Priorities List - Fifteenth Update 40 CFR 300	NPRM 58 FR 34018 06/23/93 Final rule 59 FR 27989 05/31/94	EPA issues a final rule adding 42 sites to the National Priorities List (NPL) under CERCLA. Twenty-four sites are added to the federal facilities section, including nine from fifteenth update. None of the fifteenth update sites are DOE sites.	<u>Effective 6/30/94.</u>

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180-144.00	Policy for Deleting RCRA Sites from NPL 40 CFR 300	NPRM 53 FR 51421 12/21/88 Regulatory Agenda 59 FR 21153 04/25/94	EPA proposes criteria to be applied in decisions about whether to delete sites from the NPL for the purpose of deferring them to RCRA Subtitle C corrective action authorities.	Final rule 7/94.
*180-145.00	National Priorities List - Sixteenth Update 40 CFR 300	NPRM 59 FR 2568 01/18/94 Final rule 59 FR 27989 05/31/94	EPA issues a final rule adding 42 sites to the National Priorities List under CERCLA. Twenty-four sites are added to the federal facilities section including DOE's Laboratory for Energy-Related Health Research/Old Campus Landfill (CA).	<u>Effective 6/30/94.</u>
180-147.00	Reportable Quantity Adjustment for Radon-222 40 CFR 302	Planned NPRM 59 FR 21151 04/25/94	The American Mining Congress and the Fertilize Institute have challenged the reportable quantity (RQ) for radon-222 and submitted a petition to adjust it to a higher RQ. EPA will review their contentions and adjust the RQ as necessary.	NPRM 9/94.
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT				
Mandatory Pollution Prevention Reporting in TRI Reports -- RU# 195-002.00				
ATSDR Substances Test Rule -- RU# 920-113.00				
190-048.01	Response Action Contractor Indemnification CFR not determined	Planned NPRM 59 FR 21151 04/25/94	EPA will propose to codify the previously issued response action contractor (RAC) indemnification guidelines which provide RACs with protection against third party claims resulting from contractor negligency in performing response work at NPL sites.	NPRM 10/94. Final rule undetermined.
*190-049.01	Toxic Chemical Release Reporting - Barium Sulfate 40 CFR 372	NPRM 58 FR 32622 06/11/93 Final rule 59 FR 33205 06/28/94	In response to petitions, EPA exempts barium sulfate from the reporting requirements of the "barium compounds" category of the toxic chemicals list under Sect. 313 of EPCRA.	<u>Effective 6/28/94.</u>

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190-053.00	Toxic Chemical Release Reporting - Ammonium Sulfate 40 CFR 372	NPRM 55 FR 12144 03/30/90 NOA 55 FR 12148 03/30/90	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.
190-059.00	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 07/01/91	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 7/94.
190-060.00	Toxic Chemical Release Reporting - Sulfuric Acid 40 CFR 372	NPRM 56 FR 34156 07/26/91	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.	Final rule 11/94.
190-065.00	Amendments to the Extremely Hazardous Substances List Under EPCRA 40 CFR 355	Planned NPRM 59 FR 21152 04/25/94	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 7/94. Final rule 7/95.
190-066.00	EPCRA Toxic Release Inventory - Expanded List of Chemicals 40 CFR 372	NPRM 59 FR 1788 01/12/94 Regulatory Agenda 59 FR 21069 04/25/94	EPA proposes to add 313 chemicals and chemical categories to the list of toxic chemicals subject to reporting under Sect. 313 of EPCRA and Sect. 6607 of the Pollution Prevention Act of 1990.	Final rule 11/94.
190-066.01	EPCRA Toxic Release Inventory - Expanded Facilities List 40 CFR 372	Planned NPRM 59 FR 21063 04/25/94	EPA is considering an expanded list of facilities required to submit information for the Toxic Release Inventory. EPA will selectively propose groupings of industries to be added.	NPRM 3/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
190-070.00	Toxic Chemical Release Reporting - Glycol Ethers 40 CFR 372	NPRM 58 FR 36180 07/06/93 NOA 58 FR 60574 11/17/93	EPA proposes to change the present definition of the glycol ethers category to exclude the high molecular weight glycol ethers (surfactant glycol ethers) that do not meet the criteria set out for Sect. 313 toxic chemical release. EPA issues two additional references containing information on the proposed rule.	Final rule 7/94.
190-072.00	Amendments to EPCRA Sections 302 through 312 40 CFR 355 40 CFR 370	Planned NPRM 59 FR 21152 04/25/94	This rulemaking will include a modification to the chemical inventory reporting forms under Sect. 312 of EPCRA, as well as modifications to other sections of the regulation.	NPRM 10/94.
*190-073.00	Progress Toward Implementing Superfund Fiscal Year 1991 - Report to Congress	NOA 59 FR 30002 06/10/94	EPA announces the availability of its report to Congress on the Agency's progress toward implementing Superfund for fiscal year 1991.	
POLLUTION PREVENTION ACT				
EPCRA Toxic Release Inventory - Expanded List of Chemicals -- RU# 190-066.00				
195-002.00	Mandatory Pollution Prevention Reporting in TRI Reports 40 CFR 372	NPRM 56 FR 48475 09/25/91 Notice 57 FR 22330 05/27/92 Regulatory Agenda 59 FR 21069 04/25/94	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 wastestream, released, recycled, or treated at a facility, and a production ratio or activity index for the reported chemical.	Guidance document 12/94. Final rule 3/95.
*195-003.00	DOE Pollution Prevention Written Strategy	NOA 59 FR 31219 06/17/94	The Department of Defense announces the availability of its pollution prevention strategy as required by Executive Order 12856, "Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements."	

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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SAFE DRINKING WATER ACT				
LDRs Phase III - Wastes Going to CWA and SDWA Systems Whose Treatment Standards were Remanded -- RU# 840-250.06				
Non-APA Consolidated Rules of Practice for Administrative Assessment of Civil Penalties Under CERCLA, SARA, SDWA, and CWA - RU# 190-059.00				
Treatment of Indian Tribes as States - Program Authorization Under the CWA and SDWA -- RU# 140-103.01				
880-007.00	Primary Drinking Water Regulations - Radionuclides (Phase IV) 40 CFR 141 40 CFR 142	ANPRM for MCLGs 48 FR 45502 10/05/83 ANPRM for MCLs 51 FR 34836 09/30/86 NPRM 56 FR 33050 07/18/91 Corrections 56 FR 43573 09/03/91 Corrections 56 FR 52241 10/18/91 Regulatory Agenda 59 FR 21089 04/25/94	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. In addition, this rule will also establish analytical techniques to identify radium-228 in drinking water.	Final rule 4/95.
880-010.02	Reconsideration of NPDWRs - Aldicarb Compounds 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 21087 04/25/94	EPA is reconsidering the NPDWRs for aldicarb, aldicarb sulfone, and aldicarb sulfoxide because new analyses of critical studies have caused the RfDs for these chemicals to be re-examined. The effective date for MCLs for aldicarb compounds has been stayed.	NPRM 12/94.
880-011.00	NPDWRs - Groundwater Disinfection 40 CFR 141 40 CFR 142	NOA 57 FR 33960 07/31/92 Planned NPRM 59 FR 21086 04/25/94	EPA will propose that all public water systems using groundwater use disinfection treatment processes unless they have natural disinfection or meet specific variance criteria. EPA makes available a draft summary of the Groundwater Disinfection Rule.	NPRM 8/95. Final rule 8/97.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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880-013.01	NPDWRs - Sulfate 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 21087 04/25/94	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 11/94. Final rule 5/96.
880-030.00	Wellhead Protection and Sole Source Aquifer Demonstration Programs - Indian Tribes 40 CFR 35	NPRM 52 FR 46712 12/09/87 Regulatory Agenda 59 FR 21089 04/25/94	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 10/95.
*880-034.00	NPDWRs Lead & Copper 40 CFR 141 40 CFR 142	NPRM 53 FR 31516 08/18/88 Final rule 56 FR 26460 06/07/91	EPA promulgates MCLGs and NPDWRs for controlling lead and copper in drinking water. EPA sets MCLGs of zero for lead and 1.3 mg/L for copper. EPA sets NPDWRs consisting of a treatment technique requirement that includes corrosion control treatment, source water treatment, lead service line replacement, and public education.	Final rule effective 12/7/92.
		Technical corrections 59 FR 33860 06/30/94	EPA corrects typographical errors, clarifies language, and restores special primacy requirements inadvertently deleted in the final rule.	<u>Effective 6/30/94.</u>
880-034.01	NPDWRs - Lead and Copper 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 21086 04/25/94	EPA will propose revisions to the NPDWRs for lead and copper to make minor changes needed to improve implementation of the rule.	NPRM 12/94. Final rule 12/95.
880-046.00	NPDWRs - Arsenic 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 21086 04/25/94	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.	NPRM 11/95. Final rule 11/97.
*880-049.00	Management of Class V Injection Wells Under Part C 40 CFR 144 40 CFR 145 40 CFR 146	Planned NPRM 59 FR 21088 04/25/94	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.	<u>NPRM 3/95. Final rule 3/96.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*880-050.00	NPDWRs - Contaminants From First Drinking Water Priority List (Phase VI-A) (DBP and ESWTR) 40 CFR 141	NOI 57 FR 42533 09/15/92 Notice 57 FR 53866 11/13/92 Notice 57 FR 61867 12/29/92 Planned NPRM 59 FR 21087 04/25/94	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). This Phase VI-A rule will be composed of two rules: the disinfection byproducts rule (DBP) and the enhanced surface water treatment rule (ESWTR).	ESWTR NPRM signed 6/7/94; publish in 7/94. Final rule 10/94. DBP NPRM 8/95.
880-050.01	NPDWRs - Contaminants From First Drinking Water Priority List (Phase VI-B) 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 21088 04/25/94	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). This rule will address the Phase VI-B organic and inorganic chemicals.	NPRM 2/95. Final rule 2/97.
880-060.00	Revision of Analytical Methods for Regulated DW Chemicals 40 CFR 141 40 CFR 143	NPRM 58 FR 65622 12/15/93 Regulatory Agenda 59 FR 21089 04/25/94	EPA proposes to withdraw approval of outdated methods for analyzing drinking water contaminants, update older methods, and/or approve new methods. The revisions have been recommended by ORD and various standards-setting organizations.	Final rule to be issued in two parts: part I 8/94, part II 12/94.
880-062.00	Drinking Water Primacy Withdrawal Regulation 40 CFR 142	Planned NPRM 59 FR 21088 04/25/94	EPA will propose revisions to the regulatory language which concerns EPA's initiation of proceedings that could result in withdrawal of state primary enforcement responsibility for the public water system supervision program.	NPRM 9/94. Final rule 9/95.
*880-064.00	Monitoring and Reporting Requirements for Microorganisms and Disinfection Byproducts 40 CFR 141	NPRM 59 FR 6332 02/10/94 Regulatory Agenda 59 FR 21090 04/25/94	EPA proposes to require that certain public water systems conduct monitoring for certain microorganisms and disinfection byproducts and provide the results to EPA	Final rule 8/94.

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CLEAN WATER ACT				
LDRs Phase III - Wastes Going to CWA and SDWA Systems Whose Treatment Standards were Remanded -- RU# 840-250.06				
Non-APA Consolidated Rules of Practice for Administrative Assessment of Civil Penalties Under CERCLA, SARA, SDWA, and CWA - RU# 190-059.00				
140-018.00	Guidelines Establishing Test Procedures for the Analysis of Pollutants - Dioxin Measurement 40 CFR 136	NPRM 56 FR 5090 02/07/91 Notice 56 FR 24814 05/31/91	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 under review; may issue by 9/94.
140-035.02	Amendments to Sewage Sludge Use and Disposal Rule 40 CFR 503	Planned NPRM 59 FR 21075 04/25/94	EPA will propose amendments to address: (1) pollutant limits for molybdenum and cadmium when sludge is land applied, (2) total hydrocarbons operational standard and monitoring requirements, (3) ratio of hexavalent chromium to total chromium for incineration, (4) quality of bagged products, (5) alternative test methods for pathogens and chemicals, and (6) alternative vector control processes.	NPRM 2/95. Final rule 5/96.
140-035.03	Standards for Use or Disposal of Sewage Sludge (Round II) 40 CFR 503	Planned NPRM 59 FR 21075 04/25/94	EPA will establish requirements for sewage sludge when the sludge is applied to the land for a beneficial purpose, when the sludge is disposed on land by placing it on surface disposal sites, or when sewage sludge is incinerated.	NPRM 12/99. Final rule 12/2001.
*140-039.00	NPDES Permit - Compliance Extension for Innovative Technologies 40 CFR 122 40 CFR 124 40 CFR 125	NPRM 50 FR 49904 12/05/85	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.	<u>Pursuant to a settlement agreement, 401(k) regulations were vacated; notice explaining this to be published in 8/94.</u>
*140-081.00	Effluent Guidelines Plan 40 CFR Ch. I	NPRM 59 FR 25859 05/18/94	EPA proposes its plans for developing new and revised effluent guidelines, which regulate industrial discharges to surface waters and to publicly owned treatment works under the CWA.	<u>Final rule undetermined.</u>
140-084.00	NPDES Permit Application Forms - Municipal Discharges and Sewage Sludge Use and Disposal 40 CFR 122.21(j)	Planned NPRM 59 FR 21079 04/25/94	EPA will revise the current NPDES Permit Application Standard Form A (municipal), and Short Form A (municipal) to reflect amendments to the CWA and changes in program requirements and emphasis. EPA will also develop a sewage sludge use and disposal permit application form.	NPRM 12/94. Final rule 12/96.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
140-085.03	Fact Sheet for Multi-Sector Stormwater General Permit 40 CFR 122	Proposed permit 58 FR 61146 11/19/93	EPA issues draft NPDES general permits and fact sheets for stormwater discharges associated with industrial activity in several states and territories and on Indian lands and federal facilities in certain states.	Final permits and fact sheets 11/94.
140-085.04	Phase II Storm Water Permitting Program - Additional Sources 40 CFR 122	Notice 57 FR 41344 09/09/92	Under CWA Sect. 402(p)(6), EPA will propose to implement the second phase of the storm water permitting program for sources/activities not regulated under the existing program.	On hold until CWA is reauthorized.
*140-089.00	Biological Test Procedures for the Analysis of Pollutants 40 CFR 136	NPRM 54 FR 50216 12/04/89	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.	<u>Awaiting release of revised methods manual before issue final rule; perhaps by 9/94.</u>
140-103.01	Treatment of Indian Tribes as States - Program Authorization under the CWA and SDWA 40 CFR 123 40 CFR 124 40 CFR 131 40 CFR 142 40 CFR 144 40 CFR 145 40 CFR 233 40 CFR 501	NPRM 59 FR 13820 03/23/94	EPA proposes amendments to regulations under the CWA and SDWA concerning the treatment of Indian tribes as states for purposes of various types of financial assistance and program authorizations.	Final rule undetermined.
140-108.00	Shore Protection Act Section 4103(b) Regulations 40 CFR 237	Planned NPRM 59 FR 21080 04/25/94	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 9/94. Final rule 9/95.

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140-109.00	Waste Treatment Industry Effluent Guidelines and Standards - CWT Facilities (Phase I) 40 CFR 437	Planned NPRM 59 FR 21076 04/25/94	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.	NPRM 12/94. Final rule 9/96.
140-109.01	Waste Treatment Industry Effluent Standards and Guidelines - HW Incinerators and Landfill Leachate Discharges (Phase II) 40 CFR 437	Notice 58 FR 27280 05/07/93 Notice 58 FR 50918 09/29/93 Planned NPRM 59 FR 21077 04/25/94	EPA will propose effluent guidelines and standards for (1) industrial incinerators and thermal destruction units, and (2) all landfills with leachate collection systems.	NPRM 3/97. Final rule 3/99.
140-110.00	Secondary Treatment Waivers for Municipal Discharge into Marine Waters 40 CFR 125	NPRM 56 FR 2814 01/24/91 Notice 57 FR 46390 10/08/92 Regulatory Agenda 59 FR 21082 04/25/94	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 9/94.
140-111.00	CWA Section 404 Program Definition ("Isolated Waters") 40 CFR 232.2(q)	Planned NPRM 59 FR 21079 04/25/94	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.	Rulemaking placed on low-priority; action perhaps by 3/95.

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*140-114.00	Bioconcentratable Contaminants	NOA 56 FR 13150 03/29/91	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 8/94.
		NOA 59 FR 32428 06/23/94	EPA announces the availability of the two field validation studies that comprise Appendix I of the draft guidance document entitled "Assessment and Control of Bioconcentratable Contaminants in Surface Waters."	<u>Comments by 8/22/94.</u>
*140-124.00	Exception from Wetlands Mitigation Sequence for Alaska 40 CFR 230	NPRM 57 FR 52716 11/04/92 Notice of withdrawal 59 FR 26162 05/19/94	EPA withdraws the proposed rule on revising the CWA Sect. 404(b)(1) guidelines to provide an exception from the wetlands mitigation sequence for proposed discharges of dredged or fill material into wetlands in the State of Alaska.	
140-133.00	Water Quality Guidance for the Great Lakes System 40 CFR 132	NPRM 58 FR 20802 04/16/93 Corrections 58 FR 21046 04/16/93 NOA; Corrections 58 FR 42266 08/09/93 NOA 58 FR 47845 09/13/93 Regulatory Agenda 59 FR 21081 04/25/94	To satisfy the requirements of Sect. 118(c)(7)(C) of the CWA, EPA issues proposed guidance for implementing water quality standards, antidegradation policies, and implementation procedures for waters within the Great Lakes System.	Final rule 3/95.
140-135.00	Comparison of Dredged Material to a Reference Sediment 40 CFR 230	Planned NPRM 59 FR 21079 04/25/94	EPA will propose to revise testing provisions to provide for comparisons between dredged material proposed for discharge and a reference sediment that is substantially free of contaminants. This action would make dredged material testing more consistent with testing under the MPRSA.	NPRM 7/94. Final rule 3/95.

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140-137.00	Ambient Water Quality Criteria for Aniline and 2,4-Dimethylphenol	Notice 58 FR 61910 11/23/93	EPA announces the availability of documents on aniline and 2,4-dimethylphenol presenting proposed ambient water quality criteria for the protection of aquatic life.	Final criteria 11/94.
*140-139.00	Sediment Quality Criteria	NOA 59 FR 2652 01/18/94	Under Sect. 304(a)(1) of the CWA, EPA announces the availability of draft documents proposing sediment quality criteria for five priority pollutant chemicals. EPA intends to publish each of the documents in final form, while the general regulatory role the criteria play will be outlined in the Contaminated Sediment Management Strategy (CSMS) to be available in the near future. The sediment criteria are being considered as potential ARARs under CERCLA.	<u>Final criteria and CSMS early 1996.</u>
140-142.00	Cooling Water Intake Structures - Criteria and Standards Reflecting BTA 40 CFR 125 40 CFR 401	Planned NPRM 49 FR 21078 04/25/94	In response to requests for guidance on implementing Sect. 316(b) of the CWA, EPA will conduct a 3-year data collection and analysis to quantify the adverse impacts from cooling water intake structures, and then propose criteria and standards reflecting best technology available (BTA) for these structures.	NPRM undetermined.
140-143.00	NPDES Industrial Permit Application Form 2C - Wastewater Discharge 40 CFR 122.21(g)	Planned NPRM 59 FR 21079 04/25/94	EPA will revise the existing industrial wastewater discharge application form, which has not been updated since 1984, to reflect statutory and regulatory changes in the NPDES program.	NPRM 1/96. Final rule 1/98.
140-144.00	Clean Water Act Section 404 Program Definition - Artificial Wetlands 40 CFR 232	Planned NPRM 59 FR 21080 04/25/94	This rule would clarify the types of waters that are generally not subject to CWA jurisdiction because they are created from uplands by human activity and would revert to uplands if such activity ceased.	NPRM 3/95.

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OIL POLLUTION ACT OF 1990				
*145-001.00	Natural Resource Damage Assessments - Oil Pollution Act 15 CFR 990	ANPRM 55 FR 53478 12/28/90 ANPRM 57 FR 8964 03/13/92 NOA 58 FR 4601 01/15/93 NPRM 59 FR 1062 01/07/94 Comment period extended 59 FR 32148 06/22/94	NOAA proposes 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.	Comments by 10/7/94. Final rule 12/94.
145-002.00	Oil Pollution Prevention (Phase I - Spill Prevention, Control, and Countermeasures) 40 CFR 112	NPRM 56 FR 54612 10/22/91 Notice 58 FR 65181 12/13/93 Regulatory Agenda 59 FR 21101 04/25/94	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 7/95.
*145-002.01	Oil Pollution Prevention (Phase II - Facility Response Plans) 40 CFR 112	NPRM 58 FR 8824 02/17/93 Corrections 58 FR 19030 04/09/93 Regulatory Agenda 59 FR 21154 04/25/94	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.	Final rule 7/94.

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145-003.00	Revisions to the NCP Required by the Oil Pollution Act 40 CFR 300	NPRM 58 FR 54702 10/22/93 Regulatory Agenda 59 FR 21154 04/25/94	EPA proposes revisions to the NCP as required by the Oil Pollution Act to enhance the current framework, standards, and procedures to address oil and hazardous substance spill response. As part of this initiative, EPA proposes a Fish and Wildlife and Sensitive Environments Plan.	Final rule 8/94.
*145-010.00	DOT Response Plans for Onshore Oil Pipelines 49 CFR 194	Interim final rule 58 FR 244 01/05/93 Regulatory Agenda 59 FR 20811 04/25/94	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.	Interim final rule effective 1/5/93. <u>Final rule 1/95.</u>
145-014.00	National Preparedness for Response Exercise Program (PREP)	Notice 59 FR 14254 03/25/94	The U.S. Coast Guard, in conjunction with EPA, RSPA, and the Minerals Management Service, issues a proposed exercise schedule and scheduling process for the National Preparedness for Response Exercise Program for complying with the Oil Pollution Act of 1990 pollution response exercise requirements.	Final schedule undetermined.

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CLEAN AIR ACT				
			Air Emission Standards for VOCs from Tanks and Impoundments at TSD Facilities - Phase II -- RU# 840-142.01	
			CAA Hazardous Pollutants and RCRA Hazardous Waste Streams - Designation and RQ Adjustments -- RU# 180-119.01	
			Hazardous Air Pollutants Multi-Chemical Endpoint Test Rule -- RU# 920-147.00	
120-005.00	NAAQS - Sulfur Oxides 40 CFR 50	ANPRM 44 FR 56730 10/02/79 NPRM 53 FR 14926 04/26/88 Notice 53 FR 29346 08/04/88 Clarification notice 53 FR 36587 09/21/88 Notice of proposed consent decree 57 FR 44375 09/25/92 Final decision 58 FR 21351 04/21/93 Notice of proposed consent decree 58 FR 31520 06/03/93 Regulatory Agenda 59 FR 21141 04/25/94	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 announces its final decision not to revise the secondary standards for sulfur oxides. EPA still needs to issue a final decision regarding whether or not to revise the primary standards. EPA gives notice of a proposed consent decree which, if finalized, would force EPA to issue a final rule or repropose NPRM according to a definite time schedule.	Action on final rule regarding primary standards 10/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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120-006.01	Review of NAAQS for Ozone 40 CFR 50.9	NOA 59 FR 4278 01/31/94 Notice 59 FR 5164 02/03/94 Planned NPRM 59 FR 21114 04/25/94	EPA is updating the air quality criteria to take into account new health and welfare effects information. A revised criteria document and staff paper will be reviewed by the clean air scientific advisory committee (CASAC), and EPA will determine if revisions to the criteria are necessary.	Criteria document and staff paper 6/95. NPRM 6/96. Final rule 6/97.
120-009.01	NAAQS - Particulate Matter 40 CFR 50.6	Call for information 59 FR 17375 04/12/94 Planned NPRM 59 FR 21108 04/25/94	EPA requests information as part of its review of the air quality criteria for particulate matter (PM) under the CAA. EPA will undertake to update and revise, where appropriate, the air quality criteria for PM.	NPRM undetermined.
*120-017.01	NSPS for Nitrogen Oxide Emissions from Electric Utility Steam Generating Units 40 CFR 60.40	Planned NPRM 59 FR 21136 04/25/94	EPA will propose to revise existing new source performance standards (NSPS) for NOx emissions from fossil-fuel fired steam generating units, including electric utility units, to reflect improvements in methods for the reduction of NOx emissions.	<u>NPRM 9/94. Final rule 9/95.</u>
*120-055.00	NESHAPS - Chromium Industrial Cooling Towers 40 CFR 63	NOI to list 50 FR 24317 06/10/85 NPRM 58 FR 43028 08/12/93 Regulatory Agenda 59 FR 21142 04/25/94	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 EPA now proposes standards to control them.	<u>Final rule 8/94.</u>
*120-056.01	NSPS for Small Industrial Boilers Litigation - Proposed Settlement 40 CFR 60	Proposed settlement 59 FR 15728 04/04/94	EPA gives notice of a proposed settlement in litigation challenging EPA's NSPS for small industrial, commercial, and institutional steam generating units under Sect. 111 of the CAA.	<u>Final settlement filed in court; will not be published in Federal Register.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-075.00	Source Surveillance of Visible Emissions - Methods for Measurement 40 CFR 51	NPRM 51 FR 31076 08/29/86 Reproposed NPRM 58 FR 61640 11/22/93	EPA proposes three visible emission test methods to be included in Appendix M. The methods would provide states with an expanded array of data reduction procedures to determine compliance with various types of SIP opacity regulations.	Final rule 11/94.
120-076.01	Supplement to the Guideline on Air Quality Modeling 40 CFR 51 40 CFR 52	Planned NPRM 59 FR 21117 04/25/94	EPA will propose to revise the air quality modeling guideline to add new and/or improved techniques. Air quality models are used to predict ambient concentrations of pollutants.	NPRM 3/96. Final rule undetermined.
*120-083.00	NAAQS - Nitrogen Dioxide 40 CFR 50.11	NOA - draft document 56 FR 59285 11/25/91 Proposed consent decree 58 FR 11859 03/01/93 Regulatory Agenda 59 FR 21109 04/25/94	EPA announces the availability of an external review draft of a revised air quality criteria document of nitrogen oxides prepared by the Environmental Criteria and Assessment Office (ECAO) of ORD. The Agency will revise the standard if needed to protect the public health and welfare.	<u>Final review of criteria document completed.</u> <u>Court deadline of 2/95 for NPRM. Final rule by 3/96. Behind schedule; may need to obtain extension of deadline.</u>
*120-084.00	NAAQS - Carbon Monoxide 40 CFR 50.8	Call for Information 52 FR 27580 07/22/87 NOA 55 FR 14858 04/19/90 Regulatory Agenda 59 FR 21108 04/25/94	EPA will review ongoing studies on health effects of carbon monoxide and make a decision for or against a change in the NAAQS.	<u>NAAQS will not be revised; notice of this decision will be published 7/94.</u>
120-085.01	NESHAPs - Asbestos (Second Settlement Agreement) 40 CFR 61	Notice 58 FR 30784 05/27/93	EPA gives notice of a second proposed settlement agreement in litigation concerning an 11/20/90 final rule for NESHAPs for asbestos.	<u>Final agreement signed; will be published 7/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-085.03	Interpretive Rule for Roof Removal Operations under the Asbestos NESHAP 40 CFR 61	Interpretive rule 59 FR 31157 06/17/94	EPA issues an interpretive rule to clarify the CAA NESHAP for Asbestos as it affects roof removal operations.	<u>Effective 6/17/94.</u>
*120-093.01	NESHAPS - Hazardous Organics ("HON" Rule) - Determination of MACT "Floor" 40 CFR 63	NPRM 57 FR 62608 12/31/92 Comment period reopened 59 FR 11018 03/09/94 Final rule 59 FR 29196 06/06/94	In its 4/22/94 final rule, EPA deferred taking final action regarding provisions applicable to medium storage vessels due to the need to resolve an issue of statutory interpretation of Sect. 112(d)(3)(A). EPA now makes a maximum achievable control technology (MACT) "floor" decision in this rulemaking that will have broad precedential effect.	<u>Effective 6/6/94.</u>
120-103.00	NESHAPS - Organic Solvent Degreasing 40 CFR 63	NPRM 58 FR 62566 11/29/93 Planned NPRM 59 FR 21143 04/25/94	EPA proposes to regulate the emissions of certain organic hazardous air pollutants from new and existing halogenated solvent cleaning machines under Sect. 112 of the CAA.	Final rule 11/94.
120-113.03	Methods for Measurement of Opacity - Addition to Appendix M 40 CFR 51	NPRM 57 FR 46114 10/07/92	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 11/94.
120-115.01	NSPS - Municipal Waste Combustors (Phases II and III) 40 CFR 60	Planned NPRM 59 FR 21117 04/25/94	EPA will set standards of performance and emission guidelines for new and existing municipal waste combustors. The standards for both large (Phase II) and small (Phase III) combustors have been combined into one set of standards.	NPRM 9/94. Final rule 9/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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120-116.00	NSPS - Municipal Landfills 40 CFR 60	NPRM 56 FR 24468 05/30/91 NOA 58 FR 33790 06/21/93 Regulatory Agenda 59 FR 21142 04/25/94	EPA proposes to add subpart WW to 40 CFR 60 for control of new sources and proposes emission guidelines and compliance schedules for existing sources under subpart C. Subpart WW 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 7/94.
120-117.01	NESHAPs for Benzene Waste Operations - Alternative Compliance Options 40 CFR 61	ANPRM 58 FR 15457 03/23/93	EPA may propose an alternative compliance option to the NESHAPs for benzene waste operations applicable to chemical manufacturing plants, coke by-product recovery plants, petroleum refineries, and facilities at which waste treatment units are used to treat, store, or dispose of waste generated by any of the above. The alternative compliance option would be based on site-specific risk assessments.	If proceed with NPRM, will issue it 10/94.
120-118.03	Radionuclides NESHAPs - Subpart I Rescinded for Facilities Other Than Nuclear Power Reactors 40 CFR 61	NPRM 56 FR 6339 02/15/91 Final rule 56 FR 18735 04/24/91 NPRM 57 FR 43173 09/18/92 NPRM 57 FR 56877 12/01/92 Notice 57 FR 58018 12/08/92 Correction 57 FR 60778 12/22/92 Notice 59 FR 4228 01/28/94 Regulatory Agenda 59 FR 21140 04/25/94	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. On 1/28/94 EPA confirms that Subpart I of 40 CFR 61, NESHAPs for radionuclide emissions, is presently in effect for facilities licensed by NRC except for commercial nuclear power reactors and all federal facilities not operated by DOE.	Final rule on hold until at least 12/94. Stay of Subpart I expired 11/15/92. Subpart I is now in effect.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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120-118.04	Radionuclides NESHAPs - Subpart I Rescinded for Nuclear Power Reactors 40 CFR 61	ANPRM 56 FR 10524 03/13/91 NPRM 56 FR 37196 08/05/91 Regulatory Agenda 59 FR 21140 04/25/94	EPA proposes to rescind Subpart I as it applies to nuclear power reactors.	Final rule 9/94.
*120-118.06	Radionuclides NESHAPs - Subpart T Rescinded for Uranium Mill Tailings Sites 40 CFR 61 40 CFR 192	NPRM 56 FR 67561 12/31/91 Proposed settlement 58 FR 17230 04/01/93 Supplemental NPRM 59 FR 5674 02/07/94 Regulatory Agenda 59 FR 21144 04/25/94	EPA proposes to rescind Subpart T as it applies to owners/operators of uranium mill tailings disposal sites licensed by NRC. The proposal does not concern sites under DOE control. EPA gives notice of a proposed settlement in litigation involving this NESHAPs rule. NRC issues a supplemental proposal that describes and invites comment on provisions for reconsideration of rescission and reinstatement of Subpart T and describes relevant events that have occurred since the 12/31/91 proposal.	Final rule 7/94.
120-137.01	Application Sequence for Section 179 Sanctions Under Section 110(k) - Non-Attainment Areas 40 CFR 52	NPRM 58 FR 51270 10/01/93 Regulatory Agenda 59 FR 21145 04/25/94	EPA proposes a rule governing the order in which Sect. 179 sanctions shall apply to state non-attainment areas after EPA makes a Sect. 110(k) finding specific to any SIP.	Final rule 8/94.
*120-137.02	Revision of SIP Completeness Criteria 40 CFR 51	Planned NPRM 59 FR 21114 04/25/94	EPA will establish completeness criteria for commitments in light of EPA's conditional approval authority under Sect. 110(k)(4). Also, EPA will propose to remove the parallel processing exception from the criteria and revise the definition of "official submittal" from a state.	NPRM 10/94. Final rule 10/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-137.03	Application Sequence for Section 179 Sanctions under Section 110(k) - Title V Operating Permit Program 40 CFR 71	Planned NPRM 59 FR 21115 04/25/94	Sect. 502 of the CAA mandates the Administrator to apply Sect. 179 sanctions in those cases where a SIP has not been submitted, has been disapproved, is not being adequately administered or enforced, or has passed the point of expiration of interim approval. This action will streamline the process of deciding the order of application of these sanctions.	NPRM 10/94. Final rule 5/95.
120-149.00	NESHAPs - Asbestos Processing (MACT Revisions) 40 CFR 63	Planned NPRM 59 FR 21119 04/25/94	EPA is considering revising the asbestos NESHAP to require maximum achievable control technology standards for process sources such as milling, manufacturing, and fabrication industries.	NPRM 1/95. Final rule 11/95.
120-158.00	NSPS - Medical Waste Incineration 40 CFR 60	Planned NPRM 59 FR 21117; 21118 04/25/94	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 2/95. Final rule 4/96.
120-164.00	Ambient Air Monitoring Methods - Equivalent Method Designation	Notice 59 FR 29429 06/07/94	EPA designates an equivalent method for the determination of lead in suspended particulate matter collected from ambient air.	
120-167.01	Federal Operating Permit Programs - Permits for Early Reductions Sources 40 CFR 71	NPRM 58 FR 68804 12/29/93 Regulatory Agenda 59 FR 21145 04/25/94	Sources qualifying for a compliance extension under the Early Reductions Rule of 12/29/92 must obtain a permit listing an emission limit to ensure the early reductions are maintained and federally enforceable. This rule would establish an interim permitting mechanism for such sources.	Final rule 10/94.
*120-167.02	NESHAPs for HAPs for Source Categories - Early Reductions Program High Risk List Amendment 40 CFR 63	NPRM 59 FR 32165 06/22/94	EPA proposes to delete acrylic acid from the list of high-risk pollutants designated as part of the 12/29/92 final rule on compliance extensions for early reductions of hazardous air pollutants.	<u>Comments by 8/8/94.</u>
*120-170.01	Ambient Air Quality Surveillance - Monitoring Data Reporting Requirements 40 CFR 58	NPRM 57 FR 46003 10/06/92	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.	<u>Final rule 8/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-171.00	Prevention of Significant Deterioration and New Source Review ("Update" Rule) 40 CFR 51 40 CFR 52	Planned NPRM 59 FR 21110 04/25/94	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 9/94. Final rule 9/95.
*120-172.02	Operating Permit Program Revisions 40 CFR 70	Planned NPRM 59 FR 21114 04/25/94	In response to litigation, EPA will propose revisions for restructuring the process for revising permits to provide more flexibility to industry and permitting agencies.	<u>NPRM 7/94.</u>
120-173.00	Enhanced Monitoring and Compliance Certification Regulations 40 CFR 64	NOA 56 FR 37700 08/08/91 NPRM 58 FR 54648 10/22/93 Planned NPRM 59 FR 21138 04/25/94	EPA proposes new regulations and certain amendments to several existing air pollution program regulations to require enhanced monitoring at significant emissions units of air pollution.	Final rule 10/94.
*120-175.02	Clean Fuel Fleet Programs -Vehicle Conversion Regulations 40 CFR 88	NPRM 58 FR 32474 06/10/93 Regulatory Agenda 59 FR 21138 04/25/94	EPA proposes regulations governing the conversion of conventional vehicles to meet clean fuel fleet vehicle requirements, heavy-duty standards for all vehicle/engine classes, and general provisions for state implementation of the clean fuel fleet program.	<u>Final rule signed 6/14/94, publish by 8/94.</u>
*120-178.00	Standards for Tank Vessel Loading Operations 40 CFR 90	NPRM 59 FR 25004 05/13/94	EPA proposes standards under Sect. 183(f) requiring RACT and NESHAPS under Sect. 112(d) requiring MACT to limit emissions of VOCs and HAPs from new and existing marine tank vessel loading and unloading operations.	Final rule 5/95.
*120-179.03	General Preamble - Requirements for SIP Submittals - Addendum for PM-10 Nonattainment Areas	Notice 57 FR 31477 07/16/92 Regulatory Agenda 59 FR 21141 04/25/94	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 nonattainment areas.	<u>Final addendum document for PM-10 7/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-181.00	Hazardous Air Pollutants - MACT and Emission Limits for Constructed, Reconstructed or Modified Major Sources 40 CFR 63 40 CFR 70	NPRM 59 FR 15504 04/01/94 Regulatory Agenda 59 FR 21119 04/25/94	EPA proposes procedures and requirements, including maximum achievable control technology (MACT), for constructed, reconstructed, or modified major sources of hazardous air pollutants (HAPs) under Sect. 112(g) of the CAA. EPA also proposes de minimis emission rates for all of the listed HAPs.	Final rule 4/95.
120-183.00	List of Substances and Threshold Quantities for Accidental Release Prevention 40 CFR 68	Supplemental notice 59 FR 4500 01/31/94 Correction 59 FR 11105 03/09/94	EPA defers action on threshold quantities for listed flammable substances when used solely for facility consumption as fuel and requests comment on the hazards associated with these and the appropriateness of the proposed exemption. Final action will be taken before or at the same time as action on RU# 120-184.00.	Final action 10/95.
120-184.00	Risk Management Programs for Chemical Accidental Release Prevention 40 CFR 68	NPRM 58 FR 54190 10/20/93 Regulatory Agenda 59 FR 21152 04/25/94	EPA proposes to require that risk management programs be implemented at facilities that manufacture, process, use, store, or otherwise handle regulated substances in quantities that exceed specified thresholds.	Final rule 10/95.
*120-187.00	Radionuclide Major Source Definition 40 CFR 63	Planned NPRM 59 FR 21120 04/25/94	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.	No schedule yet for NPRM; expect schedule in 8/94.
120-189.02	Acid Rain Program - Substitution and Reduced Utilization Regulations 40 CFR 72	NPRM 58 FR 60950 11/18/93 Regulatory Agenda 59 FR 21140 04/25/94	EPA has determined that the existing acid rain rules can be read to give utilities an ability to use substitution and reduced utilization plans to create excess, new allowances and is now proposing modifications to prevent the use of substitution and reduced utilization plans.	Final rule 8/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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120-190.00	Contractor Listing Regulations 40 CFR 15	Planned NPRM 59 FR 21139 04/25/94	The CAA, the CWA, 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 civil violations. This rule will indicate when and by whom this new authority will be exercised.	NPRM 11/94. Final rule 11/95.
*120-199.00	Monetary Award Regulations 40 CFR 65	NPRM 59 FR 22795 05/03/94	EPA proposes criteria and procedures for granting awards to persons who provide information or services which lead to a criminal conviction or a civil penalty for violations of the CAA.	Final rule 5/95.
120-200.00	Prior Notice of Citizen Suits Under Section 304 40 CFR 54	NPRM 58 FR 7870 02/10/93 Regulatory Agenda 59 FR 21147 04/25/94	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.	Final rule 8/94.
*120-201.00	Field Citation Issuance Regulations 40 CFR 59	NPRM 59 FR 22776 05/03/94	EPA proposes a rule to implement the newly authorized field citation enforcement program and establish fines and penalties for appropriate minor violations of the CAA.	Final rule 6/95.
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 10/94.
120-206.00	Acid Rain Opt-In Regulation - Combustion Sources 40 CFR 74	NPRM 58 FR 50088 09/24/93 Planned NPRM 59 FR 21110 04/25/94	To implement Sect. 410 of the CAA, EPA proposes procedures to allow SO ₂ combustion sources not otherwise affected by Title IV to "opt-in" to the allowance market system of the acid rain program. EPA will also propose procedures for process sources to "opt-in."	Final rule 11/94. NPRM for process sources 12/94. Final rule 8/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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*120-207.00	Guidance for States Making MACT Determinations When Lacking a Federal Standard 40 CFR 9 40 CFR 63	NPRM 58 FR 37778 07/13/93 Final rule 59 FR 26429 05/20/94	In the event that EPA fails to promulgate MACT standards on time, states are required under Sect. 112(j) of the CAA to establish case-by-case MACT compliance limits for every major source of emissions that would have been subject to a standard. EPA issues procedures and guidance to aid the states in making those compliance determinations.	<u>Rule and guidance effective 6/20/94.</u>
120-208.00	NESHAPs for Organic HAP Emissions from Off-Site Waste Operations 40 CFR 63	ANPRM 58 FR 66336 12/20/93 Planned NPRM 59 FR 21121 04/25/94	EPA will specify maximum control technology (MACT) and emission standards 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 10/94.
120-209.00	Federal Operating Permit Rules in Lieu of State Programs 40 CFR 71	Planned NPRM 59 FR 21110 04/25/94	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 11/94. Final rule 11/95.
120-210.01	Acid Rain Nitrogen Oxides Control - Group I, Phase II Boilers 40 CFR 76	Planned NPRM 59 FR 21136 04/25/94	EPA issued nitrogen oxide emission requirements for Phase I tangentially-fired, dry bottom wall-fired boilers on 3/22/94. 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.	Phase II NPRM 1/96.
120-213.00	Test Methods for Measurement of VOC Capture Efficiency 40 CFR 51	NOA 57 FR 61897 12/29/92 Planned NPRM 59 FR 21116 04/25/94	The Reasonably Available Control Technology (RACT) fix up rule requires states to adopt enforceable VOC rules. An accurate technique for determining capture efficiency (CE) was not available in the past. This action would add seven methods to determine VOC emissions from stationary sources.	NPRM 7/95. Interim final rule 12/95. Final rule undetermined.
*120-219.00	NOx and Smoke Emissions from Nonroad Compression Ignition Engines 40 CFR 9 40 CFR 89	NPRM 58 FR 28809 05/17/93 Final rule 59 FR 31306 06/17/94	EPA proposes standards for nitrogen oxide (NOx) and smoke emissions from new nonroad compression-ignition (CI) engines at or above 37 kilowatts with exclusions for certain types of engines.	<u>Effective 7/18/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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120-221.00	New Source Review Nonattainment Requirements Reform 40 CFR 51 40 CFR 52	Planned NPRM 59 FR 21111 04/25/94	To comply with the more stringent requirements in the CAA as amended for preconstruction review of new and modified major sources in areas that have been designated as nonattainment, EPA plans to amend its new source review rules.	NPRM 1/95. Final rule 1/96.
*120-224.00	Greenhouse Gas Emissions and Reductions; Carbon Sequestration	Notice 58 FR 40116 07/27/93 NOA 59 FR 28345 06/01/94	DOE announces the availability of draft guidelines for the voluntary reporting of greenhouse gas emissions, their reduction, and carbon fixation achieved through any measure. The guidelines assist parties in analyzing activities and determining emissions and reductions in order to report this data.	<u>Comments by 8/1/94.</u> <u>Final guidelines 11/94.</u>
		NOA 59 FR 33733 06/30/94	DOE announces the availability of a draft technical supporting document for the voluntary reporting of greenhouse gas emissions and reductions and of carbon sequestration in the agricultural sector.	<u>Comments by 8/1/94.</u>
*120-226.00	HON/RACT Interface Draft Guidance	NOA 58 FR 54136 10/20/93	EPA publishes draft guidance describing an option that states can consider in implementing Reasonably Available Control Technology (RACT). The guidance describes what EPA is calling "presumptive alternative RACT (PAR)" for emission points that are both affected by the hazardous organic NESHAP (HON) and subject to the implementation of RACT.	<u>Final guidance on hold.</u>
*120-227.00	Ambient Air Quality Surveillance Site Criteria for Open Path Analyzers 40 CFR 58	Planned NPRM 59 FR 21113 04/25/94	EPA will propose criteria governing the use of ambient air monitors which use a new method for monitoring the air called the open path analyzer. The analyzer can measure pollutants over a "path" of several meters rather than a single point source.	NPRM 9/94. Final rule 1/95.
120-228.00	Consolidated Emission Reporting 40 CFR 51	Planned NPRM 59 FR 21113 04/25/94	EPA will propose to streamline and consolidate the reporting requirements for the emission statement, periodic emission inventory, and statewide inventory programs.	NPRM 8/94. Final rule 6/95.
*120-229.00	Addition of Test Method 205 to Appendix M of 40 CFR 51 40 CFR 51	Planned NPRM 59 FR 21113 04/25/94	EPA will propose to add test method 205, "Verification of Gas Dilution Systems for Field Instrument Calibration," to Appendix M of 40 CFR 51.	NPRM 10/94. Final rule 2/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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120-231.00	Oil And Gas Production MACT and NESHAP 40 CFR 63	Planned NPRM 59 FR 21122 04/25/94	EPA will propose MACT and NESHAPs for HAP emissions from gas/liquid separators, natural gas processing operations, glycol dehydration units and reboilers, crude oil storage tanks, and wastewater treatment facilities.	NPRM 2/95. Final rule 2/96.
120-232.01	Criteria and Procedures for Determining Transportation Conformity in Attainment Areas 40 CFR 51 40 CFR 93	Planned NPRM 59 FR 21130 04/25/94	This rule would require the transportation plans, programs, and projects to conform to the State Implementation Plan in certain attainment areas. The concurrence of the Department of Transportation will be required.	NPRM undetermined.
*120-232.02	Conformity; General Preamble for Exemption from Nitrogen Oxides Provisions	Notice 59 FR 31238 06/17/94	EPA issues a general preamble to clarify how certain nonclassifiable ozone nonattainment areas may be exempted from the conformity rules' nitrogen oxides requirements under the CAA.	
120-233.00	NESHAPs for Chromium Emissions from Chromium Electroplating and Anodizing Tanks 40 CFR 63	NPRM 58 FR 65768 12/16/93 Regulatory Agenda 59 FR 21142 04/25/94	EPA proposes standards to limit chromium emissions from new and existing hard and decorative chromium electroplating and chromium anodizing tanks. The sources must achieve an emissions level consistent with the MACT. EPA also proposes methods 306, 306A, and 306B to demonstrate compliance with the standards.	Final rule 11/94.
*120-238.00	Ozone Design Value Study of the 1990 CAA Amendments	NOA 59 FR 11787 03/14/94	EPA announces the availability of the draft "Clean Air Act Ozone Design Value Study," which focuses on EPA's ozone design value methodology used to classify ozone non-attainment areas under the CAA.	<u>Final document</u> <u>undetermined.</u>
120-239.00	Lesser Quantity Emission Rates for Hazardous Air Pollutants 40 CFR 63	Planned ANPRM 59 FR 21108 04/25/94	EPA will establish lesser-quantity emission rates (LQERs), emission rates of less than 10 tons per year, to define sources emitting a pollutant at greater than its LQER as a major source. For pollutants for which an LQER is warranted, sources emitting that pollutant at a higher emission rate than the LQER would be subject to the requirements for major sources.	ANPRM 10/94. NPRM 2/96. Final rule undetermined.
120-240.00	Air Quality Planning and Management - Indian Tribes as States 40 CFR 35	Planned NPRM 59 FR 21115 04/25/94	EPA will specify the CAA provisions for which it is appropriate to treat Indian tribes as states and establish the requirements they must meet if they choose to seek such treatment.	NPRM 7/94. Final rule undetermined.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
120-241.00	Amendment of Methods 23 (Dioxin Emissions) and 301 (Field Validation) 40 CFR 60 40 CFR 63	Planned NPRM 59 FR 21116 04/25/94	EPA will correct errors and clarify some of the existing quality assurance requirements under Method 23 for the measurement of dioxin emission from stationary sources. EPA will also clarify field validation procedures for determining the quality of data for pollution measurement of various media.	NPRM 8/94. Final rule 1/95.
120-242.00	Revision of NSPS for Sulfur Dioxin 40 CFR 60	Planned NPRM 59 FR 21117 04/25/94	EPA will propose to revise the NSPS for sulfur dioxins to reflect changes in Sect. 111 of the CAA. The revised emission limitations are to result in emissions compliance with the existing NSPS.	NPRM 5/96.
*120-243.00	Amendments to Part 63 to Establish Provisions for Determining Potential to Emit HAPs 40 CFR 63	Planned NPRM 59 FR 21125 04/25/94	EPA will propose provisions to enable stationary sources to establish federally enforceable controls to limit their "potential to emit" hazardous air pollutants. These provisions would help sources determine whether they are subject to new federal air toxics regulations and permitting requirements under Title V.	NPRM 7/96. Final rule 11/96.
*120-244.00	State Implementation Plan Processing Reform 40 CFR 52	Procedural change 59 FR 24054 05/10/94	EPA announces changes being implemented for processing direct final State Implementation Plan actions under the CAA.	<u>Effective 5/10/95.</u>
*120-245.00	Acid Rain Provisions - Guidance	NOA 59 FR 25049 05/13/94	EPA announces the availability of guidance to assist in determining if the CAA Acid Rain Program sulfur dioxide requirements apply to specific steam and electric generating units.	
*120-503.01	Recycling Program for Ozone-Depleting Substances (Refrigerant Recycling) 40 CFR 82	Notice 59 FR 30584 06/14/94	EPA announces a proposed settlement agreement concerning litigation instituted against EPA regarding refrigerant recycling regulations issued by EPA under Sect. 608. The proposed agreement provides that EPA will undertake a rulemaking to revise certain provisions of the regulations.	<u>Next action undetermined.</u>
*120-507.01	Stratospheric Ozone Protection - Labeling 40 CFR 82	NPRM 58 FR 69568 12/30/93 Regulatory Agenda 59 FR 21147 04/25/94	EPA proposes to amend existing labeling regulations by: (1) adding an exemption when destruction of controlled substances takes place and for spare parts that are used in repair and (2) making revisions to clarify the labeling of waste in addition to other minor clarifying revisions.	<u>Final rule 7/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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*120-510.02	Administrative Changes to Facilitate the Phaseout of Ozone Depleting Chemicals 40 CFR 84	Planned NPRM 59 FR 21136 04/25/94	Sect. 604 of the amended CAA requires the phaseout of all ozone depleting substances. This rulemaking will enact administrative changes in recordkeeping and reporting requirements to facilitate the phaseout of these chemicals.	<u>NPRM 8/94. Final rule</u> <u>12/94.</u>
*120-513.00	Leak Repair Provisions, Equipment Standards, and Scope of Chemicals to be Recycled 40 CFR 82	Planned NPRM 59 FR 21137 04/25/94	Pursuant to Sect. 608, EPA will amend the leak repair provisions of existing rules for industrial process refrigeration, impose equipment standards for recycling recovery machines, and include requirements to recycle additional chemicals.	<u>NPRM 10/94. Final rule</u> <u>10/95.</u>
*120-514.00	Grandfathering Requirements for Technician Certification Program for National Recycling 40 CFR 82	Planned NPRM 59 FR 21137 04/25/94	EPA will amend the conditions by which technicians would become grandfathered into an existing rule which requires all service air-conditioning and refrigeration technicians to become certified as trained technicians.	<u>NPRM 8/94. Final rule</u> <u>11/95.</u>
NUCLEAR WASTE POLICY ACT				
700-019.01	Emergency Planning Licensing Requirements for ISFSI and MRS Facilities 10 CFR 72	NPRM 58 FR 29795 05/24/93 Regulatory Agenda 59 FR 21471 04/25/94	NRC proposes emergency planning and licensing requirements for independent spent fuel storage installations (ISFSI) and monitored retrievable storage facilities (MRS) to ensure that local authorities will be notified in the event of an accident so that they may take appropriate action.	Final rule 12/94.
700-022.00	HLW Disposal in Geologic Repositories - EPA and NRC Conforming Amendments 10 CFR 60	NPRM 51 FR 22288 06/19/86 Regulatory Agenda 59 FR 21461 04/25/94	NRC proposes to conform its regulations for disposal of high-level radioactive wastes in geologic repositories to EPA standards as mandated by the NWPA. The EPA HLW standards, however, have been invalidated by a federal court.	On hold pending promulgation of revised HLW standards by EPA. Deadline for NRC action 12/96.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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 07/13/90 Correction 55 FR 32639 08/10/90 Planned NPRM 59 FR 21463 04/25/94	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 8/94. Final rule 7/95.
*700-083.00	Interim Storage of Spent Fuel in an ISFSI - Site-Specific License 10 CFR 2 10 CFR 72	NPRM 58 FR 31478 06/03/93 Regulatory Agenda 59 FR 21473 04/25/94	NRC proposes to amend its procedures under which the Director of Materials Safety and Safeguards can issue a site-specific license to a qualified applicant for the interim storage of spent fuel in an independent spent fuel storage installation (ISFSI) following satisfactory completion of safety and environmental reviews to eliminate the need for express Commission authorization for each ISFSI license.	<u>Final rule 9/94.</u>
700-086.00	HLW Disposal in Repositories - Potentially Adverse Conditions, Performance Objectives 10 CFR 60	NPRM 58 FR 36902 07/09/93 Regulatory Agenda 59 FR 21472 04/25/94	NRC proposes to clarify that the adequacy of a license applicant's investigations and evaluations of potentially adverse conditions will be judged in terms of their significance to compliance with post-closure performance objectives.	Final rule 10/94.
700-088.00	ISFSI and MRS - Notification of Incidents 10 CFR 72	NPRM 58 FR 48004 09/14/93 Regulatory Agenda 59 FR 21472 04/25/94	NRC proposes reporting requirements regarding the notification of events related to radiation safety at independent spent fuel storage installations (ISFSI) and monitored retrievable storage (MRS) facilities to ensure that significant occurrences are promptly reported to NRC.	Final rule 8/94.
700-091.00	DOE Request for Vitrified HLW Container Exemption 10 CFR 71	Petition for rulemaking 59 FR 8143 02/18/94	NRC announces the receipt of a petition from DOE requesting that NRC amend its regulations governing the packaging and transport of radioactive materials to exempt canisters containing vitrified HLW from the double containment requirement.	Next action undetermined.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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*700-092.00	Waste Acceptance Issues	Notice of inquiry 59 FR 27007 05/25/94	DOE requests the views of affected parties regarding (1) the continued storage of spent nuclear fuel at commercial reactor sites beyond 1998; (2) the need for an interim, away-from-reactor storage facility prior to repository operations; and (3) options for offsetting a portion of the financial burden for storing spent fuel at reactor sites beyond 1998.	<u>Comments by 9/22/94.</u>
*700-093.00	List of Approved Spent Fuel Storage Casks - Addition 10 CFR 72	NPRM 59 FR 28496 06/02/94	NRC proposes to add the Standardized NUHOMS Horizontal Modular Storage System to the list of NRC approved casks for spent fuel storage in 10 CFR 72.214.	<u>Comments by 8/16/94.</u> <u>Final rule undetermined.</u>
LOW-LEVEL RADIOACTIVE WASTE (LLW) POLICY AMENDMENTS ACT				
740-003.00	Environmental Protection Standards for LLW Disposal 40 CFR 193	ANPRM 48 FR 39563 08/31/83 Planned NPRM 59 FR 21084 04/25/94	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 10/94. Final rule 12/95.
*740-021.00	Low-Level Waste Manifest Information and Reporting 10 CFR 20 10 CFR 61	NPRM 57 FR 14500 04/21/92 Regulatory Agenda 59 FR 21462 04/25/94	NRC 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. NRC also requests input on whether and how to establish a national data base for LLW.	<u>Final rule 10/94.</u>
*740-027.00	Concentration Averaging and Encapsulation - Technical Position 10 CFR 61	NOA 57 FR 29105 06/30/92 NOA 58 FR 49333 09/22/93	In response to previous comments, NRC makes available a modified 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.	<u>Final position paper 8/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
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				
100-018.01	Radiation Site Cleanup Regulations 40 CFR 195	ANPRM 58 FR 54474 10/21/93 Planned NPRM 59 FR 21085 04/25/94	EPA announces that it is developing regulations to establish cleanup levels for sites, including federal facilities, contaminated with radionuclides subject to the AEA and CERCLA. EPA also makes available an Issues Paper and sets up an electronic bulletin board for information on this rulemaking. This regulation will be developed in coordination with NRC's parallel rulemaking on criteria for NRC-licensed sites (RU# 100-039.00).	NPRM 10/94. Final rule undetermined. NPRM on management of wastes generated from site cleanup 2/95.
100-033.00	Explanation to Table S-3, Uranium Fuel Cycle Environmental Data; Addition of Radon-222 and Technetium-99 Values 10 CFR 51	NPRM 46 FR 15154 03/04/81 Regulatory Agenda 59 FR 21459 04/25/94	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. The 3/4/81 PRM will be reissued as a proposed rule to add values for radon-222 and technetium-99 and to extensively revise the narrative explanation section.	Reproposed NPRM 2/95.
100-039.00	Residual Radioactive Decontamination Limits for Decommissioning 10 CFR 20	NOA 55 FR 6137 02/21/90 Notice; NOA 57 FR 58727 12/11/92 Notice 58 FR 33570 06/18/93 Notice 58 FR 37760 07/13/93 NOA 59 FR 4868 02/02/94 Planned NPRM 59 FR 21463 04/25/94	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, and announces its intent to prepare a generic environmental impact statement on the alternatives (see RU# 100-039.01). NRC opens an electronic bulletin board (BBS) to provide current rulemaking status information, background documents, summaries of public workshops, and an electronic method for members of the public to comment on the rulemaking.	NPRM 8/94. Final rule 8/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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*100-039.01	Residual Radioactive Decontamination Limits for Decommissioning - Environmental Impact Statement 10 CFR 20	NOI 58 FR 33570 06/18/93	NRC makes available a rulemaking issues paper and announces its intent to prepare a generic environmental impact statement on the alternatives for establishing radiological criteria for decommissioning.	Proposed generic EIS 8/94 (to be issued the same time as Nprm for RU# 100-039.00).
100-041.01	Radiation Protection Standards - Additional Options for LLW Disposal 10 CFR 20	Petition for rulemaking 58 FR 47676 09/10/93	NRC has received a petition requesting that NRC amend its regulations governing disposal of certain medical and research low-level radioactive wastes to provide additional options for the disposal of very low concentrations of certain short-lived radionuclides.	Next action 9/94.
*100-041.02	Standards for Protection Against Radiation - Generic Letter 10 CFR 20	Notice 58 FR 68170 12/23/93	NRC issues a draft generic letter providing guidance for the modification of technical specifications to reflect revisions to the "Standards for Protection Against Radiation" and "Technical Specifications on Effluents from Nuclear Power Reactors."	Final generic letter 8/94.
100-041.03	Standards for Protection Against Radiation - Radiation Protection Training 10 CFR 19 10 CFR 20	NPRM 59 FR 5132 02/03/94 Regulatory Agenda 59 FR 21467 04/25/94	NRC proposes amendments to 10 CFR parts 19 and 20 concerning standards for radiation protection to revise several definitions and a provision on radiation protection training.	Final rule 10/94.
100-041.04	Standards for Protection Against Radiation - Sanitary Sewer System Releases 10 CFR 20	ANPRM 59 FR 9146 02/25/94 Planned NPRM 59 FR 21459 04/25/94	NRC seeks information to determine whether an amendment to its regulations governing the release of radionuclides from licensed nuclear facilities to sanitary sewer systems is needed.	NPRM 3/95. Final rule 3/96.
100-053.00	Criteria for Extraordinary Nuclear Occurrence 10 CFR 140	NPRM 50 FR 13978 04/09/85 Regulatory Agenda 59 FR 51460 04/25/94	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 on hold; no schedule.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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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 02/11/93 Planned Nprm 59 FR 21085 04/25/94	EPA will propose compliance criteria for the WIPP. These criteria will be used by EPA in certifying whether or not the WIPP complies with 40 CFR 194.	NPRM 8/94. Final rule 8/95.
100-157.00	Transportation Regulations - Compatibility with IAEA 10 CFR 71	NPRM 53 FR 21550 06/08/88 Corrections 53 FR 23484 06/22/88 Regulatory Agenda 59 FR 21469 04/25/94	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 8/94.
*100-189.01	Criteria and Procedures for Determining Eligibility for Access to Classified Matter or Special Nuclear Material 10 CFR 710	NPRM 58 FR 64509 12/08/93 Regulatory Agenda 59 FR 20293 04/25/94	DOE proposes to clarify the criteria used to determine access authorization eligibility and implement the Department's decision to reassign personnel security Hearing Officer and Review functions, formerly performed by contractors, to DOE's Office of Hearings and Appeals.	Final rule 8/94.
*100-222.00	Code and Standards for Nuclear Power Plants 10 CFR 50	NPRM 59 FR 979 01/07/94 Regulatory Agenda 59 FR 21462 04/25/94	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.	Final rule 3/95.
100-233.00	Acceptability of Plant Performance for Severe Accidents 10 CFR 50	ANPRM 57 FR 44513 09/28/92 Planned Nprm 59 FR 21465 04/25/94	NRC 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 9/94. Final rule 9/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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100-249.00	Requirements for Possession of Industrial Devices 10 CFR 31 10 CFR 32	NPRM 56 FR 67011 12/27/91 Regulatory Agenda 59 FR 21469 04/25/94	NRC proposes to amend the regulations for the possession of industrial devices containing byproduct material to require device users to report to the NRC 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 12/94.
*100-252.00	Import and Export of Radioactive Waste 10 CFR 110	ANPRM 55 FR 4181 02/07/90 NPRM 57 FR 17859 04/28/92 Regulatory Agenda 59 FR 21463 04/25/94	NRC 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 9/94.
100-265.00	Nuclear Plant License Renewal - Environmental Effects 10 CFR 51	ANPRM 55 FR 29964 07/23/90 NOI 55 FR 29967 07/23/90 NPRM 56 FR 47016 09/17/91 NOA 56 FR 47500 09/19/91 Regulatory Agenda 59 FR 21470 04/25/94	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 3/95.
*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 01/13/93 Regulatory Agenda 59 FR 21470 04/25/94	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.	Final rule 8/94.

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*100-283.00	Regulatory Guides	NOA 59 FR 4730 02/01/94	NRC issues draft Regulatory Guide DG-0003, "Guide for the Preparation of Applications for Licenses for Non-Self-Contained Irradiators," to provide guidance on preparing license applications to possess radioactive material in panoramic dry-source-storage, wet-source-storage, and underwater irradiators.	<u>Comments by 10/1/94.</u>
		NOA 59 FR 24185 05/10/94	NRC announces the availability of proposed Revision 3 to Regulatory Guide 5.52, "Standard Format and Content of a Licensee Physical Protection Plan for Strategic Special Nuclear Material at Fixed Sites (Other than Nuclear Power Plants)."	<u>Comments by 8/25/94.</u>
		NOA 59 FR 33026 06/27/94	NRC issues a draft guide, DG-1031, which is a proposed revision to regulatory guide 1.160, "Monitoring the Effectiveness of Maintenance at Nuclear Power Plants."	<u>Comments by 8/25/94.</u>
*100-284.00	Radiation Protection of the Public and Environment 10 CFR 834	Notice 56 FR 67066 12/27/91 NPRM 58 FR 16268 03/25/93 Regulatory Agenda 59 FR 20299 04/25/94	DOE proposes 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.	<u>Final rule 9/94; at OMB.</u>
*100-289.01	Occupational Radiation Protection - Amendment 10 CFR 835	Planned NPRM 59 FR 20298 04/25/94	DOE will propose to amend Part 835 to include several items not previously covered such as sealed radioactive source accountability and control, and surface contamination values for tritium.	<u>NPRM 12/94.</u>
100-290.00	Nuclear Safety Management 10 CFR 830	NPRM 56 FR 64316 12/09/91 Clarification of NPRM 57 FR 20796 05/15/92 Partial final rule 59 FR 15843 04/05/94	DOE establishes 10 CFR part 830 which contains requirements for the safe management of contractor/subcontractor work at DOE nuclear facilities. This partial final rule adopts the sections on generally applicable provisions and the provisions for developing and implementing a formalized quality assurance program. DOE will issue final rules on the remaining sections as it completes its analysis of the sections.	Remainder of final rule by 11/94.

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*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.	<u>Draft guidance 7/94.</u> <u>Final guidance 7/95.</u>
*100-293.00	NUREG Documents - Availability	NOA 59 FR 24184 05/10/94	NRC announces the availability of Final Revision 3 to the Standard Review Plan for the Review of a License Application for a Low-Level Radioactive Waste Disposal Facility (NUREG-1200).	<u>Comments at any time.</u> <u>Document is effective as of 3/94.</u>
100-293.01	NUREG Reports Availability - Conducting Radiological Surveys	NOA 57 FR 33374 07/28/92	NRC announces the availability of draft NUREG/CR-5849, "Manual for Conducting Radiological Surveys in Support of License Termination."	Final document publication date 8/95.
100-297.00	Nuclear Safety Management - Phase II 10 CFR 830	Planned NPRM 59 FR 20297 04/25/94	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 10/95.
100-303.00	Nuclear Power Plants - Reactor Site Criteria 10 CFR 50 10 CFR 52 10 CFR 100	NPRM 57 FR 47802 10/20/92 Regulatory Agenda 59 FR 21471 04/25/94	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.	Reproposed NPRM 10/94. Final rule 10/95.
100-304.00	Licensing of Source Material - Reporting Requirements for Transfer of Small Quantities of Radioactive Materials 10 CFR 40	ANPRM 57 FR 48749 10/28/92 Planned NPRM 59 FR 21458 04/25/94	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.	NPRM 10/94. Final rule 6/95.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
100-306.00	Accessible Air Gap For Generally Licensed Devices 10 CFR 31 10 CFR 32	NPRM 57 FR 56287 11/27/92 Regulatory Agenda 59 FR 21470 04/25/94	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.	Final rule 7/94.
100-307.00	Fracture Toughness Requirements for LWR Pressure Vessels 10 CFR 50	Planned NPRM 59 FR 21463 04/25/94	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.	NPRM 8/94. Final rule 8/95.
*100-309.00	Availability of Official Records 10 CFR 2	NPRM 57 FR 61013 12/23/92 Regulatory Agenda 59 FR 21461 04/25/94	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 10/94.
*100-312.00	Low Specific Activity Wastes Contaminated with Special Nuclear Material - Exemption 10 CFR 150	Petition for rulemaking 58 FR 9552 02/22/93	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.	Decision on action on petition 11/94.
*100-316.00	Licensing of Exports of Alpha-Emitting Radionuclides and Byproduct Material 10 CFR 110	NPRM 58 FR 14344 03/17/93 Regulatory Agenda 59 FR 21471 04/25/94	NRC proposes to amend its general licenses for the export of special nuclear material to conform the U.S. export controls to international guidelines and treaty obligations. NRC also proposes that Appendix A to Part 110 be restructured for clarification and to emphasize the distinction between nuclear reactor equipment controlled by NRC and DOE.	Final rule 9/94.
100-318.00	Design/Performance Criteria for Sealed Sources Used in Well Logging 10 CFR 39	Planned NPRM 59 FR 21458 04/25/94	NRC will propose to allow the continued use by well logging licensees of sealed sources that were approved by accepted prototype testing before 7/14/89 and previously evaluated and approved sealed sources. Current regulations unintentionally excluded these sources.	NPRM 8/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-319.00	Reporting Requirements for Transfer of Products to Persons Exempt From Licensing Requirements 10 CFR 32	Planned NPRM 59 FR 21458 04/25/94	NRC will propose to reinstate the annual reporting requirement for transfer of products containing small quantities of radioactive material to persons exempt from licensing requirements.	<u>Incorporated into RU# 100-304.00.</u>
*100-325.00	Radiological Emergency Planning and Preparedness 44 CFR 351	NPRM 58 FR 41154 08/02/93 Regulatory Agenda 59 FR 21172 04/25/94	FEMA proposes to establish the policies, procedures, and framework for the coordination and provision of technical assistance in radiological emergency planning and preparedness to state and local governments for all types of peacetime radiological emergencies. DOE is a member of the coordinating committee.	<u>Final rule 10/94.</u>
100-328.00	Protection Against Malevolent Use of Vehicles at Nuclear Power Plants 10 CFR 73	NPRM 58 FR 58804 11/04/93 Correction 58 FR 59965 11/12/93 Regulatory Agenda 59 FR 21474 04/25/94	NRC proposes to amend its physical protection regulations to enhance reactor safety by protecting against the malevolent use of a vehicle to gain unauthorized proximity to vital areas.	<u>Final rule 8/94.</u>
100-330.00	Standards for Certification of DOE Uranium Enrichment Gaseous Diffusion Facilities 10 CFR 19-21 10 CFR 26 10 CFR 51 10 CFR 70-71 10 CFR 73-74 10 CFR 76 10 CFR 95	NPRM 59 FR 6792 02/11/94 Regulatory Agenda 59 FR 21467 04/25/94	NRC proposes to amend its regulations to add a new part that would include requirements for the certification and operation of the DOE owned gaseous diffusion plants that enrich uranium.	<u>Final rule 10/94.</u>
*100-334.00	Petition to Lower Annual Dose Limits for General Public 10 CFR 20	Petition for rulemaking 59 FR 17746 04/14/94	NRC announces the receipt of a petition requesting that NRC amend its regulations in 10 CFR 20 to lower the annual dose limit of ionizing radiation received by the general public from 100 mrem/yr to 1 mrem/yr.	<u>Next action undetermined.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-336.00	Federal Radiation Protection Guidance for Exposure of the General Public	Planned NPRM 59 FR 21085 04/25/94	EPA will update and replace existing Presidential guidance, issued in 1960, for all federal agencies in the formulation of radiation standards for protection of the public from ionizing radiation.	NPRM 7/94. Final rule 7/95.
*100-337.00	Decommissioning of Nuclear Power Reactors 10 CFR 50	Planned NPRM 59 FR 21459 04/25/94	NRC would amend the decommissioning procedures that lead to the termination of an operating license for a nuclear power plant and release of the property for unrestricted use to clarify ambiguities and codify practices which have been used for licensees on a case-by-case basis.	NPRM 10/94.
100-338.00	Land Ownership Requirements for Low-Level Waste Sites 10 CFR 61	Planned ANPRM 59 FR 21459 04/25/94	EPA will request public comment on allowing a licensee to own land that is used for a low-level waste disposal site. Current regulations require federal or state ownership of such land. Utah used an exemption provision to allow Envirocare to own the site.	ANPRM undetermined.
*100-339.00	Emergency Planning under 10 CFR 52 - Commission Paper 10 CFR 52	NOA 59 FR 26530 05/20/94	NRC announces the availability of a draft Commission paper entitled "Emergency Planning Under 10 CFR Part 52," which describes NRC's views on how emergency planning requirements will be addressed at each phase of nuclear power plant licensing.	Comments by 8/19/94.
*100-340.00	Comparative Study of WIPP Transportation Alternatives	NOA 59 FR 23057 05/04/94	DOE announces the availability of a study comparing the alternatives for transporting transuranic radioactive wastes to the Waste Isolation Pilot Plant (WIPP) in Southeastern New Mexico.	
*100-341.00	Advance Notice of Nuclear Waste Shipments - State Designees 10 CFR 71	Notice 59 FR 31652 06/20/94	NRC publishes an updated list of individuals in each state who are to receive advance notification of nuclear waste shipments.	
		Notice 59 FR 33793 06/30/94	NRC publishes an updated list of individuals in each state who are to receive advance notification of nuclear waste shipments.	

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
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 09/24/87 Regulatory Agenda 59 FR 21085 04/25/94	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 9/94.
*930-034.00	Uranium Mill Tailing Sites - Remedial Action Program and Annotation of Land Records 10 CFR 764	NPRM 54 FR 29732 07/14/89 Regulatory Agenda 59 FR 20300 04/25/94	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.	Final rule 11/94.
*930-038.01	Health and Safety Standards - Conforming NRC Requirements to EPA Standards 10 CFR 40	NPRM 58 FR 58657 11/03/93 Final rule 59 FR 28220 06/01/94	NRC amends its regulations governing the disposal of uranium mill tailings to conform them to regulations proposed by EPA at 40 CFR 192 (RU# 120-118.06).	Effective 7/1/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
TOXIC SUBSTANCES CONTROL ACT				
*920-016.00	Asbestos Manufacture, Importation, Processing and Distribution Prohibitions 40 CFR 763	NPRM 51 FR 3738 01/29/86 Final rule 54 FR 29460 07/12/89 Technical amendment 54 FR 46897 11/08/89 Notice 58 FR 58964 11/05/93 Technical amendment 59 FR 33208 06/28/94	EPA prohibits, at staged intervals, the future manufacture, importation, processing, and distribution in commerce of asbestos in almost all products and requires that asbestos-containing products that are subject to the bans be labeled to promote compliance with and enforcement of the rule. EPA announces its factual determinations concerning the regulatory status of asbestos-containing product categories originally banned in the 7/12/89 final rule, parts of which were subsequently vacated and remanded by the Court. The Court noted that the rule continued to govern those products that were not being manufactured, imported, or processed on 7/12/89. EPA now lists the six product categories which fall into this category.	Final rule effective 10/25/89.
920-053.00	Negotiated Consent - Procedural Test Rules 40 CFR 790	Planned NPRM 59 FR 21066 04/25/94	EPA plans to propose appropriate procedural changes to reduce the resources required for consent order negotiation.	NPRM 9/95.
920-064.01	Comprehensive Assessment Information Rule 40 CFR 704	NPRM 58 FR 63134 11/30/93 Regulatory Agenda 59 FR 21074 04/25/94	EPA proposes revising 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.	Final rule 12/94.
920-076.00	Termination of PCBs Storage and Disposal Approvals ("Revocation Rule") 40 CFR 761	NPRM 55 FR 46470 11/02/90 Regulatory Agenda 59 FR 21072 04/25/94	EPA proposes a rule establishing criteria and procedures for the suspension and revocation of PCB storage and disposal approvals.	Final rule on hold indefinitely.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*920-092.00	Chemical Test Data	Notice 59 FR 23061 05/04/94	EPA announces the receipt of chemical test data on methylethylketoxime (MEKO) submitted pursuant to a final test rule under TSCA.	
		Notice 59 FR 27547 05/27/94	EPA announces the receipt of chemical test data on tetrabromobisphenol-A and decabromodiphenyloxide submitted pursuant to a final test rule under TSCA.	
		Notice 59 FR 33291 06/28/94	EPA announces the receipt of chemical test data on N-methylpyrrolidone (NMP) submitted pursuant to a testing consent order under TSCA.	
920-113.00	ATSDR Substances Test Rule 40 CFR 795-799	Planned NPRM 59 FR 21066 04/25/94	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 by ATSDR in toxicity profiles of chemicals prepared pursuant to SARA.	NPRM 12/94.
920-125.00	PCBs Disposal Amendments 40 CFR 761	ANPRM 56 FR 26738 06/10/91 NOA 56 FR 26745 06/10/91 Planned NPRM 59 FR 21068 04/25/94	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 11/94.
*920-130.00	Metabolism and Pharmacokinetic Test Guideline 40 CFR 798	NPRM 56 FR 32537 07/17/91	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.	<u>Final rule 1/95.</u>
920-132.00	PCB Transformer Reclassification Rule 40 CFR 761	NPRM 58 FR 60970 11/18/93 Regulatory Agenda 59 FR 21073 04/25/94	EPA proposes to 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.	Final rule 11/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*920-137.03	PAIR and Health and Safety Data Reporting - Addition of 24 Chemicals 40 CFR 712 40 CFR 716	Final rule 58 FR 68311 12/27/93 Stay of final rule 59 FR 14115 03/25/94	EPA stays the 12/27/93 final rule as it applies to chemicals under the category of propylene glycol ethers and esters in order to resolve certain issues and determine those chemical substances on which reporting will be required.	<u>Stay of final rule effective 3/25/94. No further action planned.</u>
920-138.00	Lead Hazard Standards 40 CFR 745	Planned NPRM 59 FR 21064 04/25/94	EPA will identify the paint conditions and lead levels in dust and soil that would result in adverse human health effects.	NPRM 9/94. Final rule 9/95.
920-139.00	Prohibition of Hexavalent Chromium in Cooling Towers - TSCA Export Notification 40 CFR 749	NPRM 58 FR 63148 11/30/93 Regulatory Agenda 59 FR 21073 04/25/94	EPA proposes an amendment to the TSCA hexavalent chromium rule to narrow the Agency's interpretation of TSCA Sect. 12(b) as it applies to the rule. Export notification would be required only for hexavalent chromium water treatment chemicals rather than any compound containing hexavalent chromium.	Final rule 11/94.
920-144.00	Lead-Based Paint Training, Accreditation, and Certification 40 CFR 745	Planned NPRM 59 FR 21065 04/25/94	EPA will propose training, accreditation, and certification programs governing lead-based paint activities and a model state program which may be adopted by any state which seeks to administer and enforce a state program.	NPRM 8/94.
920-146.00	Refractory Ceramic Fiber - Significant New Use Rule 40 CFR 721	NPRM 59 FR 13294 03/21/94	EPA proposes a significant new use rule under section 5(a)(2) of TSCA requiring notification to EPA before the manufacture, import, or processing of refractory ceramic fiber in any new product form or any new application of an existing product form.	Final rule undetermined.
920-147.00	Hazardous Air Pollutants Multi-Chemical Endpoint Test Rule 40 CFR 789-795	Planned NPRM 59 FR 21062 04/25/94	In support of program and activities under the CAA, EPA will propose a multi-chemical endpoint test rule that will require the testing of many chemicals for a specific effect or endpoint. This type of rule is an alternative to single chemical rules which require testing of one chemical for many effects.	NPRM 12/94.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
920-148.00	Multi-Chemical Endpoint Test Rule for Bioaccumulators 40 CFR 799	Planned NPRM 59 FR 21066 04/25/94	This multi-chemical rule for persistent bioaccumulators will obtain environmental effects and chemical fate data on chemicals that are believed to persist and bioaccumulate in the environment, in particular, in sediments. EPA has identified over 30 chemicals for inclusion in this rule.	NPRM 9/94.
*920-149.00	Health and Safety Data Reporting - Removal of Two Chemicals 40 CFR 712 40 CFR 716	Final rule 59 FR 22519 05/02/94	EPA issues a final rule (no NPRM) removing diethyl phthalate and methyl methacrylate from the TSCA section 8(a) information gathering rule and diethyl phthalate from the section 8(d) health and safety data reporting rule.	<u>Effective 5/2/94.</u>
HAZARDOUS MATERIALS TRANSPORTATION ACT				
<p>Transportation Regulations - Compatibility with IAEA -- RU# 100-157.00</p> <p>Retention of Marking and Placards to Reduce Health and Safety Risks -- RU# 780-067.00</p>				
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 04/30/85 Extension of existing approvals 56 FR 8388 02/28/91 NPRM 58 FR 27257 05/07/93 Regulatory Agenda 59 FR 20814 04/25/94	RSPA proposes to permit the use of certain portable tanks to transport by rail hazardous materials that pose a relatively low or moderate hazard in container-on-flatcar (COFC) or trailer-on-flatcar (TOFC) service without obtaining prior approval from the FRA.	Extension of existing approvals effective 3/1/91. Final rule 10/94.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
400-033.01	Performance-Oriented Packaging Standards - Infectious Substances 49 CFR 171 40 CFR 172 40 CFR 173	Compliance date extended 58 FR 12182 03/03/93 ANPRM 58 FR 12207 03/03/93 Final rule 58 FR 66302 12/20/93 Regulatory Agenda 59 FR 20805 04/25/94	In response to petitions, RSPA extends the compliance date in the final rule of 12/20/91 applicable to performance-oriented packaging standards for infectious substances from 4/1/93 to 1/1/94, and announces that it intends to reexamine the Hazardous Materials Regulations (HMR) for infectious substances, including medical wastes, issued as part of a final rule on 12/20/91, to address issues and comments received on the need for additional action. RSPA issues a final rule extending from 1/1/94 to 10/1/94 the compliance deadline for requirements applicable to infectious substances under HMTA to provide more time to address comments.	Compliance date extended to 10/1/94. NPRM 10/94.
400-039.00	Pipeline Operator Qualifications 49 CFR 192 49 CFR 195	ANPRM 52 FR 9189 03/23/87 Planned NPRM 59 FR 20804 04/25/94	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 10/94.
400-044.00	Hazardous Materials - Intrastate Commerce 49 CFR 171-179	ANPRM 52 FR 24195 06/29/87 NPRM 58 FR 36920 07/09/93 Corrections 58 FR 38111 07/15/93 Regulatory Agenda 59 FR 20809 04/25/94	DOT proposes to extend the application of its hazardous material regulations (HMR) to all intrastate transportation of hazardous materials in commerce. This action is necessary to comply with the HMTUSA Act of 1990.	Final rule 1/96.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
400-057.00	Railroad Shipment of Hazardous Waste - Defects of Tank Car Tanks 49 CFR 173	ANPRM 52 FR 46510 12/08/87 NPRM 58 FR 48485 09/16/93 Regulatory Agenda 59 FR 20812 04/25/94	RSPA proposes to: (1) require QA programs at tank build/repair facilities, (2) require the use of nondestructive testing techniques for fusion welded tank cars, (3) require thickness measurements of tank cars, (4) allow the continued use of tank cars with reduced shell thicknesses, (5) revise the inspection/test intervals, and (6) clarify inspection requirements prior to and during transportation.	Final rule 9/95.
400-061.00	Highway Routing Standards for Hazardous Materials 49 CFR 397	ANPRM 53 FR 11618 04/07/88 NPRM 57 FR 39522 08/31/92 Regulatory Agenda 59 FR 20758 04/25/94	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 10/94.
400-062.01	Transportation Registration and Fee Assessment Program 49 CFR 107 49 CFR 171	NPRM 59 FR 15602 04/01/94	RSPA proposes changes to its national registration and fee assessment program for persons offering for transportation or transporting certain categories and quantities of hazardous materials in intrastate, interstate, and foreign commerce.	Final rule 4/95.
400-063.00	Excavation Damage-Prevention Programs for Pipelines 49 CFR 192 49 CFR 195	NPRM 53 FR 24747 06/30/88 Regulatory Agenda 59 FR 20809 04/25/94	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 10/94. Supplemental NPRM 10/94.
400-064.00	Maps and Records of Pipeline Location and Characteristics - State Notification 49 CFR 192 49 CFR 195	Planned NPRM 59 FR 20804 04/25/94	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 9/94. Final rule 9/95.

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400-080.00	Carriage of Bulk Solid Hazardous Materials Requiring Special Handling 49 CFR 97 49 CFR 148	ANPRM 54 FR 18308 04/28/89 Notice 55 FR 11481 03/28/90 NPRM 59 FR 17418 04/12/94	The U.S. Coast Guard proposes to amend its regulations for the carriage of certain bulk solid materials by adding materials carried under Coast Guard Special Permits and other materials in the International Maritime Organization Bulk Solids Code to the list of permitted materials.	Final rule 5/95.
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 59 FR 20812 04/25/94	RSPA proposes to revise its regulations to make them compatible with those of the IAEA for the safe transport of radioactive materials (see comparable NRC regulation RU# 100-157).	Final rule 10/94.
400-095.00	Elevated Temperature Materials 49 CFR 171 49 CFR 172 49 CFR 173	NPRM 54 FR 38930 09/21/89 Final rule 56 FR 49980 10/02/91 Compliance date delayed 56 FR 67542 12/31/91 Final rule amendment 58 FR 3344 01/08/93	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.	Final rule effective 3/30/92. Amendment effective 1/8/93. Classification and hazard communication requirements effective 10/1/93. Placarding requirements effective 10/1/94. Packaging closure requirements effective 3/30/95.

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400-097.00	Transportation of Hydrogen Sulfide by Pipeline 49 CFR 192	ANPRM 54 FR 24361 06/07/89 NPRM 56 FR 11490 03/18/91 Regulatory Agenda 59 FR 20813 04/25/94	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 eventually, in late 1994 or 1995.
400-099.00	Gas Pipelines Corrosion 49 CFR 192	NPRM 54 FR 27041 06/27/89 Regulatory Agenda 59 FR 20812 04/25/94	RSPA proposes to require gas pipeline operators who must now inspect for corrosion on buried metallic pipe that is exposed to investigate further to determine the full extent of any corrosion that is found.	Final rule on hold until late 1994.
400-109.00	Waterfront Facilities Handling Liquefied Hazardous Gas 33 CFR 126 33 CFR 127	NPRM 58 FR 51906 10/05/93 Regulatory Agenda 59 FR 20707 04/25/94	The Coast Guard proposes to amend its regulations for waterfront facilities capable of transferring liquefied hazardous gas, in bulk, to or from vessels.	Final rule 12/94.
*400-110.00	Hydrostatic Pressure Testing of Hazardous Liquid Pipelines 49 CFR 195	NPRM 56 FR 23538 05/22/91 Final rule 59 FR 29379 06/07/94	RSPA extends hydrostatic testing or the alternative reduction in maximum operating pressure to all hazardous liquid steel pipelines where maximum operating pressure has not been established in accordance with the requirements of 49 CFR 195.	Effective 7/7/94 except for 49 CFR 195.306(b) which takes effect 8/8/94.

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400-118.00	Crashworthiness Protection Requirements for Tank Car Tanks 49 CFR 173	ANPRM 55 FR 20242 05/15/90 Supplemental ANPRM 55 FR 35327 08/29/90 NPRM 58 FR 52574 10/08/93 Regulatory Agenda 59 FR 20810 04/25/94	RSPA proposes revisions to the HMR to improve the crashworthiness of tank cars and restrict the continued use in hazardous materials service of tank cars that no longer meet current safety requirements. The revisions pertain to operational changes, design modifications, and retrofitting requirements.	Final rule 10/95.
*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 NPRM 58 FR 12213 03/03/93 Regulatory Agenda 59 FR 20809 04/25/94	RSPA proposes 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.	Final rule 10/94.
*400-121.00	Excess Flow Valve Installation on Service Lines 49 CFR 192	ANPRM 55 FR 52188 12/20/90 NPRM 58 FR 21524 04/21/93 Regulatory Agenda 59 FR 20805 04/25/94	The Office of Pipeline Safety proposes to require the installation of 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.	Supplemental NPRM 11/94. Final rule undetermined.
*400-126.00	Hazardous Materials Identification Systems 49 CFR 172	ANPRM 57 FR 24532 06/09/92 Planned NPRM 59 FR 20804 04/25/94	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.	<u>NPRM may be put on hold or withdrawn due to lack of public support.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
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 08/14/92 Regulatory Agenda 59 FR 20813 04/25/94	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 8/94.
400-128.00	Gas Pipeline Safety Standards 49 CFR 192	NPRM 57 FR 39572 08/31/92 NPRM 57 FR 53085 11/06/92 Regulatory Agenda 59 FR 20811 04/25/94	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 on hold until late 1994.
400-129.00	Tank Car Tanks and Cargo Tank Motor Vehicles - Attendance Requirements 49 CFR 174 49 CFR 177	NPRM 57 FR 42466 09/14/92 Regulatory Agenda 59 FR 20813 04/25/94	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 10/94.
*400-134.00	Hazardous Liquid and Carbon Dioxide Pipeline Safety Standards 49 CFR 195	NPRM 57 FR 56304 11/27/92 Final rule 59 FR 33388 06/28/94	In response to a regulatory review, RSPA revises miscellaneous hazardous liquid and carbon dioxide pipeline safety standards to provide clarity and eliminate unnecessary requirements.	<u>Effective 7/28/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*400-136.00	Cargo Tanks - Miscellaneous Requirements 49 CFR 173 49 CFR 178 49 CFR 180	NPRM 58 FR 12316 03/03/93 Interim final rule 58 FR 46872 09/03/93 Regulatory Agenda 59 FR 20814 04/25/94	RSPA proposes to amend certain requirements on the manufacture, qualification, and maintenance of cargo tank motor vehicles to relax the requirements and reduce unnecessary economic burdens on industry.	Interim final rule effective 9/3/93. <u>Final rule 8/94.</u>
400-138.00	Pipeline Facilities in Environmentally-Sensitive and High-Density Population Areas 49 CFR 192 49 CFR 195	Planned NPRM 59 FR 20806 04/25/94	RSPA will propose to require gas pipeline operators to identify pipeline facilities located in high-density population areas and hazardous liquid pipeline operators to identify those in environmentally-sensitive areas.	NPRM 12/94.
*400-139.00	HMRs - Editorial Corrections and Clarifications 49 CFR 107 49 CFR 171-180	Final rule 58 FR 51524 10/01/93 Corrections 59 FR 30530 06/14/94	RSPA corrects editorial errors and makes minor regulatory changes to the Hazardous Material Regulations. The amendments do not impose any new requirements on the regulated community. RSPA issues corrections to several graphical illustrations in 49 CFR 172 and 176 to depict certain labeling and placarding requirements for segregating materials aboard vessels.	<u>Effective 10/1/93.</u>
*400-139.01	HMRs - Miscellaneous Amendments 49 CFR 171-174 49 CFR 178 49 CFR 179	Final rule 59 FR 28487 06/02/94	RSPA issues a final rule (no NPRM) revising the Hazardous Materials Regulations to eliminate certain inconsistencies and typographical errors, add a specific shipping description currently authorized by approval, and update certain standards incorporated by reference under 49 CFR 171.7. The rule imposes no new requirements on the regulated community.	<u>Effective 7/5/94.</u>
400-145.00	Emergency Flow Restricting Devices - Leak Detection Systems 49 CFR 195	ANPRM 59 FR 2802 01/19/94 Planned NPRM 59 FR 20803 04/25/94	RSPA will propose regulations required by the Pipeline Safety Act of 1992 on the use of emergency flow restricting devices to detect pipeline ruptures on hazardous liquid pipelines.	NPRM undetermined.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*400-147.00	Classifying and Handling Class I (Explosive) Materials 33 CFR 110 33 CFR 126 33 CFR 160 46 CFR 38 46 CFR 78 46 CFR 97 46 CFR 194	NPRM 59 FR 16783 04/08/94	The Coast Guard proposes to amend its regulations concerning the carriage and handling of explosives to conform them with regulations issued by RSPA in 49 CFR part 176.	<u>Final rule undetermined.</u>
*400-149.00	Revisions to Hazardous Materials Regulations - List of Hazardous Substances 49 CFR 172	Final rule 59 FR 31822 06/20/94	RSPA issues a final rule (no NPRM) amending the Hazardous Materials Regulations to keep its "List of Hazardous Substances and Reportable Quantities" (Appendix A to 49 CFR 172.101) consistent with EPA's list of CERCLA hazardous substances and RQs.	<u>Effective 8/29/94.</u>
OCCUPATIONAL SAFETY AND HEALTH ACT				
780-009.00	Occupational Exposure to Methylene Chloride 29 CFR 1910.1000	ANPRM 51 FR 42257 11/24/86 NPRM 56 FR 57036 11/07/91 Corrections 57 FR 387 01/06/92 Reopening of rulemaking 59 FR 11567 03/11/94 Regulatory Agenda 59 FR 20647 04/25/94	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 2/95.
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 05/14/82 Planned NPRM 59 FR 20638 04/25/94	OSHA is reviewing current standards for respiratory protection and intends to propose revisions following analysis of the standards.	NPRM 11/94. Final rule 11/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
780-020.00	Construction Standards - Safety Standards for Scaffolds 29 CFR 1926	NPRM 51 FR 42680 11/25/86 Reopening of rulemaking 58 FR 16509 03/29/93 Reopening of rulemaking 59 FR 4615 02/01/94 Regulatory Agenda 59 FR 20645 04/25/94	OSHA proposes to revise the construction industry safety standards for scaffolds to regulate the design, construction, and use of all scaffolds in construction. EPA reopens its record on the proposed standard for scaffolds in order to solicit comments on additional issues, including crossbraces on guardrail systems and a type of scaffolding called chimney bracket scaffolds.	Final rule 12/94.
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 08/05/92 Regulatory Agenda 59 FR 20645 04/25/94	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 9/94.
780-025.00	Occupational Exposure to 2-Methoxyethanol, 2-Ethoxyethanol and Their Acetates 29 CFR 1910.1000	ANPRM 52 FR 10586 04/02/87 NPRM 58 FR 15526 03/23/93 Corrections 58 FR 31922 06/07/93 Regulatory Agenda 59 FR 20647 04/25/94	OSHA proposes to reduce the existing 8-hour time weighted average (TWA) PELs for 2-methoxyethanol and its acetate to 0.1 ppm and for 2-ethoxyethanol and its acetate to 0.5 ppm. OSHA also proposes excursion limits for these glycol ethers of five times the proposed PELs and action limits of one-half the proposed PELs measured as an 8-hour TWA. In addition, OSHA proposes that no employee shall be exposed to these chemicals through dermal contact.	Final rule 5/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
780-041.00	Generic Standard for Exposure Monitoring 29 CFR 1910	ANPRM 53 FR 37591 09/27/88 Planned NPRM 59 FR 20639 04/25/94	OSHA is evaluating the feasibility and usefulness of adoption of a generic standard on exposure monitoring for employees exposed to toxic substances.	NPRM 8/95.
780-042.00	Medical Surveillance Program for Employees 29 CFR 1910	ANPRM 53 FR 37595 09/27/88 Planned NPRM 59 FR 20639 04/25/94	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.	NPRM 11/95.
*780-044.00	Asbestos Short-Term Exposure Limit (Category III Remand Issues) 29 CFR 1910 29 CFR 1926	NPRM 55 FR 29712 07/20/90 Regulatory Agenda 59 FR 20648 04/25/94	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.	<u>Final rule 9/94.</u>
780-045.00	Hazardous Waste Training Course Certification 29 CFR 1910	NPRM 55 FR 2776 01/26/90 NOA; reopening of record 57 FR 4858 02/10/92 Regulatory Agenda 59 FR 20640 04/25/94	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.	<u>Final rule 12/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*780-047.00	Electrical Protective Equipment; Generation, Transmission, Distribution 29 CFR 1910	NPRM 54 FR 4974 01/31/89 Final rule 59 FR 4320 01/31/94	OSHA establishes a new standard addressing work practices during the operation and maintenance of electric power generation, transmission, and distribution facilities. The rule also revises the electrical protective equipment requirements.	Majority of rule effective 5/31/94.
		Stay of enforcement; correction 59 FR 33656 06/30/94	OSHA stays the enforcement of some of the requirements contained in the electric power generation standard, corrects language in the preamble, and corrects several errors in the standards.	<u>Stay in effect until 11/1/94 for certain Sections, until 2/1/96 for others. Corrections effective immediately.</u>
*780-051.00	Confined Spaces - Permits and Safety Requirements	NPRM 54 FR 24080 06/05/89 Final rule 58 FR 4462 01/14/93	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.	Final rule effective 4/15/93.
		Technical amendment 59 FR 26114 05/19/94	OSHA issues a technical amendment to revise information in Section 1910.146, appendix E, pertaining to atmospheric testing and monitoring in sewers.	<u>Effective 5/19/94.</u>
780-058.00	General Industry Standards - Walking and Working Surfaces 29 CFR 1910	NPRM 55 FR 13360 04/10/90 Regulatory Agenda 59 FR 20648 04/25/94	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 7/95.
780-059.00	Recording and Reporting Occupational Injuries and Illnesses 29 CFR 1904	Planned NPRM 59 FR 20639 04/25/94	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 9/94. Final rule 1/96.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
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 06/12/92 Interim final rule 58 FR 26590 05/04/93 IFR amendment 58 FR 34218 06/24/93 Regulatory Agenda 59 FR 20649 04/25/94	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. In response to a Congressional mandate, EPA amends the standards by reducing the permitted level of exposure to lead from 200 to 50 micrograms/cu.m. 8-hour TWA. A final rule setting standards for other air contaminants will be issued at a later date.	Final rule on hold pending any action on general industry standard vacated and revoked rule. Interim final rule of 5/4/93 and amendment of 6/24/93 effective 6/3/93. Startup dates for various provisions are set forth in 1926.62(r).
780-063.00	Ergonomic Safety and Health Management 29 CFR 1910 29 CFR 1915 29 CFR 1917 29 CFR 1918 29 CFR 1926 29 CFR 1928	ANPRM 57 FR 34192 08/03/92 Corrections 57 FR 37591 08/19/92 Planned NPRM 59 FR 20641 04/25/94	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.	NPRM 9/94.
780-064.00	Crane Safety Standards 29 CFR 1910 29 CFR 1919 29 CFR 1926	ANPRM 57 FR 47746 10/19/92 Planned NPRM 59 FR 20642 04/25/94	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.	NPRM 1/95.
780-067.00	Retention of Marking and Placards to Reduce Health and Safety Risk 29 CFR 1910 29 CFR 1915 29 CFR 1917-1918 29 CFR 1926	NPRM 58 FR 47690 09/10/93 Regulatory Agenda 59 FR 20649 04/25/94	OSHA proposes that when hazardous materials are transported in DOT marked, placarded, or labeled packagings or vehicles, the employer receiving such packages or vehicles must ensure that the markings, placards, and labels are retained on them until the hazardous materials are removed so that they no longer pose a health or safety risk.	Final rule 12/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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*780-069.00	Indoor Air Quality 29 CFR 1910 29 CFR 1915 29 CFR 1926 29 CFR 1928	NPRM 59 FR 15968 04/05/94 Correction 59 FR 18443 04/18/94 Comment period extended 59 FR 30560 06/14/94	OSHA proposes standards to address indoor air quality in indoor work environments. The proposal would require affected employers to develop and implement compliance plans and to implement controls for specific contaminants and their sources.	<u>Comments by 8/13/94.</u> <u>Final rule 4/95.</u>
780-070.00	Occupational Exposure to Hexavalent Chromium 29 CFR 655(b) 29 CFR 657	Planned NPRM 59 FR 20643 04/25/94	OSHA denies a petition for an emergency temporary standard to lower the PEL for hexavalent chromium compounds (CRVI) to 0.5 $\mu\text{g}/\text{m}^3$ TWA from its current level of 100 $\mu\text{g}/\text{m}^3$ and begins a Sect. 6(b) rulemaking action for occupational exposure to CRVI.	NPRM 5/95.
*780-071.00	Fire Protection Engineering - Equivalent Level of Safety 41 CFR 101-106	NPRM 59 FR 26768 05/24/94	As required by the Federal Fire Safety Act of 1992, the General Services Administration proposes to further define the term "equivalent level of safety" when referring to automatic sprinkler systems in certain federal buildings.	<u>Final rule undetermined.</u>
*780-072.00	Respiratory Protection Devices 42 CFR 84	NPRM 59 FR 26850 05/24/94 Comment period extended 59 FR 27257 05/26/94	The National Institute for Occupational Safety and Health (NIOSH) proposes revised approval procedures and technical requirements for respirators and upgraded testing requirements for particulate filters.	<u>Comments by 7/22/94.</u> <u>Final rule undetermined.</u>
*780-073.00	Longshoring and Marine Terminals - Safety of Cargo Handlers 29 CFR 1910 29 CFR 1917 29 CFR 1918	NPRM 59 FR 28594 06/02/94 Corrections 59 FR 30389 06/13/94	OSHA proposes to revise its regulations addressing the safety and health of workers performing cargo handling and related activities aboard vessels and at marine terminals.	<u>Comments by 9/23/94.</u> <u>Final rule undetermined.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
ENDANGERED SPECIES ACT				
200-049.01	Critical Habitat Designation - Marbled Murrelet 50 CFR 17	NPRM 59 FR 3811 01/27/94 Regulatory Agenda 59 FR 20499 04/25/94	FWS proposes to designate critical habitat for the threatened marbled murrelet (<u>Brachyramphus marmoratus marmoratus</u>) in Washington, Oregon, and California.	Final rule by 4/95.
*200-057.01	Recovery Plan for the Duskytail Darter	NOA 58 FR 51098 09/30/93	FWS announces the availability for public review of a draft recovery plan for the duskytail darter listed as endangered under the ESA. The area of emphasis for the recovery plan is the upper Tennessee River basin and the Big South Fork of the Cumberland River.	<u>Final recovery plan available now by calling (704) 665-1195; final will not be published in Federal Register.</u>
*200-059.01	Sacramento River Winter-Run Chinook Salmon - Water Diversions 50 CFR 222 50 CFR 227	ANPRM 58 FR 53703 10/18/93	NMFS is considering proposing regulations that would establish screening requirements for water diversions from the Sacramento River and Delta to protect threatened winter-run chinook salmon.	<u>NPRM undetermined; no schedule. May never issue rule.</u>
*200-062.00	Endangered and Threatened Plants - San Francisco Bay Serpentine Soil Plants 50 CFR 17	NPRM 57 FR 59053 12/14/92 Regulatory Agenda 59 FR 20505 04/25/94	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.	<u>Final rule undetermined.</u>
*200-063.01	Recovery Action Plan for the Recovery Implementation Program for Colorado River Fishes 50 CFR 17	NOA 59 FR 31620 06/20/94	The U.S. FWS announces the availability of draft modifications to the Recovery Implementation Program Recovery Action Plan, which identifies actions for recovering endangered fish species in the Upper Colorado River Basin.	<u>Comments by 8/4/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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200-064.00	Endangered and Threatened Wildlife - Southwestern Willow Flycatcher 50 CFR 17	NPRM 58 FR 39495 07/23/93 Regulatory Agenda 59 FR 20495 04/25/94	FWS proposes to list the southwestern willow flycatcher (<u>Empidonax traillii extimus</u>) as an endangered species and to designate critical habitat for it. The breeding range of this bird includes southern California, Arizona, New Mexico, southern portions of Nevada and Utah, and western Texas.	Final rule by 7/94.
200-065.00	Review of Plant Taxa for Addition to ESA List 50 CFR 17	Notice 58 FR 51144 09/30/93	FWS publishes an updated compilation of plant taxa native to the U.S. that are being reviewed for possible addition to the List of Endangered and Threatened Plants.	Comments at any time, until updated notice is published in 1995.
200-068.00	Endangered and Threatened Plants - <u>Gymnoderma lineare</u> 50 CFR 17	NPRM 58 FR 68623 12/28/93 Regulatory Agenda 59 FR 20510 04/25/94	The FWS proposes to list the lichen <u>Gymnoderma lineare</u> (rock gnome lichen) as an endangered species under the ESA. The lichen is limited to 25 populations in North Carolina and 7 populations in the Great Smoky Mountains of Tennessee.	Final rule by 12/94.
*200-069.00	Endangered and Threatened Species - Coho Salmon 50 CFR 227	Petition for rulemaking 59 FR 3662 01/26/94	NOAA announces the receipt of a petition under the ESA to list as endangered or threatened, and to designate critical habitat for, coho salmon (<u>Oncorhynchus kisutch</u>) throughout its range in WA, OR, ID, and CA. NOAA is now conducting a coastwide study of the coho salmon population in response to the petition.	<u>NPRM and study results 10/94.</u>
*200-070.00	Threatened and Endangered Species and Critical Habitat - Petition to List Steelhead 50 CFR 227	Notice 59 FR 27527 05/27/94	The National Marine Fisheries Service announces the receipt of a petition to list steelhead (<u>Oncorhynchus mykiss</u>) throughout its range in WA, OR, CA, & ID and to designate critical habitat under the ESA.	<u>Comments by 7/26/94.</u>
MARINE PROTECTION, RESEARCH, AND SANCTUARIES ACT				
*460-016.00	Ocean Dumping - Expansion of Designated Sites - Washington, Oregon 40 CFR 228	NPRM 57 FR 43427 09/21/92	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.	<u>Final rule 10/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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*460-017.00	Ocean Dumping Regulations - Corrections to List of Sites 40 CFR 228	NPRM 58 FR 32322 06/09/93 Regulatory Agenda 59 FR 21083 04/25/94	EPA proposes to revise the list of designated ocean dumping sites to better organize the listing format and correct misprints and typographical errors.	<u>Final rule 9/94.</u>
*460-018.00	Ocean Dumping - Bioaccumulation Testing Requirements 40 CFR 227	Interim final rule 59 FR 26566 05/20/94	EPA issues an interim final rule clarifying provisions of the ocean dumping regulations concerning bioaccumulation testing of the suspended particulate phase of materials proposed to be dumped at sea.	<u>Effective 5/20/94.</u>
NATIONAL ENVIRONMENTAL POLICY ACT				
480-017.00	DOE Integrated Environmental Restoration and Waste Management Program 40 CFR 228	NOI 55 FR 42633 10/22/90 NOA 57 FR 4193 02/04/92 NOA 59 FR 7990 02/17/94	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.	<u>Draft PEIS 8/94.</u>
*480-022.00	Reconfiguration of DOE's Nuclear Weapons Complex	NOI 56 FR 5590 02/11/91 NOI 58 FR 39528 07/23/93	Pursuant to a recent significant reduction in the nuclear weapons stockpile, DOE issues a revised notice of intent to prepare a programmatic EIS for reconfiguring the nuclear weapons complex and asks for comments on this and whether it should be combined with the PEIS on the environmental and waste management program (RU# 480-017.00).	<u>Implementation plan and schedule 11/94.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

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NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT				
*080-001.00	Native American Graves Protection and Repatriation Act Implementation 43 CFR 10	NPRM 58 FR 31122 05/28/93 Regulatory Agenda 59 FR 20519 04/25/94	DOI proposes regulations for implementing the Native American Graves Protection and Repatriation Act of 1990. The regulations develop a systematic process for determining the rights of lineal descendants and members of Indian tribes and native Hawaiian organizations to certain native American human remains and cultural items.	Final rule 8/94.
ARCHEOLOGICAL RESOURCES PROTECTION ACT				
*090-001.00	Protection of Archeological Resources - Uniform Rules 18 CFR 1312 32 CFR 229 36 CFR 296 43 CFR 7	NPRM 56 FR 46259 09/11/91 Regulatory Agenda 59 FR 20518 04/25/94	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 8/94.
FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT				
*300-003.00	Guidelines on Disposal and Storage - Procedures for Recall of Canceled and Suspended Pesticides (Phase I) 40 CFR 156 40 CFR 165	Updating underway 50 FR 44656 10/29/85 NPRM 58 FR 26856 05/05/93 Regulatory Agenda 59 FR 21058 04/25/94	EPA proposes procedures for the recall and safe disposal of suspended and canceled pesticides held by registrants and owners of such pesticides.	Final rule 1/95.
300-003.01	Guidelines on Disposal and Storage - Standards for Pesticide Containers and Containment (Phase II) 40 CFR 156 40 CFR 165	NPRM 59 FR 6712 02/11/94 Regulatory Agenda 59 FR 21058 04/25/94	EPA proposes (1) pesticide container design requirements, (2) residue removal standards, (3) standards for the containment of bulk pesticide containers, and (4) procedures for container refilling operations.	Final rule 1/95. Phase III NPRM 12/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*300-004.01	Worker Protection Standards - Hazard Communication 40 CFR 170	NPRM 57 FR 38167 08/21/92 Regulatory Agenda 59 FR 21060 04/25/94	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.	<u>Final rule undetermined.</u>
300-007.00	Restricted Use Classification for Groundwater Contaminating Pesticides 40 CFR 152.170	Notice 55 FR 5861 02/20/90 NPRM 56 FR 22076 05/13/91 NOA 56 FR 56643 11/06/91 Regulatory Agenda 59 FR 21060 04/25/94	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 5/95.
300-014.00	Experimental Use Permit Rule for Microbial Pesticides 40 CFR 172	NPRM 58 FR 5878 01/22/93 Regulatory Agenda 59 FR 21060 04/25/94	EPA proposes 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 also proposes to require notification before initiation of small-scale testing of certain genetically modified microbial pesticides.	Final rule 11/94.
300-021.00	Certification of Restricted Use Pesticide Applicator 40 CFR 171	NPRM 55 FR 46890 11/07/90 Notice 56 FR 12007 03/21/91 Regulatory Agenda 59 FR 21060 04/25/94	EPA proposes to revise the rules regarding the certification of applicators of restricted use pesticides to upgrade the provisions of certification programs.	Final rule 3/95.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
300-026.00	National Laboratory Accreditation Program 7 CFR 100	ANPRM 57 FR 54727 11/20/92 Planned NPRM 59 FR 20024 04/25/94	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.	NPRM 7/94.
300-030.00	Pesticides and Groundwater State Management Plans 40 CFR 152	NOA 58 FR 65593 12/15/93 NOA 59 FR 13726 03/23/94 Regulatory Agenda 59 FR 21057 04/25/94	EPA will designate certain individual pesticides to be subject to approved state management plans (SMPs) as a condition of legal sale and use. This regulation would establish SMPs and specify procedures and deadlines for approval and implementation of SMPs.	NPRM 9/94.
FEDERAL MINE SAFETY AND HEALTH ACT				
330-006.00	Hazard Communication CFR undetermined	NPRM 55 FR 46400 11/02/90 Regulatory Agenda 59 FR 20634 04/25/94	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 1/95.
*330-007.00	Respiratory Protection Devices for Mine Safety and Health 30 CFR 11 30 CFR 70 30 CFR 71	NPRM 59 FR 26892 05/24/94	The MSHA proposes to remove existing rules for the joint approval of respiratory protective equipment by MSHA and NIOSH. The existing rules would be replaced by revised approval procedures and technical requirements being proposed by NIOSH (see RU# 780-072.00).	Comments by 7/25/94. <u>Final rule undetermined.</u>

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
HISTORIC SITES ACT OF 1935				
*210-004.00	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 59 FR 20519 04/25/94	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.	<u>Final rule 8/94.</u>
BIOTECHNOLOGY				
*110-005.00	Microbial Products (Biotechnology) 40 CFR 700 40 CFR 720 40 CFR 721	Planned NPRM 59 FR 21067 04/25/94	EPA will propose a new definition of "small quantities solely for research and development" and reporting requirements for persons who are using microorganisms. The proposed rule will contain mechanisms for exemption as well as actual proposed exemptions, guidance on how the TSCA Inventory will be used, and EPA's approach to R&D with biotechnology organisms.	<u>NPRM undetermined.</u>
PACIFIC NORTHWEST ELECTRIC POWER AND CONSERVATION ACT				
810-017.00	Columbia River Basin Fish and Wildlife Program - Mainstem Passage Survival Hypotheses	Proposed amendment 59 FR 22028 04/28/94	The Northwest Power Planning Council proposes amendments to the Columbia River Basin Fish and Wildlife Program to establish hypotheses regarding the relationship between river flows, velocity, transportation, and the survival of anadromous fish in the mainstem of the Columbia and Snake Rivers.	<u>Final action 7/94.</u>
VETERANS' DIOXIN AND RADIATION EXPOSURE COMPENSATION STANDARDS ACT				
*935-005.00	Veterans' Advisory Committee on Environmental Hazards - Radiation Risk Activities Report	NOA 59 FR 33325 06/28/94	The Department of Veteran Affairs announces the availability of the Radiation Risk Activities Report of the Veterans' Advisory Committee on Environmental Hazards. The report summarizes activities, other than service with occupation forces of Japan or participation in atmospheric nuclear tests, which resulted in exposure of veterans to ionizing radiation before January 1, 1970.	

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
COSTAL ZONE MANAGEMENT ACT				
*160-004.00	State Coastal Management Programs - Public Participation Requirements	Notice 58 FR 58840 11/04/93 Notice 59 FR 30339 06/13/94	The Office of Ocean and Coastal Resource Management issues final policy guidance on Sect. 306(d)(14) of the CZMA concerning public participation requirements for states and territories with federally approved coastal management programs.	<u>States with approved coastal zone management programs must comply with this guidance effective 6/13/95.</u>
*160-005.00	Coastal Zone Management Program Regulations 15 CFR 923 15 CFR 926 15 CFR 927	Final rule 59 FR 27974 05/31/94	NOAA issues a final rule (no NPRM) to conform NOAA's regulations implementing the coastal zone management program to statutory changes made under the Coastal Zone Act Reauthorization Amendments of 1990.	<u>Effective 6/30/94.</u>
OTHER				
805-023.00	Reproductive Toxicity Risk Assessment Guidelines	Proposed guidelines 53 FR 24834 06/30/88 Reproposed guidelines 59 FR 10385 03/04/94	EPA announces the availability of the external review draft of the reproposed "Guidelines for Reproductive Toxicity Risk Assessment." The guidelines are intended to guide Agency analysis of data on reproductive toxicants according to appropriate scientific standards.	Final guidelines 9/94.
*805-041.00	Task Force on Wetlands - No Net Loss Strategy	Notice 55 FR 30279 07/25/90 NOA 56 FR 8560 02/28/91	The Interagency Work Group on Federal Wetlands Policy, which replaced the Domestic Policy Council's Task Force on Wetlands under the Bush Administration, issued a Federal Wetlands Policy in August, 1993 outlining strategies for attaining "no net loss" of wetlands. An Executive Order is also planned. DOE is represented on the Council.	<u>Executive Order 8/94 establishing "no net loss" policy.</u>
805-047.00	WAPA's Energy Planning and Management Program	Proposed Program 56 FR 16093 04/19/91	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 8/94.

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
805-049.00	Federal Manual for Identifying and Delineating Jurisdictional Wetlands 7 CFR Ch.VI 33 CFR Ch.II 40 CFR Ch.I 50 CFR Ch.I and IV	NPRM 56 FR 40446 08/14/91	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 11/94.
805-049.01	Wetland Identification and Delineation Rule 40 CFR 110 40 CFR 116 40 CFR 117 40 CFR 122 40 CFR 230 40 CFR 232 40 CFR 435	NPRM 56 FR 65964 12/19/91 Regulatory Agenda 59 FR 21082 04/25/94	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).
*805-063.00	Use of Reserved Authority in Hydropower Licenses - Cumulative Impacts 18 CFR 2	Proposed policy statement 58 FR 48994 09/21/93	FERC proposes to adopt a policy statement on the use of reserved authority in licenses for hydropower projects to ameliorate the cumulative environmental impacts of such projects in the same river basin.	<u>Final policy statement awaiting decision of Commission.</u>
*805-070.00	National Voluntary Laboratory Accreditation Program 15 CFR 7 15 CFR 285	NPRM 58 FR 40087 07/27/93 Final rule 59 FR 22742 05/03/94	The National Institute of Standards and Technology revises the procedures for operating the National Voluntary Laboratory Accreditation Program to: (1) expand them to include accreditation of calibration laboratories, (2) update the procedures for compatibility with conformity assurance and assessment concepts, (3) assure consistency with relevant ISO documents, and (4) facilitate acceptance of calibration and test results between countries to avoid barriers to trade.	<u>Effective 6/2/94.</u>
*805-071.00	North American Agreement on Environmental Cooperation - Executive Order	Notice 59 FR 25775 05/18/94	The President of the U.S. issues Executive Order 12915, "Federal Implementation of the North American Agreement on Environmental Cooperation."	
*805-072.00	Government-to-Government Relations with Native American Tribal Governments	Notice 59 FR 22951 05/04/94	The President of the U.S. issues a memorandum to the heads of executive departments and agencies concerning their relations with Native American tribal governments.	

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REGULATORY UPDATE TABLE - MAY/JUNE 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*805-073.00	Distribution of Eagle Feathers for Native American Religious Purposes	Notice 59 FR 22953 05/04/94	The President of the U. S. issues a memorandum to heads of executive departments and agencies concerning the recovery of eagle carcasses and eagle body parts on federal lands for Native American religious purposes.	
*805-074.00	Strategic Plan for the Office of Energy Efficiency and Renewable Energy	NOA 59 FR 30574 06/14/94	DOE announces the availability of the draft strategic plan for the Office of Energy Efficiency and Renewable Energy (EE). The plan presents EE's mission and vision, goals and objectives, and strategies to achieve those goals and objectives.	<u>Comments by 9/30/94.</u>

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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 planned through June 30, 1994. 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.*

(Any questions or comments about how the chemical information for this *IRIS* Table is selected, downloaded and compiled should be addressed to Ms. Kim Slusher, Oak Ridge National Laboratory, (615) 576-1746).

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

(Values current through June 30, 1994. Use only the most current version of this table.)

NAME	CASRN	ORAL R/D (mg/kg/day)	INHAL R/C (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	--	--
ACETOCHLOR	034256-82-1	2E-2				
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	5E-1	1E-3	--	--	--
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	1E-3	--	D	--	--
ALDICARB SULFONE	001646-88-4	1E-3				
ALDRIN	000309-00-2	3E-5	--	B2	1.7E+1	--
ALLY	074223-54-6	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	--	--	--	--

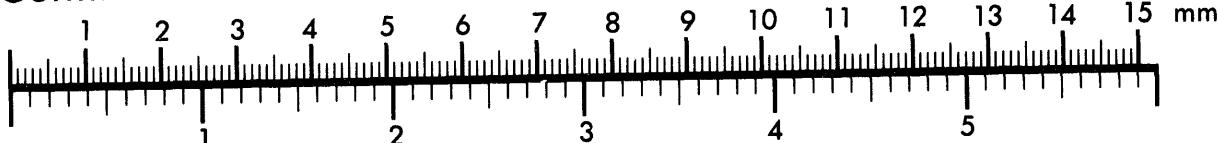


AIIM

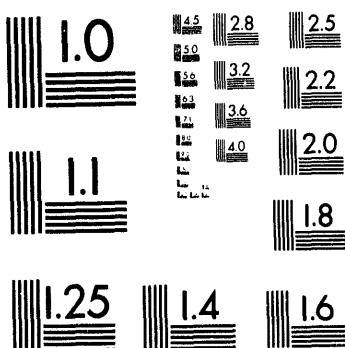
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Inches



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20f2

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
ANILINE	000062-53-3	--	1E-3	B2	5.7E-3	--
ANTHRACENE	000120-12-7	3E-1	--	--	--	--
ANTIMONY (METALLIC)	007440-36-0	4E-4	--	--	--	--
APOLLO	074115-24-5	1.3E-2	--	C	--	--
ARAMITE	000140-57-8	--	--	B2	2.5E-2	--
AROCLOR 1016	012674-11-2	7E-5				
ARSENIC, INORGANIC	007440-38-2	3E-4	--	A	--	--
ARSINE	007784-42-1		5E-5			
ASBESTOS	001332-21-4	--	--	A	--	--
ASSURE	076578-14-8	9E-3	--	D	--	--
ASULAM	003337-71-1	5E-2	--	--	--	--
ATRAZINE	001912-24-9	3E-2	--	--	--	--
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	7.3E+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	--	--	--	--

NAME	CASRN	ORAL RID (mg/kg/day)	INHAL RIC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ¹	INHAL SLOPE FACTOR (mg/kg/day) ¹
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	--	--	--	--
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 BUTYLGlyCOLATE	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	--	--	--	--

NAME	CASRN	ORAL RD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ¹	INHAL SLOPE FACTOR (mg/kg/day) ¹
CHLORAL	000075-87-6	2E-3	--	--	--	--
CHLORAMBEN	000133-90-4	1.5E-2	--	--	--	--
CHLORANILINE, P-	000106-47-8	4E-3	--	--	--	--
CHLORDANE	000057-74-9	6E-5	--	B2	1.3E+0	--
CHLORIMURON-ETHYL	090982-32-4	2E-2	--	--	--	--
CHLORINE	007782-30-3	1E-3	--	--	--	--
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	--
CHLOROMETHTL 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	--	--	--	--
CHLORTHALONIL	001897-45-6	1.5E-2	--	--	--	--
CHROMIUM(III)	16065-83-1	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	--	--

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
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	--	--
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	--	--	--	--
CYHALOTHRIN/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-	00016-93-4	--	--	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	--	--

NAME	CASRN	ORAL RD (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ¹	INHAL SLOPE FACTOR (mg/kg/day) ¹
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	--
DICHLOROMETHANE (METHYLENE CHLORIDE)	000075-09-2	6E-2	--	B2	7.5E-3	--
DICHLOROPHENOL, 2,4-	000120-83-2	3E-3	--	--	--	--
DICHLOROPHOXYACETIC ACID, 2,4-	000094-75-7	1E-2	--	--	--	--
DICHLOROPHOXYBUTYRIC 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	5E-4	5E-4	B2	2.9E-1	--
DIELDRIN	000060-57-1	5E-5	--	B2	1.6E+1	--
DIESEL ENGINE EMISSIONS	NO CASRN	--	5E-3	--	--	--
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	--	--

NAME	CASRN	ORAL R/D (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ¹	INHAL SLOPE FACTOR (mg/kg/day) ¹
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	--
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	--	--	--	--

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
FENPROPATHRIN (DANITOL)	039515-41-8	--	--	--	--	--
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	--	--	--	--
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	--
GLUUFOSINATE-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	--
HEXBROMOBENZENE	000087-82-1	2E-3	--	--	--	--
HEXBROMODIPHENYL ETHER	036483-60-0	--	--	D	--	--
HEXACHLOROBENZENE	000118-74-1	8E-4	--	B2	1.6	--
HEXACHLOROBUTADIENE	000087-68-3	--	--	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	--	--	--	--

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
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	--	--
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	--	--	--	--

NAME	CASRN	ORAL R/D (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
MALEIC HYDRAZIDE	000123-33-1	5E-1	--	--	--	--
MANEB	012427-38-2	5E-3	--	--	--	--
MANGANESE	007439-96-5	--	5E-5	D	--	--
MCPA	000094-74-6	5E-4	--	--	--	--
MCPB	000094-81-5	1E-2	--	--	--	--
MCPP	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	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	--	--	--	--	--
METHYLPHENOL, 2- (O-CRESOL)	000095-48-7	5E-2	--	C	--	--
METHYLPHENOL, 3- (M-CRESOL)	000108-39-4	5E-2	--	C	--	--
METHYLENE-BIS(N,N-DIMETHYL) ANILINE, 4,4'-	000101-61-1	--	--	B2	4.6E-2	--
METHYLENE CHLORIDE (DICHLOROMETHANE)	000075-09-2	6E-2	--	B2	7.5E-3	--
METHYLDIENE-DIPHENYL ISOCYANATE	000101-68-8		2E-3			
METOACHLOR	051218-45-2	1.5E-1	--	C	--	--
METRIBUZIN	021087-64-9	2.5E-2	--	D	--	--
MIREX	002385-85-5	2E-4	--	--	--	--
MOLINATE	002212-67-1	2E-3	--	--	--	--

NAME	CASRN	ORAL R/D (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
MONOCHLORAMINE	010599-90-3	1E-1		D		
MOLYBDENUM	007439-98-7	5E-3				
NALED	000300-76-5	2E-3	--	--	--	--
NAPHTHALENE	000091-20-3	--	--	D	--	--
NAPROPAMIDE	015299-99-7	1E-1	--	--	--	--
NICKEL CARBONYL	013463-39-3	--	--	B2	--	--
NICKEL SUBSULFIDE	012035-72-2	--	--	A	--	--
NICKEL (SOLUBLE SALTS)	007440-02-6	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	--
NITROSOPIRROLIDINE, 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	--	--	--	--

NAME	CASRN	ORAL RD (mg/kg/day)	INHAL RC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ¹	INHAL SLOPE FACTOR (mg/kg/day) ¹
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	--	--
P-CHLOROPHENYL METHYL SULFOXIDE	000934-73-6	--	--	D	--	--
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	--	--	--	--

NAME	CASRN	ORAL RID (mg/kg/day)	INHAL RIC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) ⁻¹	INHAL SLOPE FACTOR (mg/kg/day) ⁻¹
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-TRICHLOROPHOENOXY)-	000093-72-1	8E-3	--	D	--	--
PROPYLENE GLYCOL MONOMETHYL ETHER	000107-98-2	--	2	--	--	--
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	--	--	--	--
ROTELONE	000083-79-4	4E-3	--	--	--	--
SAVEY	078587-05-0	2.5E-2	--	--	--	--
SELENIOUS 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	--	--	--	--
SIMAZINE	000122-34-9	5E-3	--	--	--	--
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	1E+0	--	--	--

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
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	--
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	--	--	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	--	--	--	--
TRIALLATE	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	--	--	--	--

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
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	--
TRICHLOROPHOXYACETIC 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	--	--	--	--
VINCLOZOLIN	050471-44-8	2.5E-2	--	--	--	--
VINYL ACETATE	000108-05-4	--	2E-1	--	--	--
VINYL BROMIDE	000593-60-2	--	3E-3	--	--	--
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

ALPHABETICAL INDEX TO STATUTES

INDEX TO RU NUMBERS BY CFR CITATION

May/June 1994

CFR CITATION	RU NUMBER	PAGE	CFR CITATION	RU NUMBER	PAGE
ARCHEOLOGICAL RESOURCES PROTECTION					
ACT		78			
18 CFR 1312	090-001.00		10 CFR 835	100-289.01	
32 CFR 229	090-001.00		40 CFR 194	100-129.01	
36 CFR 296	090-001.00		40 CFR 195	100-018.01	
43 CFR 7	090-001.00		44 CFR 351	100-325.00	
43 CFR 7(B)	090-001.00		BIOTECHNOLOGY		81
			40 CFR 700	110-005.00	
			40 CFR 720	110-005.00	
			40 CFR 721	110-005.00	
ATOMIC ENERGY ACT					
10 CFR 2	100-309.00		CLEAN AIR ACT		31
10 CFR 19	100-041.03		40 CFR 9	120-207.00	
10 CFR 19-21	100-330.00			120-219.00	
10 CFR 20	100-039.00		40 CFR 15	120-190.00	
	100-039.01		40 CFR 35	120-240.00	
	100-041.01		40 CFR 50	120-005.00	
	100-041.02		40 CFR 50.4	120-005.00	
	100-041.03		40 CFR 50.5	120-005.00	
	100-041.04		40 CFR 50.6	120-009.01	
	100-334.00		40 CFR 50.8	120-084.00	
10 CFR 26	100-330.00		40 CFR 50.9	120-006.01	
10 CFR 30	100-276.00		40 CFR 50.11	120-083.00	
10 CFR 31	100-249.00		40 CFR 51	120-075.00	
10 CFR 32	100-306.00			120-076.01	
	100-249.00			120-113.03	
	100-319.00			120-137.02	
10 CFR 39	100-318.00			120-171.00	
10 CFR 40	100-276.00			120-205.00	
	100-304.00			120-213.00	
10 CFR 50	100-222.00			120-221.00	
	100-233.00			120-228.00	
	100-303.00			120-229.00	
	100-307.00			120-232.01	
	100-337.00		40 CFR 52	120-076.01	
10 CFR 51	100-033.00			120-137.01	
	100-265.00			120-171.00	
	100-330.00			120-179.03	
10 CFR 52	100-303.00			120-221.00	
	100-339.00			120-244.00	
10 CFR 61	100-338.00		40 CFR 54	120-200.00	
10 CFR 70	100-276.00		40 CFR 58	120-170.01	
10 CFR 70-71	100-330.00			120-227.00	
10 CFR 71	100-157.00		40 CFR 59	120-201.00	
	100-341.00		40 CFR 60	120-056.01	
10 CFR 72	100-276.00			120-115.01	
10 CFR 73	100-328.00			120-116.00	
10 CFR 73-74	100-330.00			120-158.00	
10 CFR 76	100-330.00			120-241.00	
10 CFR 95	100-330.00			120-242.00	
10 CFR 100	100-303.00		40 CFR 60.40	120-017.01	
10 CFR 110	100-252.00		40 CFR 61	120-085.01	
	100-316.00			120-085.03	
10 CFR 140	100-053.00			120-117.01	
10 CFR 150	100-312.00			120-118.03	
10 CFR 710	100-189.01			120-118.04	
10 CFR 830	100-290.00			120-118.06	
	100-297.00		40 CFR 63	120-055.00	
10 CFR 834	100-284.00			120-093.01	

CFR CITATION	RU NUMBER	PAGE	CFR CITATION	RU NUMBER	PAGE
	120-103.00		COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT	13	
	120-149.00		40 CFR 35	180-135.00	
	120-167.02		40 CFR 117	180-042.00	
	120-178.00			180-119.01	
	120-181.00		40 CFR 300	180-096.00	
	120-187.00			180-120.00	
	120-207.00			180-126.00	
	120-208.00			180-134.00	
	120-231.00			180-135.00	
	120-233.00			180-140.00	
	120-239.00			180-144.00	
	120-241.00			180-145.00	
	120-243.00			180-042.00	
40 CFR 64	120-173.00		40 CFR 302	180-056.00	
40 CFR 65	120-199.00			180-072.00	
40 CFR 68	120-183.00			180-119.01	
40 CFR 70	120-184.00			180-133.00	
40 CFR 71	120-172.02			180-147.00	
	120-181.00		40 CFR 308	180-096.00	
	120-137.03		40 CFR 355	180-042.00	
	120-167.01			180-072.00	
	120-209.00			180-119.01	
40 CFR 72	120-189.02			180-133.00	
40 CFR 74	120-206.00				
40 CFR 76	120-210.01				
40 CFR 82	120-503.01		43 CFR 11	180-025.01	
	120-507.01			180-025.02	
	120-513.00			180-077.00	
	120-514.00			180-077.01	
40 CFR 84	120-510.02				
40 CFR 88	120-175.02		CFR undetermined	180-136.00	
40 CFR 89	120-219.00				
40 CFR 90	120-178.00		COSTAL ZONE MANAGEMENT ACT	82	
40 CFR 93	120-232.01		15 CFR 923	160-005.00	
40 CFR 192	120-118.06		15 CFR 926	160-005.00	
CLEAN WATER ACT		24	15 CFR 927	160-005.00	
40 CFR Ch. I	140-081.00				
40 CFR 122	140-039.00		ENDANGERED SPECIES ACT	75	
	140-085.03		50 CFR 17	200-049.01	
	140-085.04			200-062.00	
40 CFR 122.21(j)	140-084.00			200-063.01	
40 CFR 122.21(g)	140-143.00			200-064.00	
40 CFR 123	140-103.01			200-065.00	
40 CFR 124	140-039.00		50 CFR 222	200-068.00	
	140-103.01		50 CFR 227	200-059.01	
40 CFR 125	140-039.00			200-059.01	
	140-110.00			200-069.00	
	140-142.00			200-070.00	
40 CFR 131	140-103.01		FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT	78	
40 CFR 132	140-133.00		40 CFR 152	300-030.00	
40 CFR 136	140-018.00		40 CFR 152.170	300-007.00	
	140-089.00		40 CFR 156	300-003.00	
40 CFR 142	140-103.01			300-003.01	
40 CFR 144	140-103.01		40 CFR 165	300-003.00	
40 CFR 145	140-103.01			300-003.01	
40 CFR 230	140-124.00		40 CFR 170	300-004.01	
	140-135.00		40 CFR 171	300-007.00	
40 CFR 232	140-144.00		40 CFR 172	300-021.00	
40 CFR 232.2(q)	140-111.00			300-014.00	
40 CFR 233	140-103.01		7 CFR 100	300-026.00	
40 CFR 237	140-108.00		FEDERAL MINE SAFETY AND HEALTH ACT	80	
40 CFR 401	140-142.00		30 CFR 11	330-007.00	
40 CFR 437	140-109.00				
	140-109.01				
40 CFR 501	140-103.01				
40 CFR 503	140-035.02				
	140-035.03				

CFR CITATION	RU NUMBER	PAGE	CFR CITATION	RU NUMBER	PAGE
30 CFR 70	330-007.00			400-063.00	
30 CFR 71	330-007.00			400-064.00	
CFR undetermined	330-006.00			400-097.00	
HAZARDOUS MATERIALS TRANSPORTATION ACT		61		400-099.00	
33 CFR 110	400-147.00		49 CFR 195	400-121.00	
33 CFR 126	400-109.00			400-128.00	
	400-147.00			400-129.00	
33 CFR 127	400-109.00			400-138.00	
33 CFR 160	400-147.00			400-039.00	
40 CFR 172	400-033.01			400-063.00	
40 CFR 173	400-033.01			400-064.00	
46 CFR 38	400-147.00			400-110.00	
46 CFR 78	400-147.00			400-120.00	
46 CFR 97	400-080.00			400-134.00	
	400-147.00			400-138.00	
46 CFR 148	400-080.00			400-145.00	
46 CFR 194	400-147.00		49 CFR 397	400-061.00	
49 CFR 97	400-080.00				
49 CFR 107	400-062.01		HISTORIC SITES ACT OF 1935	81	
	400-136.00		36 CFR 62	410-004.00	
	400-139.00				
49 CFR 148	400-080.00		LOW-LEVEL RADIOACTIVE WASTE (LLW) POLICY		
49 CFR 171	400-014.00		AMENDMENTS ACT	47	
	400-033.01		10 CFR 20	740-021.00	
	400-044.00		10 CFR 61	740-021.00	
	400-062.01			740-027.00	
	400-095.00		40 CFR 193	740-003.00	
	400-097.00		MARINE PROTECTION, RESEARCH, AND		
	400-127.00		SANCTUARIES ACT	76	
49 CFR 171-174	400-139.01		40 CFR 227	460-018.00	
49 CFR 171-178	400-093.00		40 CFR 228	460-016.00	
49 CFR 171-179	400-044.00			460-017.00	
49 CFR 171-180	400-139.00		NATIONAL ENVIRONMENTAL POLICY ACT		
49 CFR 172	400-033.01		40 CFR 228	480-017.00	
	400-095.00		NATIVE AMERICAN GRAVES PROTECTION AND		
	400-097.00		REPATRIATION ACT	78	
	400-118.00		43 CFR 10	080-001.00	
	400-126.00		NUCLEAR WASTE POLICY ACT	45	
	400-127.00		10 CFR 2	700-083.00	
	400-139.00		10 CFR 60	700-022.00	
	400-149.00			700-069.00	
49 CFR 173	400-033.01		10 CFR 71	700-086.00	
	400-057.00		10 CFR 72	700-091.00	
	400-095.00			700-019.01	
	400-097.00			700-083.00	
	400-118.00			700-088.00	
	400-127.00			700-093.00	
	400-136.00		OCCUPATIONAL SAFETY AND HEALTH		
49 CFR 174	400-014.00		ACT	69	
	400-057.00		29 CFR 655(b)	780-070.00	
	400-129.00		29 CFR 657	780-070.00	
49 CFR 176	400-139.00		29 CFR 1904	780-059.00	
49 CFR 177	400-129.00		29 CFR 1910	780-041.00	
49 CFR 178	400-127.00			780-042.00	
	400-136.00			780-044.00	
	400-139.01			780-045.00	
49 CFR 179	400-118.00			780-047.00	
	400-139.01			780-051.00	
49 CFR 180	400-057.00			780-058.00	
	400-136.00			780-062.00	
49 CFR 192	400-039.00				

CFR CITATION	RU NUMBER	PAGE	CFR CITATION	RU NUMBER	PAGE
	780-063.00		POLLUTION PREVENTION ACT		20
	780-064.00		40 CFR 372	195-002.00	
	780-067.00				
	780-069.00		RESOURCE CONSERVATION AND RECOVERY		
	780-073.00		ACT		1
29 CFR 1910.134	780-011.00		40 CFR 124	840-316.00	
29 CFR 1910.1000	780-009.00			840-334.00	
	780-025.00		40 CFR 148	840-305.00	
29 CFR 1915	780-062.00		40 CFR 239	840-287.00	
	780-063.00		40 CFR 247-250	840-345.00	
	780-067.00		40 CFR 252	840-345.00	
29 CFR 1915.152	780-011.00		40 CFR 253	840-345.00	
29 CFR 1917	780-063.00		40 CFR 257	840-051.01	
	780-073.00			840-051.02	
29 CFR 1917-1918	780-062.00		40 CFR 258	840-051.01	
	780-067.00		40 CFR 258.51(b)	840-325.00	
29 CFR 1918	780-063.00		40 CFR 259	840-244.00	
	780-073.00		40 CFR 260	840-107.00	
29 CFR 1918.102	780-011.00			840-171.00	
29 CFR 1919	780-064.00			840-172.01	
29 CFR 1926	780-020.00			840-173.02	
	780-021.00			840-305.00	
	780-044.00		40 CFR 260.22	840-221.00	
	780-062.00		40 CFR 260-261	840-324.00	
	780-063.00		40 CFR 260-262	840-310.01	
	780-064.00			840-310.02	
	780-067.00			840-336.00	
	780-069.00		40 CFR 260-266	840-328.00	
29 CFR 1926.103	780-011.00			840-343.00	
29 CFR 1928	780-062.00		40 CFR 261	840-173.01	
	780-063.00			840-173.02	
	780-069.00			840-305.00	
41 CFR 101-106	780-071.00			840-307.00	
42 CFR 84	780-072.00			840-307.01	
				840-307.02	
				840-307.03	
OIL POLLUTION ACT OF 1990		29		840-318.00	
15 CFR 990	145-001.00			840-319.00	
40 CFR 112	145-002.00			840-321.00	
	145-002.01			840-322.00	
40 CFR 300	145-003.00			840-329.00	
49 CFR 194	145-010.00		40 CFR 262	840-340.00	
				840-346.00	
OTHER		82		840-351.00	
7 CFR Ch.VI	805-049.00		40 CFR 262.42	840-173.01	
			40 CFR 262.43	840-173.02	
15 CFR 7	805-070.00		40 CFR 263.20	840-211.01	
15 CFR 285	805-070.00		40 CFR 264	840-211.01	
18 CFR 2	805-063.00			840-107.00	
33 CFR Ch.II	805-049.00			840-133.01	
				840-142.01	
40 CFR Ch.I	805-049.00			840-171.00	
40 CFR 110	805-049.01			840-173.01	
40 CFR 116	805-049.01			840-173.02	
40 CFR 117	805-049.01			840-176.00	
40 CFR 122	805-049.01			840-248.01	
40 CFR 230	805-049.01		40 CFR 264.71	840-310.01	
40 CFR 232	805-049.01		40 CFR 264.72	840-310.02	
40 CFR 435	805-049.01		40 CFR 264.76	840-316.00	
50 CFR Ch.I and IV	805-049.00		40 CFR 264-265	840-335.00	
				840-211.01	
				840-211.01	
				840-324.00	
				840-336.00	
			40 CFR 265	840-107.00	

CFR CITATION	RU NUMBER	PAGE	CFR CITATION	RU NUMBER	PAGE
	840-133.01			880-011.00	
	840-142.01			880-013.01	
	840-173.01			880-034.00	
	840-173.02			880-034.01	
	840-248.01			880-046.00	
	840-316.00			880-050.00	
40 CFR 265.71	840-211.01			880-050.01	
40 CFR 265.72	840-211.01			880-060.00	
40 CFR 265.76	840-211.01			880-064.00	
40 CFR 266	840-056.02		40 CFR 142	880-007.00	
	840-307.01			880-010.02	
	840-307.03			880-011.00	
	840-329.00			880-013.01	
	840-335.00			880-034.00	
40 CFR 268	840-173.01			880-034.01	
	840-173.02			880-046.00	
	840-193.00			880-050.00	
	840-250.06			880-050.01	
	840-250.07			880-062.00	
	840-305.00			880-060.00	
	840-310.01		40 CFR 143	880-049.00	
	840-310.02		40 CFR 144	880-049.00	
	840-351.00		40 CFR 145	880-049.00	
40 CFR 270	840-107.00		40 CFR 146	880-049.00	
	840-133.01				
	840-171.00				
	840-173.01				
	840-173.02				
	840-176.00				
	840-191.01				
	840-295.00		40 CFR 28	190-059.00	
	840-316.00		40 CFR 355	190-065.00	
	840-334.00				
	840-336.00				
40 CFR 271	840-090.01				
	840-133.01				
	840-167.00				
	840-183.00				
	840-209.00				
	840-275.00				
	840-283.00				
	840-295.00		40 CFR 704	920-064.01	
	840-305.00		40 CFR 712	920-137.03	
	840-318.00				
	840-319.00		40 CFR 716	920-149.00	
	840-324.00				
	840-340.00		40 CFR 721	920-149.00	
	840-346.00		40 CFR 745	920-146.00	
	840-348.00				
40 CFR 271.15	840-151.00		40 CFR 749	920-146.00	
40 CFR 271.16	840-151.00		40 CFR 761	920-125.00	
40 CFR 273	840-307.00				
40 CFR 280	840-185.00				
	840-248.01		40 CFR 763	920-139.00	
	840-326.00		40 CFR 789-795	920-076.00	
40 CFR 281	840-326.00				
40 CFR 302	840-318.00		40 CFR 790	920-147.00	
	840-319.00		40 CFR 795-799	920-053.00	
	840-324.00		40 CFR 798	920-113.00	
	840-340.00		40 CFR 799	920-130.00	
	840-346.00				
	840-351.00				
40 CFR 761	840-248.01				
SAFE DRINKING WATER ACT		21			
40 CFR 35	880-030.00				
40 CFR 141	880-007.00		40 CFR 192	930-029.00	
	880-010.02				

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