



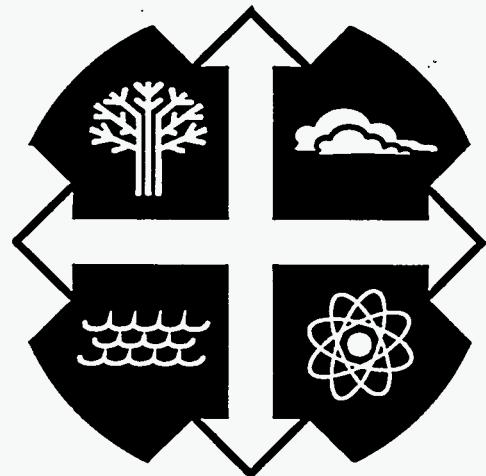
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# Environmental Regulatory Update Table

November/December 1994

DOE Office of  
Environmental  
Guidance (EH-23)



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ENVIRONMENTAL SCIENCES DIVISION

ENVIRONMENTAL REGULATORY UPDATE TABLE

NOVEMBER/DECEMBER 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**

**NOVEMBER/DECEMBER 1994**



## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994 UPDATE

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



## 1. Disposal of Polychlorinated Biphenyls - Notice of Proposed Rulemaking

EPA proposes to amend the Toxic Substances Control Act (TSCA) regulations at 40 CFR 761 to address the characterization, decontamination, marking, storage, reporting, record-keeping, and disposal requirements. EPA is proposing three approaches to the cleanup and disposal of remediation waste: self-implementing, performance-based, and risked-based. The self-implementing approach is patterned after the PCB spill cleanup policy with specified cleanup levels. Unlike the spill cleanup policy, however, this approach would apply to all spills including those occurring before May 4, 1987. Under this self-implementing option, three actions are available: capping, treatment using non-chlorinated solvent washing, and encapsulation or vitrification. For DOE this option will be limited since any facility listed on the National Priorities List (NPL) is excluded from exercising this approach. The performance-based approach includes the traditional TSCA disposal method currently in the regulations: incineration, high efficiency boilers, chemical waste landfills, and alternative destruction technologies. The risk-based approach would be similar to the current Comprehensive Environmental Recovery Compensation Liability Act (CERCLA) remediation approach. EPA proposes to also allow cleanup and disposal of PCBs under other regulatory programs [i.e., the Resource Conservation and Recovery Act (RCRA)], if the Regional Administrator approves the non-TSCA permit/approval. However, EPA reserves the right to impose additional conditions and require additional information. EPA would define PCB remediation and non-remediation wastes. For non-remediation wastes, EPA is proposing to allow disposal in a municipal waste landfill if approved by EPA. EPA will base its approval on the ability of the engineering and operation of the landfill to detect and control the releases of PCBs into the environment.

This proposed rule would establish decontamination procedures and standards for non-porous surfaces. A general standard would be set at  $10 \mu\text{g}/100 \text{ cm}^2$ . Additional decontamination standards are prescribed for water ( $0.5 \mu\text{g/l}$ ) and organic liquids not associated with remediation wastes ( $<2 \text{ ppm}$ ). EPA also proposes to authorize the use and distribution in commerce of non-liquid materials containing PCBs (including ventilation gaskets) in use prior to July 2, 1979, for the remainder of their useful life, where monitoring indicates that the migration of PCBs does not present an unreasonable risk of injury. The new authorization would require notification, marking, and monitoring of such PCB material. EPA proposes to allow research and development (R&D) activities without prior approval or permitting, if they conform to specified volume, concentration, and duration requirements. R&D which exceeded these limitations would be permitted on a case-by-case basis. The proposed rule would eliminate the current exempt status of pre-1978 disposal of polychlorinated biphenyls (PCBs) and establish a presumption that pre-1978 disposal does not present a risk of exposure and would not necessarily need further action. However, this presumption could be rebutted by the EPA Regional Administrator on a case-by-case basis, triggering the 40 CFR 761 disposal requirements. Various other changes are proposed in this rule, including: clarifying the one year time limit for storage, eliminating duplicative provisions and permitting requirements, temporary storage of

greater than 500 ppm of liquids, disposal of large volume PCB articles, prohibition of open burning, wet weight/dry weight clarification, and minor changes to the notification and manifesting provisions. The comment period for the proposed rule ends April 6, 1995. (12-6-94, 59 FR 62788, RU# 920-125.00)

## **2. Federal Radiation Protection Guidance for Exposure of the General Public - Proposed Recommendations**

EPA proposes guidelines to reflect the knowledge gained concerning the effect of ionizing radiation since the current radiation protection guidance was issued. The proposed guidance would differ from the current guidance in several significant ways. First, the radiation protection guide (RPG) for the maximum dose to a member of the public in a year would be reduced by a factor of five to 1 mSv (100 mrem). This RPG, applying to both external and internal exposures, replaces the previous RPG consisting of separate limits for the thyroid, bone marrow, and gonads. The proposed recommendation would use a risk-weighted dose limitation system which was originally introduced in 1977 by the International Commission on Radiological Protection. The new RPG would be expressed in terms of the sum weighted dose equivalents to all parts of the body called "effective dose equivalent" (EDE). The proposed guidance also incorporates the use of the "committed dose" as the primary means to control internal exposures and considers the present and future effect of doses to populations near and distant to the source. The proposed guidance also places increased emphasis on the as-low-as reasonably achievable (ALARA) concept. The proposed guidance directs that for specific sources the cumulative effect of other sources be considered in establishing the authorized limits to ensure the cumulative dose to an individual remains below the RPG. For federal activities, the recommendations for the first time recognize the need for and importance of informing the public of the exposures which are associated with or result from federal activities and federal policies underlying those actions. This guidance recommends public interaction in the decision process on policy issues that will affect them. The comment period for the proposed recommendations ends February 21, 1995.

(12-23-94, 59 FR 66414, RU# 100-336.00)

## **3. Addition of Certain Chemicals; Toxic Chemical Release Reporting; Community Right-to-Know - Final Rule**

EPA issues a final rule (NPRM: 1-12-94) amending the list of chemicals subject to reporting under section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). EPA adds 286 chemicals to the list of toxic chemicals which includes two new delineated categories containing 39 chemicals. EPCRA section 313 reporting for these chemicals will be required beginning with the 1995 calendar year and the reports for that calendar year, due to be submitted July 1, 1996. Three chemicals, clomazone, 5-chloro-2-(2,4-dichlorophenoxy)phenol, and tetrasodium, which were originally proposed for listing are not included in the proposed rule due to the lack of sufficient evidence of toxicity at this time to meet EPCRA's statutory criteria for listing.

EPA is also deferring final action on 40 chemicals and one chemical category which will require additional time to address difficult technical and policy issues raised during the comment process of the proposed rule. This rule is effective November 22, 1994.  
(11-30-94, 59 FR 61432, RU# 190-066.00)

**4. Alternate Threshold for Facilities with Low Annual Reportable Amounts; Toxic Chemical Release Reporting; Community Right-to-Know - Final Rule**

EPA issues a final rule (NPRM: 7-28-94) to establish an alternative threshold for reporting for those facilities having low annual reportable amounts of specific chemicals. This would enable facilities, who otherwise would have to submit reports under section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA), to submit a certification statement instead of a full Form R report. To qualify for this alternative threshold, the facility would have to manufacture, process, or otherwise use less than 1 million pounds of the chemical annually and have an annual reportable combined total quantity amount of 500 pounds or less of that chemical. In addition to submitting an annual certification statement, the facility must maintain accurate records substantiating the fact that the facility is eligible for the alternative threshold for each chemical. Any other chemicals at that facility which do not qualify for the alternative threshold must continue to be reported on Form R as currently required. If EPA determines that a facility does not qualify for the use of an alternative threshold, EPA can bring an enforcement action for the non-reporting of Form R. The final rule is effective for activities beginning January 1, 1995.

(11-30-94, 59 FR 61488, RU# 190-074.00)

**5. Standards Applicable to Owners and Operators of Closed and Closing Hazardous Waste Management Facilities; Post-Closure Permit Requirement; Closure Process; State Corrective Action Enforcement Authority - Proposed Rule**

EPA proposes to remove the requirement for a post-closure permit and allow EPA and authorized states to use alternative authorities to address facilities requiring post closure care. This rule would allow EPA to use an enforcement order to ensure proper closure and post-closure care at a facility. In the past, EPA has found it difficult if not impossible to issue post-closure permits to facilities which cannot meet the groundwater monitoring and financial assurance requirements, since 3005(c) of the Resource Conservation and Recovery Act (RCRA) requires facilities to be in compliance with these provisions before a post-closure permit can be issued. Facilities which use these alternative authorities must still comply with the substantive permit requirements for post-closure care. However, EPA indicates the post-closure permit process will generally be the preferable method for those cooperative facilities which can meet the above requirements. Interim status facilities will continue to be subject to the Part 265 requirements to obtain a post-closure plan. In addition, this rulemaking would subject facilities closing under interim status to comply with Part 264 subpart F groundwater monitoring, corrective action, and public participation requirements for permitted facilities. This rule would also amend the

information items required to be submitted for a post-closure permit to eliminate the information requirements not pertinent to post-closure. To assist in the implementation of this rule, the rule would also require states to adopt, as part of a adequate enforcement program, the authority to issue enforcement orders and compel corrective action at interim facilities. The comment period for the proposed rule ended January 9, 1995. (11-8-94, 59 FR 55778, RU# 840-316.00)

## **6. National Emission Standards for Hazardous Air Pollutants: Halogenated Solvent Cleaning - Final Rule**

EPA issues a final rule (NPRM: 11-29-93) under section 112 of the Clean Air Act (CAA) promulgating national emission standards for hazardous air pollutants (NESHAPs) for halogenated solvent cleaners (i.e., methylene chloride; perchloroethylene; trichloroethylene; 1,1,1 trichloroethane; carbon tetrachloride; and chloroform).

The NESHAP for halogenated solvent cleaners is divided into two parts. The first part addresses batch vapor solvent and in-line solvent cleaning machines, which are required to meet emissions standards reflecting the application of the maximum achievable control technology (MACT) for major and area sources. This standard provides three alternatives for owners or operators to achieve regulatory compliance. (1) An owner or operator of such machines may elect to comply with the equipment standard by installing one of the control combinations listed in the regulations in conjunction with specified work practice requirements and automated parts handling systems. (2) Alternatively, compliance can be attained if it can be demonstrated that the batch vapor or in-line cleaning machine can meet the idling mode emission limit specified in the standards. This alternative also entails compliance with specified work practice standards. (3) The final compliance alternative is to conform with the overall solvent emissions limit by ensuring that the emissions from each machine are less than or equal to the solvent emission levels specified in the standards. This alternative does not require compliance with work practice standards or the use of automated parts handling systems. Additionally, EPA is finalizing Method 307, which can be used to demonstrate compliance with the idling standard for batch vapor or in-line machines.

The second part of the NESHAP addresses batch cold cleaning machines, which are required to achieve generally available control technology (GACT). The standard promulgated for these machines is an equipment standard. However, owners or operators who choose one of the equipment options that does not include a water layer must also comply with work practice requirements, and there is no idling or overall solvent emissions standard applicable to batch cold cleaning machines.

EPA estimates that this rule will reduce nationwide hazardous air pollutants (HAPs) from halogenated solvent cleaning machines by 85,300 tons per year, or 63 percent by 1997 compared to future emissions in the absence of the regulation standards. This rule became effective December 2, 1994.

(12-2-94, 59 FR 61801, RU# 120-103.00)

## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
<b>RESOURCE CONSERVATION AND RECOVERY ACT</b>				
	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			
*840-051.02	Criteria for SW Disposal Facilities That May Accept CESQG HW 40 CFR 257	Planned NPRM 59 FR 58250 11/14/94	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.
*840-051.03	SW Disposal Facility Criteria - Alternative Monitoring Standards for Small Landfills 40 CFR 258	Final rule 58 FR 51536 10/01/93 Planned NPRM 59 FR 58247 11/14/94	In its final rule on solid waste disposal facility criteria, EPA noted that it will continue to accept comments on possible alternative groundwater monitoring standards for small landfills and will propose such standards in a future rulemaking.	NPRM 3/95. Final rule 9/95.
*840-051.04	SW Disposal Facility Criteria - Delay of Effective Date for Financial Assurance Requirements 40 CFR 258	NPRM 59 FR 52498 10/18/94	EPA proposes to delay the effective date of the financial assurance requirements in the federal criteria for municipal solid waste landfills under Subtitle D of RCRA.	Final rule 4/95.
*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 58259 11/14/94	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. Final rule undetermined; no schedule as yet.

(a) NPRM = Notice of Proposed Rulemaking; ANPRM = Advance Notice of Proposed Rulemaking; NOI = Notice of Intent; NDA = Notice of Availability.

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

## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-102.00	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 58252 11/14/94	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.	NPRM 10/95. Final rule 10/96.
*840-133.0	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 NOA 59 FR 28504 06/02/94 Regulatory Agenda 59 FR 58258 11/14/94	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 9/95.
*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 Final rule 59 FR 62896 12/06/94	EPA issues air emission standards for emissions of volatile organics from tanks and impoundments at hazardous waste TSD facilities. The standards 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.	Effective 6/5/95. See full text of rule for a schedule of compliance dates.
*840-151.00	Compliance Monitoring and Enforcement - State Programs 40 CFR 271.15 40 CFR 271.16	Planned NPRM 59 FR 58307 11/14/94	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.	NPRM on hold: no schedule as yet.
*840-160.00	State Hazardous Waste Management Program - South Carolina 40 CFR 271	Immediate final rule 59 FR 60910 11/29/94	EPA grants final authorization to South Carolina for revisions to its state hazardous waste management program, specifically, to the corrective action provisions and the LDRs, subject to public review and comment.	Effective 1/30/95.

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-167.00	State Hazardous Waste Management Program - Washington 40 CFR 271	NPRM 59 FR 14827 03/30/94 Immediate final rule 59 FR 55322 11/06/94	EPA grants final authorization to Washington for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Effective 11/4/94.</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 58255 11/14/94	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.	<u>Final rule 1/95.</u> <u>Additional final rule on pH method 4/95.</u>
*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 58249 11/14/94	EPA will propose to revise certain test methods and add other new test methods that are approved or required under RCRA. These new and revised methods are found in Update III to the Third Edition of SW-846.	NPRM 4/95. Final rule 9/96.
*840-173.03	Solid Waste Test Methods (Manual SW-846 Third Edition - Update IV) 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 58248 11/14/94	EPA will propose to revise certain test methods and add other new test methods that are approved or required under RCRA. These new and revised methods are found in Update IV to the Third Edition of SW-846.	<u>NPRM 7/96. Final rule 7/97.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-176.003	Groundwater Monitoring - Hazardous Constituents and Methods 40 CFR 264 40 CFR 270	Planned NPRM 59 FR 58260 11/14/94	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.	Rulemaking withdrawn 8/10/94.
*840-180.00	State Hazardous Waste Management Program - Alabama 40 CFR 271	Immediate final rule 59 FR 56407 11/14/94	EPA grants final authorization to Alabama for revisions to its state hazardous waste management program, specifically to Cluster II, Checklist 59 in non-HSWA Cluster V, and Checklist 70 in non-HSWA Cluster VI, subject to public review and comment.	Effective 1/13/94.
*840-185.00	USTs Containing Hazardous Substances - Financial Responsibility 40 CFR 280	ANPRM 53 FR 3818 02/09/88 Planned NPRM 59 FR 58254 11/14/94	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 NOA 59 FR 32427 06/23/94	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, and issues draft guidance on this issue. The ash is not subject at this time to LDRs, but EPA will promulgate ash-specific restrictions within six months.	Ash considered hazardous waste effective 6/7/94. Final guidance 3/95. NPRM 9/95.
*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 58255 11/14/94	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 on hold indefinitely, at least until 9/95.

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

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*840-209.00	State Hazardous Waste Management Program - North Carolina 40 CFR 271	Immediate final rule 59 FR 56000 11/10/94	EPA grants final authorization to North Carolina for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Effective 1/9/95.</u>
*840-211.01	Uniform Hazardous Waste Manifest - Amendment of Form 40 CFR 260-265 40 CFR 270 40 CFR 271	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 58251 11/14/94	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.	<u>NPRM 3/95. Final rule 3/96.</u>
*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 58255 11/14/94	EPA proposes to require those who submit delisting petitions for hazardous wastes to provide groundwater monitoring data as part of their petition.	<u>Final rule 1/95.</u>
*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).	<u>Final guidance undetermined. Program to be combined with air and water programs and multi-media guidance issued by 9/95.</u>
*840-238.00	State Hazardous Waste Management Program - Michigan 40 CFR 272	NPRM 59 FR 53132 10/21/94	EPA proposes to grant final authorization to Michigan for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Final rule 1/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
840-247.00	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 (MWTA) demonstration program. The program sets forth segregation, packaging, labeling, tracking, transportation, and recordkeeping requirements of medical waste generated in the covered states, and lists the wastes to be covered by the program. States participating in the program include NY, NJ, CT, RI, and Puerto Rico.	Interim final rule effective 6/22/89. Amendments effective 6/6/89. Tracking regulations effective 6/22/89 in NY, NJ, CT, 7/24/89 in RI and Puerto Rico. Final report to Congress undetermined.
*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 58258 11/14/94	EPA will issue a final rule revising Subtitle C financial test criteria for TSDF owners and operators to increase the availability of this mechanism to financially viable and stable firms and increase sensitivity to bankruptcy prediction.	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.	<u>Final guidance 3/95.</u>
*840-250.06	LDRs Phase III - Wastes Going to CWA and SDWA Systems Whose Treatment Standards Were Remanded 40 CFR 268	Planned NPRM 59 FR 57189 11/14/94	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.	<u>NPRM 2/95. Final rule 2/96.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

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 58251 11/14/94	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.
*840-270.00	State Hazardous Waste Management Program - Louisiana 40 CFR 271	Immediate final rule 59 FR 55368 11/07/94	EPA grants final authorization to Louisiana for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Effective 1/23/95.</u>
		Immediate final rule 59 FR 66200 12/23/94	EPA grants final authorization to Louisiana for revisions to its state hazardous waste management program, subject to public review and comment.	<u>Comments by 2/6/95.</u> <u>Effective 3/8/95.</u>
*840-287.00	Adequacy Determinations for State/Tribal Municipal Solid Waste Programs 40 CFR 239	Planned NPRM 59 FR 58253 11/14/94	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.	<u>NPRM 3/95. Final rule 12/95.</u>
*840-295.00	Treatment of Indian Tribes as States Under RCRA Subtitle C 40 CFR 270 40 CFR 271	Planned NPRM 59 FR 58252 11/14/94	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.	<u>NPRM 1/95. Final rule 1/96.</u>
*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.	<u>Proposed guidance 3/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
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 Regulatory Agenda 59 FR 58254 11/14/94	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.	Final rule 2/95.
840-307.02	Modification of the Hazardous Waste Program - Mercury-Containing Lamps 40 CFR 261	NPRM 59 FR 38288 07/27/94 Regulatory Agenda 59 FR 58257 11/14/94	EPA proposes two alternative approaches for the management of mercury-containing lamps under RCRA: (1) exclude from regulation as hazardous provided they are disposed of in permitted municipal landfills or managed in permitted mercury reclamation facilities, or (2) add mercury lamps to EPA's universal waste proposal rule (RU# 840-307.00).	Final rule 8/95.
840-307.03	Hazardous Waste Recycling; Use Constituting Disposal - Non-Encapsulated HTMR Slag Residues 40 CFR 266 40 CFR 268	NPRM 59 FR 8583 02/23/94 Final rule 59 FR 43496 08/24/94	EPA amends 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.	Effective 2/24/95.
840-310.01	HWIR Listed Wastes - Exemption Standards	Notice 59 FR 31238 06/17/94 Planned NPRM 59 FR 57187 11/14/94	EPA will modify regulations distinguishing "listed" hazardous wastes by establishing exemption standards for low risk "listed" wastes, in particular, for treatment residuals.	<u>NPRM 9/95. Final rule 3/97.</u>
840-310.02	HWIR Contaminated Media Wastes - Exemption Standards 40 CFR 260-262 40 CFR 264 40 CFR 268	Notice 59 FR 31238 06/17/94 Planned NPRM 59 FR 57189 11/14/94	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.	<u>NPRM 7/95. Final rule 7/96.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
#840-316.00	Hazardous Waste Management System - Post-Closure Requirements 40 CFR 264 40 CFR 265 40 CFR 270 40 CFR 271	NPRM 59 FR 55778 11/08/94	EPA proposes to amend regulations to (1) allow the Agency to use alternative authorities to a post-closure permit at facilities needing post-closure care, and (2) require authorized states to adopt enforcement authority to address corrective action at interim status facilities.	<u>Final rule 12/95.</u>
#840-318.00	Spent Solvents Listing Determination and Study 40 CFR 261 40 CFR 271 40 CFR 302	Planned NPRM 59 FR 58249 11/14/94	EPA will propose to list or not list as RCRA hazardous wastes ten spent solvents and/or still bottoms from their recovery. The solvents are cumene, phenol, isophorone, 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.	<u>NPRM 3/95. Final rule 5/96.</u>
#840-319.00	Chlorinated Aliphatics Listing Determination Under RCRA Subtitle C 40 CFR 261 40 CFR 271 40 CFR 302	Planned NPRM 59 FR 58249 11/14/94	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.	<u>NPRM 11/95. Final rule 10/96.</u>
#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 58260 11/14/94	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.	<u>Withdrawn 8/30/94.</u>
#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 58256 11/14/94	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).	<u>Final rule 6/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-324.00	Revision of Designation of Pentachlorophenol Listed Wastes and Basis for Listing Criteria 40 CFR 260-261 40 CFR 264-265 40 CFR 271 40 CFR 302	Planned NPRM 59 FR 58250 11/14/94	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 Subtitle D 40 CFR 258.51(b)	Planned NPRM 59 FR 58253 11/14/94	Subtitle D presently bans field filtering of groundwater monitoring samples. EPA will propose, based on comments/data, to allow States with EPA-approved permit programs to lift the ban on a site specific basis.	NPRM 1/95.
*840-326.00	Clarify Lender Liability for Underground Storage Tanks 40 CFR 280	NPRM 59 FR 30448 06/13/94 Regulatory Agenda 59 FR 58259 11/14/94	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.	<u>Final rule 8/95.</u>
*840-328.00	Hazardous Waste Imports/Exports - Implementation of OECD Decision for Recyclable Wastes 40 CFR 260-266	Notice 59 FR 50756 10/05/94 Planned final rule 59 FR 58256 11/14/94	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.	Final rule 1/95.
*840-329.00	Modifications to . Definition of Solid Waste and Hazardous Waste Recycling 40 CFR 261 40 CFR 266	Planned ANPRM 59 FR 58246 11/14/94	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.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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.	<u>Final document 8/95.</u>
*840-334.00	Expanded Public Participation and Combustion Permitting under RCRA 40 CFR 270	NPRM 59 FR 28680 06/02/94 Regulatory Agenda 59 FR 57201 11/14/94	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.	<u>Final rule 7/95.</u>
*840-335.00	Revised Technical Standards for Hazardous Waste Combustion Facilities 40 CFR 264 40 CFR 266	Planned NPRM 59 FR 57188 11/14/94	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.
*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 58252 11/14/94	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 Regulatory Agenda 59 FR 58256 11/14/94	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. EPA may propose to adjust the RQ for carbamates. (See RU# 180-155.00.)	<u>Final rule 2/95.</u>
*840-343.00	Regulations to Control Imports and Exports of Hazardous Wastes 40 CFR 260-266	Planned NPRM 59 FR 58247 11/14/94	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.	Next action undetermined; no schedule as yet.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*840-345.00	Guideline for Procurement of Products Containing Recovered Materials 40 CFR 247	NPRM 59 FR 18852 04/20/94 Regulatory Agenda 59 FR 58259 11/14/94	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 8/95.
*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.	<u>Final document 5/95.</u>
*840-345.02	Revisions to the Guideline for Procurement of Products Containing Recovered Materials 40 CFR 247	Planned NPRM 59 FR 58234 11/14/94	EPA has proposed a comprehensive procurement guideline (CPG) (see RU# 840-345.00) designating 21 new items for government procurement. This action would propose the first update to the CPG once it is promulgated.	<u>NPRM 9/95. Final rule 9/96.</u>
*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 Regulatory Agenda 59 FR 58255 11/14/94	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 5/95.
*840-352.00	Setting Priorities for Hazardous Waste Minimization - Methodology Document	NOA 59 FR 41442 08/12/94	EPA announces the availability of (1) a draft methodology document entitled "Setting Priorities for Hazardous Waste Minimization" and (2) a previously released document entitled "Draft RCRA Waste Minimization Plan."	<u>Final methodology document issued as addendum to final waste minimization plan issued in 11/94 (was not published in Federal Register).</u>
*840-355.00	State Hazardous Waste Management Program - New Hampshire 40 CFR 271	Immediate final rule 59 FR 56397 11/14/94	EPA grants final authorization to New Hampshire for revisions to its state hazardous waste management program, specifically to its base RCRA program, non-HSWA requirements prior to non-HSWA Cluster I, non-HSWA Clusters I-V, and certain components of HSWA Clusters I and II, subject to public review and comment.	<u>Effective 1/13/94.</u>

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*840-356.00	National Capacity Assessment Report - Availability of Draft	NOA 59 FR 59226 11/16/94	EPA announces the availability of the draft National Capacity Assessment Report, which contains preliminary assessments of states' available capacity to manage hazardous wastes projected to be generated through the year 2013.	<u>Comments by 1/17/95.</u>
*840-357.00	Characterization of Municipal Solid Waste in the U.S.	NOA 59 FR 64407 12/14/94	EPA announces the availability of the "Characterization of Municipal Solid Waste in the United States: 1994 Update." Available from NTIS or electronically on the Internet through the EPA public access server at gopher.epa.gov.	
*840-358.00	Standards for Management and Use of Slag Residues Derived from HTMR Treatment of K061, K062, and F006 Wastes 40 CFR 261 40 CFR 266 40 CFR 268	NPRM 59 FR 67256 12/29/94	EPA proposes to allow residues ("slags") generated from the treatment of pollution control dusts resulting from scrap metal high temperature metal recovery (HTMR) processes to be used as a product in road construction and as an anti-skid/deicing material on road surfaces.	<u>Comments by 2/13/95.</u>
<b>COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT</b>				
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				
Delegations of Authority under the FWPRA, the OPA, and CERCLA -- RU# 145-016.00				
*180-025.01	Type B Natural Resource Damage Assessments - Biennial Review 43 CFR 11	ANPRM 59 FR 52749 10/19/94 Planned NPRM 59 FR 57688 11/14/94	The Department of Interior initiates a biennial review of the regulations in 43 CFR 11 for assessing natural resource damages resulting from a discharge of oil into navigable waters under the CWA or a release of a hazardous substance under CERCLA.	NPRM 6/95.
*180-025.02	Natural Resource Damage Assessments - Type B, Contingent Valuation (Non-Use Values) 43 CFR 11	NPRM 59 FR 23098 05/04/94 Regulatory Agenda 59 FR 57689 11/14/94	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.	Final rule 5/95.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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 Correction 59 FR 32389 06/23/94 Regulatory Agenda 59 FR 58303 11/14/94	EPA proposes to clarify the federally permitted release exemptions from CERCLA release reporting and liability provisions.	Final rule undetermined; no schedule as yet.
*180-056.00	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 proposes to designate 226 extremely hazardous substances (EHSSs), as defined in Sect. 302 of SARA, as hazardous substances pursuant to Sect. 102 of CERCLA. EPA intends to reduce potential confusion concerning the different SARA Title III and CERCLA requirements by ensuring consistent procedures for reporting releases of all EHSSs.	Final rule on hold; <u>no action before 6/95.</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.	Final rule on hold; <u>no action before 6/95.</u>
*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 NPRM 59 FR 63300 12/08/94	The Department of Interior proposes amendments to regulations in 43 CFR 11 to revise the existing type A procedure for assessing natural resource damages in coastal and marine environments.	Comments by 2/6/95. <u>Final rule 9/95.</u>

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*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 NPRM 59 FR 40319 08/08/94 Comment period extended 59 FR 54877 11/02/94 Regulatory Agenda 59 FR 57113 11/14/94	The Department of Interior proposes to amend its regulations in 43 CFR 11 to include an additional "Type A" procedure for assessing natural resource damages in Great Lakes' environments. Amendments are also proposed for all type A procedures.	<u>Comments by 2/6/95.</u> Final rule undetermined.
*180-086.00	Toxicological Profiles	NOA 59 FR 56498 11/14/94	ATSDR announces the availability of six final and nine updated toxicological profiles of priority hazardous substances under CERCLA.	
*180-096.00	CERCLA Cost Recovery Program 40 CFR 300 40 CFR 308	NPRM 57 FR 34742 08/06/92 Regulatory Agenda 59 FR 58308 11/14/94	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 10/95.
*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 58304 11/14/94	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.	<u>Final rule 2/95.</u>

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*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 58304 11/14/94	EPA proposes procedures for OSWER to deal consistently with Contract Laboratory Program (CLP) labs under investigation for alleged fraud.	Final rule of low priority; no schedule as yet.
*180-126.00	National Priorities List - Thirteenth Update 40 CFR 300	NPRM 57 FR 47204 10/14/92 Final rule 59 FR 65206 12/16/94	EPA adds 18 sites to the NPL under CERCLA including three sites from the thirteenth update. Four federal facilities are added, none of which are DOE-owned or operated.	<u>Effective 1/17/95.</u>
*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 58302 11/14/94	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. A supplemental notice will request comment on broadening the exemptions.	<u>Supplemental NPRM 3/95.</u> <u>Final rule 3/96.</u>
*180-136.00	Enforcement of Employee Safety Standards at Nuclear Weapon Facilities	Regulatory Agenda 59 FR 57515 11/14/94	DOE will propose to assess civil penalties against contractors at DOE nuclear weapons facilities who fail either to provide training to employees or to certify that workers have been adequately trained.	<u>RU# changed to 805-079.00.</u>
*180-144.00	Policy for Deleting RCRA Sites from NPL 40 CFR 300	NPRM 53 FR 51421 12/21/88 Regulatory Agenda 59 FR 58303 11/14/94	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.	<u>Final rule undetermined.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*180-147.00	Reportable Quantity Adjustment for Radon-222 40 CFR 302	Planned NPRM 59 FR 58301 11/14/94	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.	<u>NPRM 1/95. Final rule 4/95.</u>
*180-148.00	National Priorities List - Seventeenth Update 40 CFR 300	NPRM 59 FR 43314 08/23/94 Final rule 49 FR 65206 12/16/94	EPA adds 18 sites to the NPL under CERCLA, including 6 from the seventeenth update. Four federal facilities are added, none of which are DOE-owned or -operated.	<u>Effective 1/17/95.</u>
180-149.00	Determining the Appropriateness of CERCLA Medical Monitoring Program - ATSDR's Criteria	NOA 59 FR 46648 09/09/94	The Agency for Toxic Substances and Disease Registry issues draft criteria for determining the appropriateness of site-specific medical monitoring programs under CERCLA.	Next action undetermined.
*180-152.00	Working Group on Carcinogenic Substance Listing Criteria for Biennial Report	Notice 59 FR 54620 11/01/94	The National Toxicology Program (NTP) announces the establishment of an adhoc working group of the NTP Board of Scientific Counselors to review and make recommendations on the criteria for listing substances in the Biennial Report on Carcinogens.	
*180-153.00	Annual Report on Carcinogens	NOA 59 FR 63100 12/07/94	The National Toxicology Program announces the availability of the Seventh Annual Report on Carcinogens which lists all substances which are known to be carcinogens and to which a significant number of persons residing in the U.S. are exposed.	<u>Comments at any time. Available from NTIS (1-800-553-6847), Report No. PB 95-109781.</u>
*180-154.00	Validation and Acceptance of Alternative Testing Methods	Notice 59 FR 63100 12/07/94	The National Institute of Environmental Health Sciences seeks comments on criteria and processes to be established for the validation and regulatory acceptance of alternative testing methods in toxicology research.	<u>Comments by 2/6/95.</u>
*180-155.00	Reportable Quantity Adjustments for Carbamates 40 CFR 302	Planned NPRM 59 FR 58301 11/14/94	EPA has proposed to list certain carbamate wastestreams as RCRA hazardous wastes and CERCLA hazardous substances. (See RU# 840-340.00.) EPA may propose to adjust the RQs of these wastes.	<u>NPRM 5/95. Final rule undetermined.</u>

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

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*180-156.00	Draft Soil Screening Guidance	NOA 59 FR 67706 12/30/94	EPA announces the availability of: (1) draft "Soil Screening Guidance Quick Reference Fact Sheet" (EPA/540/R-94/101) which, when finalized, will serve as a tool to expedite the evaluation of contaminated soils at CERCLA sites; (2) "Technical Background Document for Draft Soil Screening Guidance" (EPA/540/R-94/102); and (3) "Draft Soil Screening Guidance: Issues Document" (EPA/540/R-94/105).	Comments by 3/1/95. Copies available from NTIS.
<b>FEDERAL FACILITY COMPLIANCE ACT</b>				
185-002.00	DOE Site-Specific Plans for Treating Mixed Waste	Notice 58 FR 17875 04/06/93 NOA 59 FR 44979 08/31/94	DOE announces the availability of Draft Site Treatment Plans for each of its 48 sites for treating its mixed waste. The Plans contain the sites' preferred treatment options for this waste, where available.	Proposed site treatment plans 2/95.
<b>SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT</b>				
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 58302 11/14/94	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 undetermined.
*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 Regulatory Agenda 59 FR 58221 11/14/94	In response to a petition, EPA proposes to delete ammonium sulfate (solution) from the list of toxic chemicals under Sect. 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.

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**REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994**

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*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 Regulatory Agenda 59 FR 58308 11/14/94	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.	<u>Final rule on hold; may be withdrawn or combined with another rule.</u>
*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.	<u>Final rule undetermined.</u>
*190-064.01	Toxic Chemical Release Reporting - Hydrogen Sulfide and Methyl Mercaptan 40 CFR 372	Administrative stay 59 FR 43048 08/22/94	EPA announces an administrative stay of the EPCRA Sect. 313 toxic chemical release reporting requirements for hydrogen sulfide and methyl mercaptan while the Agency reviews new data and information made available subsequent to the promulgation of the 12/1/93 final rule.	Stay effective 8/22/94. <u>Next action 1/95; may issue reproposed NPRM.</u>
*190-065.00	Amendments to the Extremely Hazardous Substances List Under EPCRA 40 CFR 355	NPRM 59 FR 51816 10/12/94 Regulatory Agenda 59 FR 58303 11/14/94	EPA proposes to delete from the extremely hazardous substance list phosphorous pentoxide, diethylcarbamazine citrate, fenitrothion, and tellurium and to revise the threshold planning quantity for isophorone diisocyanate.	<u>Final rule 10/95.</u>
*190-066.00	EPCRA Toxic Release Inventory - Expanded List of Chemicals 40 CFR 372	NPRM 59 FR 1788 01/12/94 Final rule 59 FR 61432 11/30/94	EPA adds 286 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.	<u>Effective 11/22/94.</u>
*190-066.01	EPCRA Toxic Release Inventory - Expanded Facilities List 40 CFR 372	Planned NPRM 59 FR 58220 11/14/94	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 - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*190-072.00	Amendments to EPCRA Sections 302 through 312 40 CFR 355 40 CFR 370	Planned NPRM 59 FR 58303 11/14/94	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.	<u>NPRM possibly by 6/95.</u>
*190-074.00	Alternate Threshold for Low-Level Releases and Transfers 40 CFR 372	NPRM 59 FR 38524 07/28/94 Final rule 59 FR 61488 11/30/94	EPA establishes an alternate reporting threshold for those facilities with low-level releases and transfers that would otherwise meet reporting requirements under Sect. 313 of EPCRA.	<u>Effective 11/22/94 except for certain portions still unapproved by OMB.</u>
*190-077.00	Toxic Chemical Release Reporting - Acetone 40 CFR 372	NPRM 59 FR 49888 09/30/94 Regulatory Agenda 59 FR 58221 11/14/94	In response to a petition, EPA proposes to delete acetone from the list of toxic chemicals subject to reporting under Sect. 313 of EPCRA.	<u>Next action 5/95.</u>

## POLLUTION PREVENTION ACT

EPCRA Toxic Release Inventory - Expanded List of Chemicals -- RU# 190-066.00

EPCRA Toxic Release Inventory - Expanded Facilities List -- RU# 190-066.01

*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 58226 11/14/94	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.	<u>Supplemental NPRM 5/95.</u> <u>Final rule 12/95.</u>
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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
<b>SAFE DRINKING WATER ACT</b>				
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, SDWA, and CAA -- 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 57201 11/14/94	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 58243 11/14/94	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.	<u>NPRM 3/95.</u>
*880-011.00	NPDWRs - Groundwater Disinfection 40 CFR 141 40 CFR 142	NOA 57 FR 33960 07/31/92 Planned NPRM 59 FR 57185 11/14/94	EPA will propose that all public water systems using groundwater use disinfection treatment processes unless they have natural disinfection or meet specified variance criteria. EPA makes available a draft summary of the Groundwater Disinfection Rule.	NPRM 8/95. Final rule 8/97.
*880-013.01	NPDWRs - Sulfate 40 CFR 141 40 CFR 142	NPRM 59 FR 65578 12/20/94	EPA proposes an MCL and MCLG of 500 mg/L for sulfate. The proposal contains alternatives that allow public water systems the flexibility to select compliance options appropriate to the population served.	<u>Comments by 3/21/95.</u> Final rule 5/96.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*880-030200	Wellhead Protection and Sole Source Aquifer Demonstration Programs - Indian Tribes 40 CFR 35	NPRM, 52 FR 46712 12/09/87 Regulatory Agenda 59 FR 58246 11/14/94	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.	<u>Withdrawn 9/1/94 because no further action is expected in the next 12 months.</u>
*880-034.01	NPDWRs - Lead and Copper 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 58242 11/14/94	EPA will propose revisions to the NPDWRs for lead and copper to make minor changes needed to improve implementation of the rule.	<u>NPRM 4/95. Final rule 4/96.</u>
*880-046.00	NPDWRs - Arsenic 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 58243 11/14/94	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.	<u>NPRM 11/95. Final rule 11/97.</u>
*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 57186 11/14/94	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 11/96.</u>
*880-050.00	NPDWRs - Contaminants from First Drinking Water Priority List (Phase VI-A) (Disinfection Byproducts Rule) 40 CFR 141 40 CFR 142	NOI 57 FR 42533 09/15/92 Notice 57 FR 53866 11/13/92 Notice 57 FR 61867 12/29/92 NPRM 59 FR 38668 07/29/94 Planned NPRM 59 FR 58245 11/14/94	EPA proposes NPDWRs for certain disinfectants used in drinking water systems and their byproducts. Maximum residual disinfectant level goals are set for the disinfectants, while MCLGs are set for the byproducts.	<u>Final rule 12/96.</u>

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*880-050.01	NPDWRs - Contaminants from First Drinking Water Priority List (Phase VI-B) 40 CFR 141 40 CFR 142	Planned NPRM 59 FR 57185 11/14/94	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.
*880-050.02	NPDWRs - Contaminants from First Drinking Water Priority List (Phase VI-A) (Surface Water Treatment Rule) 40 CFR 141 40 CFR 142	NPRM 59 FR 38832 07/29/94 Regulatory Agenda 59 FR 58245 11/14/94	EPA proposes to amend the Surface Water Treatment Rule to provide additional protection against disease-causing organisms in drinking water. The rule would apply to all PWS that use surface water or ground water under the direct influence of surface water and serve 10,000 or more people.	Comments by 5/30/96. Final rule 12/96.
*880-060.01	Revision of Analytical Methods for Regulated DW Contaminants 40 CFR 141	NPRM 58 FR 65622 12/15/93 Notice 59 FR 35891 07/14/94 Final rule 59 FR 62456 12/05/94	EPA approves new methods, withdraws outdated methods, and updates older methods used for the analysis of regulated contaminants in drinking water under the SDWA.	<u>Effective 1/4/95.</u> Part II of final rule to be issued 2/95.
*880-062.00	Drinking Water Primacy Withdrawal Regulation 40 CFR 142	NPRM 59 FR 40458 08/08/94 Regulatory Agenda 59 FR 58245 11/14/94	EPA proposes revisions to the regulations governing the Agency's process for initiating the withdrawal of a state's primary enforcement responsibility for the Public Water System Supervision program under the SDWA.	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 58245 11/14/94	EPA proposes to require that certain public water systems conduct monitoring for certain microorganisms and disinfection byproducts and provide the results to EPA.	<u>Final rule 5/95.</u>

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<b>CLEAN WATER ACT</b>				
	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			
	Contractor Listing Regulations -- RU# 120-190.00			
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; issue 2/95.
*140-018.03	Guidelines Establishing Test Procedures for the Analysis of Pollutants - Chlorinated Pesticides and PCBs 40 CFR 136	NPRM 59 FR 65878 12/21/94	EPA proposes to approve the use of an additional procedure for the determination of chlorinated pesticides and PCBs in wastewater. The proposed method incorporates a disk of octadecyl bonded silica enmeshed in a matrix of inert PTFE fibrils for extraction of the analytes.	<u>Comments by 1/20/95.</u>
*140-035.02	Amendments to Sewage Sludge Use and Disposal Rule 40 CFR 503	Planned NPRM 59 FR 58233 11/14/94	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.	<u>NPRM 12/95. Final rule 6/97.</u>
*140-035.03	Standards for Use or Disposal of Sewage Sludge (Round II) 40 CFR 503	Planned NPRM 59 FR 58232 11/14/94	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 Regulatory Agenda 59 FR 58239 11/14/94	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.	Pursuant to a settlement agreement, 301(k) regulations were vacated; notice explaining this to be published in 1/95.

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*140-084.00	NPDES Permit Application Forms - Municipal Discharges and Sewage Sludge Use and Disposal 40 CFR 122.21(j)	Planned NPRM 59 FR 58237 11/14/94	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.	<u>NPRM 3/95. Final rule 3/97.</u>
*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.	<u>Final permits and fact sheets 4/95.</u>
*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.	<u>On hold until CWA is reauthorized. May issue interim final rule by 4/95.</u>
*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 issuing final rule; perhaps by 2/95.</u>
*140-089.01	Guidelines for Establishing Test Procedures for the Analysis of Pollutants - Acute and Chronic Toxicity 40 CFR 136	Planned NPRM 59 FR 58234 11/14/94	EPA will propose to add new biological measurements and test procedures for the analysis of pollutants, including methods for measuring acute and chronic toxicity to freshwater and marine species exposed to pollutants in effluents and receiving waters.	<u>NPRM 1/95.</u>

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*140-103.01	Treatment of Indian Tribes as States - Program Authorization under the CWA, SDWA, and CAA 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 Final rule 59 FR 64339 12/14/94	EPA amends its regulations to implement a new policy concerning the treatment of Indian tribes as states for program authorization purposes under the CWA, SDWA, and CAA.	<u>Effective 12/14/94.</u>
*140-108.00	Waste Handling Practices for Vessels and Waste Transfer Stations 40 CFR 237	NPRM 59 FR 44798 08/30/94 Regulatory Agenda 59 FR 58238 11/14/94	EPA proposes to require: (1) 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) the submission and adoption of an operation and maintenance manual of procedures to prevent, report, and clean up waste deposits; and (3) installation of tracking systems if deemed appropriate.	Final rule 9/95.
*140-109.00	Waste Treatment Industry Effluent Guidelines and Standards - CWT Facilities (Phase I) 40 CFR 437	Planned NPRM 59 FR 58234 11/14/94	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.	<u>NPRM 1/95.</u> 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 58235 11/14/94	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.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*140-111.00	CWA Section 404 Program Definition - Isolated Waters and Artificial Wetlands 40 CFR 232	Planned NPRM 59 FR 58237 11/14/94	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.
140-114.00	Bioconcentratable Contaminants	NOA 56 FR 13150 03/29/91 NOA 59 FR 32428 06/23/94	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 9/95.
*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 NOA 59 FR 44678 08/30/94 Regulatory Agenda 59 FR 57199 11/14/94	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. EPA announces the availability of three reports it is considering as it develops the final guidance for the Great Lakes System. The reports address conversion factors for total recoverable metal criteria, fish consumption rate adjustments, and changes in bioaccumulation factor derivation methodology.	Final rule 3/95.
*140-135.00	Comparison of Dredged Material to a Reference Sediment 40 CFR 230	Planned NPRM 59 FR 58237 11/14/94	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 1/95. Final rule 5/95.

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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.	<u>Final criteria undetermined.</u>
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.	Final criteria early 1996.
140-139.01	Contaminated Sediment Management Strategy	NOA 59 FR 44880 08/30/94	EPA announces the availability of its proposed Contaminated Sediment Management Strategy (CSMS) which describes specific action EPA will take to reduce environmental and human health risks associated with contaminated sediment.	Final strategy undetermined.
*140-142.00	Cooling Water Intake Structures - Criteria and Standards Reflecting BTA 40 CFR 125 40 CFR 401	Planned NPRM 59 FR 58236 11/14/94	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.	Data collection started; NPRM in Fall of 1997.
*140-143.00	NPDES Industrial Permit Application Form 2C - Wastewater Discharge 40 CFR 122.21(g)	Planned NPRM 59 FR 58237 11/14/94	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	Regulatory Agenda 59 FR 58241 11/14/94	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.	<u>Combined with RU# 140-111.00 and will be tracked there.</u>
*140-145.01	Dredged Material Testing and Evaluation Manual - Great Lakes System	NOA 59 FR 65358 12/19/94	EPA announces the availability of the draft testing manual entitled "Great Lakes Dredged Material Testing and Evaluation Manual (Draft)" prepared by EPA and COE. The manual contains specific information for the Great Lakes system, including detailed bioassay test protocols.	<u>Comments by 3/21/95.</u>

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
140-148.00	Nationwide Strategy for Improving Water-Quality Monitoring	NOA 59 FR 48448 09/21/94	The USGS announces the availability of a draft report entitled "The Nationwide Strategy for Improving Water-Quality Monitoring" prepared by the Intergovernmental Task Force on Monitoring Water Quality.	Final report by 1/95.
*140-149.00	Recreational Water Quality Criteria for Microorganisms 40 CFR 134	Planned ANPRM 49 FR 58232 11/14/94	EPA will conduct a policy dialogue with other stakeholders to determine what is needed and what can be done to improve microbiological health criteria and monitoring procedures for recreational waters.	<u>ANPRM 1/95.</u>
*140-150.00	Sewage Sludge Incinerators - Continuous Emission Monitoring and Other Limitations 40 CFR 503	Planned NPRM 59 FR 58238 11/14/94	EPA will modify existing regulations to delete the "as specified" language, which requires case-by-case designation of controls by the permitting authority, and replace it with appropriate specific requirements.	<u>NPRM 2/95. Final rule 12/95.</u>
<b>OIL POLLUTION ACT OF 1990</b>				
*145-001-000	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 Regulatory Agenda 59 FR 57040 11/14/94	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.	<u>Final rule 1/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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 58254 11/14/94	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.
*145-010.00	DOT Response Plans for Onshore Oil Pipelines 49 CFR 194	Interim final rule 58 FR 244 01/05/93 Regulatory Agenda 59 FR 57989 11/14/94	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. Final rule 1/95.
*145-016.00	Delegations of Authority Under the FWPCA, the OPA, and CERCLA 33 CFR 1 33 CFR 153	Final rule 59 FR 66482 12/27/94	The Coast Guard redesignates and revises certain regulations relating to delegation of authority. The changes incorporate amendments to the Federal Water Pollution Control Act (FWPCA) made by the Oil Pollution Act of 1990 (OPA), provisions added to the U.S.C. by OPA, and certain provisions of CERCLA.	Effective 12/27/94.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
<b>CLEAN AIR ACT</b>				
	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			
	Treatment of Indian Tribes as States - Program Authorization under the CWA, SDWA, and CAA -- RU# 140-103.01			
	Sewage Sludge Incinerators - Continuous Emission Monitoring and Other Limitations -- RU# 140-150.00			
*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 Reproposed NPRM 59 FR 58958 11/15/94 Comment period extended 59 FR 67255 12/29/94	EPA proposes not to revise the current 24-hour and annual primary NAAQS for sulfur dioxide under the CAA, but also solicits comment on the need to adopt alternative regulatory measures to address short-term peak exposures to SO <sub>2</sub> .	Comments by <u>3/15/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-004.01	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 57191 11/14/94	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 58260 11/14/94	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 11/95.
*120-017.01	NSPS for Nitrogen Oxide Emissions from Electric Utility Steam Generating Units 40 CFR 60.40	Planned Nprm 59 FR 58284 11/14/94	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.	Nprm 10/95. Final rule 10/96.
*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.	<u>Final rule 4/95.</u>
*120-076.01	Supplement to the Guideline on Air Quality Modeling 40 CFR 51 40 CFR 52	Nprm 59 FR 60740 11/28/94	EPA proposes several additions and changes to the "Guideline on Air Quality Models (Revised)," found in Appendix W of 40 CFR 51. Air quality models are used to predict ambient concentrations of pollutants.	Final rule undetermined.

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*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 58268 11/14/94	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.	Final review of criteria document completed. Court deadline of 2/95 for ANPRM. Final rule by 3/96. Behind schedule; may need to obtain extension of deadline.
120-093.00	NESHAPs - Hazardous Organics ("HON" Rule) 40 CFR 63	NPRM 57 FR 62608 12/31/92 Final rule 59 FR 19402 04/22/94	EPA sets emission limits for certain organic hazardous air pollutants from synthetic organic chemical manufacturing industry production processes under Sect. 112.	Effective 4/22/94.
		Correcting amendments 59 FR 48175 09/20/94	EPA corrects errors and clarifies regulatory text in the 4/22/94 final rule concerning emission limits for certain organic hazardous air pollutants from synthetic organic chemical manufacturing industry production processes.	Effective 9/20/94.
		Partial stay and reconsideration 59 FR 53359 10/24/94	EPA issues a partial 3-month stay of the effectiveness of the NESHAPs for certain organic hazardous air pollutants from synthetic organic chemical manufacturing industry (SOCMI) production processes. The stay is due to concerns over the resolution of the area source definition.	Effectiveness stayed from 10/24/94 to 1/23/95.
		Partial stay 59 FR 54131 10/28/94	EPA issues a partial 3-month stay of the effectiveness of the NESHAPs for certain organic hazardous air pollutants from synthetic organic chemical manufacturing industry (SOCMI) production processes. The stay applies to compressors, surge control vessels, and bottoms receivers.	Effectiveness stayed from 10/28/94 to 1/27/95.

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*120-093.01	NESHAPS - Hazardous Organics ("HON" Rule) - Determination of MACT "Floor" 40 CFR 63	NPRM 57 FR 62608 12/31/92 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.	Effective 6/6/94.
		Correcting amendments 59 FR 48175 09/20/94	EPA corrects errors and clarifies regulatory text in the 6/6/94 final rule concerning emission limits for certain organic hazardous air pollutants from synthetic organic chemical manufacturing industry production processes.	Effective 9/20/94.
		Partial stay and reconsideration 59 FR 53359 10/24/94	EPA issues a partial 3-month stay of the effectiveness of the NESHAPS for certain organic hazardous air pollutants from synthetic organic chemical manufacturing industry (SOCMI) production processes.	Effectiveness stayed from 10/24/94 to 1/23/95.
		Partial stay 59 FR 54131 10/28/94	EPA issues a partial 3-month stay of the effectiveness of the NESHAPS for certain organic hazardous air pollutants from synthetic organic chemical manufacturing industry (SOCMI) production processes. The stay applies to compressors, surge control vessels, and bottoms receivers.	Effectiveness stayed from 10/28/94 to 1/27/95.
*120-093.02	NESHAPS - Hazardous Organics ("HON") Rule - Exemptions 40 CFR 63	NPRM 59 FR 53392 10/24/94	EPA proposes to defer compliance with the HON for sources meeting certain criteria (designation as "area sources") and extend the compliance date for sources affected by the stay of RU#s 120-093.00 and 120-093.01 for as long as is necessary to complete the rulemaking granting this deferral.	<u>Final rule undetermined.</u>
*120-093.03	NESHAPS - Hazardous Organics ("HON") Rule - Extension of Compliance Dates 40 CFR 63	NPRM 59 FR 54154 10/28/94	EPA proposes to extend compliance dates in the NESHAP for certain hazardous organic pollutants from SOCMI production processes as applied to compressors, surge control vessels, and bottoms receivers to allow time for installation of controls.	<u>Final rule undetermined.</u>

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*120-105.00	NESHAPs - Organic Solvent Degreasing 40 CFR 9 40 CFR 63	NPRM 58 FR 62566 11/29/93 Final rule 59 FR 61801 12/02/94  Correction 59 FR 67750 12/30/94	EPA issues national emission standards for certain organic hazardous air pollutants from new and existing halogenated solvent cleaning machines. EPA also finalizes Method 307 with the standard.  EPA corrects the 12/2/94 final rule that established NESHAPs for halogenated solvent cleaners to add the compliance deadline of 12/2/97 for cleaners that were constructed or reconstructed by 11/29/93.	<u>Effective 12/2/94.</u>
*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.	<u>Final rule 4/95.</u>
*120-115.01	NSPS - New Municipal Waste Combustors - New Subpart Eb 40 CFR 60	NPRM 59 FR 48198 09/20/94 Regulatory Agenda 59 FR 57193 11/14/94	EPA proposes NSPS and emission guidelines under a new Subpart Eb to regulate emissions from new municipal waste combustor units with aggregate plant capacity above 35 megagrams (Mg) per day.	Final rule 9/95.
*120-115.02	NSPS - Existing Municipal Waste Combustors - New Subpart Cb 40 CFR 60	NPRM 59 FR 48228 09/20/94 Regulatory Agenda 59 FR 58268 11/14/94	EPA proposes NSPS and emission guidelines under a new Subpart Cb to regulate emissions from existing municipal waste combustor units with aggregate plant capacity above 35 megagrams (Mg) per day.	Final rule 9/95.
*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 58291 11/14/94	EPA proposes to add subpart WWW to 40 CFR 60 for control of new sources and proposes emission guidelines and compliance schedules for existing sources under subpart C. Subpart WWW 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.	<u>Final rule 4/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-138.03	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 58288 11/14/94	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.	Stay of Subpart I expired 11/15/92. Subpart I is now in effect. <u>Final rule rescinding Subpart I 1/96.</u>
*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 58288 11/14/94	EPA proposes to rescind Subpart I as it applies to nuclear power reactors.	Final rule undetermined.
*120-137.02	Revision of SIP Completeness Criteria 40 CFR 51	Planned NPRM 59 FR 58265 11/14/94	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.	<u>NPRM 1/95. Final rule 6/95.</u>

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*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 58289 11/14/94	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 1/95. Final rule 8/95.
*120-149.00	NESHAPs - Asbestos Processing (MACT Revisions) 40 CFR 63	Planned NPRM 59 FR 58269 11/14/94	EPA is considering revising the asbestos NESHAP to require maximum achievable control technology standards for process sources such as milling, manufacturing, and fabrication industries.	<u>Rulemaking to be withdrawn 1/95.</u>
*120-158.00	NSPS - Medical Waste Incineration 40 CFR 60	Planned NPRM 59 FR 57192 11/14/94	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 40 CFR 50	Notice 59 FR 61892 12/02/94	EPA designates another reference method for the measurement of ambient concentrations of nitrogen dioxide. The new method is an automated analyzer which utilizes the measurement principle and calibration procedure specified in Appendix F of 40 CFR 50.	
*120-166.01	Source Category List Litigation - Proposed Settlement	Notice 59 FR 55660 11/08/94	EPA gives notice of a proposed settlement of a case involving a challenge to the initial list of categories of sources published 7/16/92. The settlement involves the exclusion of utility boilers from the initial list.	
*120-167.01	Federal Operating Permit Programs - Permits for Early Reductions Sources 40 CFR 9 40 CFR 63 40 CFR 71	NPRM 58 FR 68804 12/29/93 Final rule 59 FR 59921 11/21/94	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 establishes an interim permitting mechanism for such sources.	<u>Effective 11/21/94.</u>
*120-171.00	Prevention of Significant Deterioration and New Source Review 40 CFR 51 40 CFR 52	Planned NPRM 59 FR 58262 11/14/94	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 3/95. Final rule 3/96.

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*120-172.92	Operating Permit Program Revisions 40 CFR 70	NPRM 59 FR 44460 08/29/94 Regulatory Agenda 59 FR 58300 11/14/94	In response to litigation, EPA proposes revisions for restructuring the process for revising permits to provide more flexibility to industry and permitting agencies.	Final rule undetermined.
*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 Comment period reopened 59 FR 66844 12/28/94	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.	<u>Comments by 1/27/95.</u> <u>Final rule undetermined.</u> <u>Negotiating to get extension of court-ordered deadline to 4/30/95.</u>
*120-176.01	Amendments to General Provisions for 40 CFR 63 40 CFR 63.1	Planned NPRM 59 FR 58279 11/14/94	The General Provisions were promulgated on March 16, 1994. Since then, six litigants have filed petitions for EPA to review certain provisions. As a result, it is anticipated that amendments will be proposed.	<u>NPRM 1/95. Final rule 6/95.</u>
*120-178.00	Standards for Marine Tank Vessel Loading Operations 40 CFR 63	NPRM 59 FR 25004 05/13/94 Regulatory Agenda 59 FR 58295 11/14/94	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.
*120-181.00	Hazardous Air Pollutants - MACT and Emission Limits for Constructed, Reconstructed or Modified Major Sources 40 CFR 63	NPRM 59 FR 15504 04/01/94 Regulatory Agenda 59 FR 58293 11/14/94	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.	<u>Final rule 7/95.</u>

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120-185.00	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 57195 11/14/94	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.	<u>Supplemental NPRM 2/95.</u> <u>Final rule 5/96.</u>
*120-187.00	Radionuclide Major Source Definition 40 CFR 63	Planned NPRM 59 FR 58270 11/14/94	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; <u>expect schedule 6/95.</u>
*120-189.02	Acid Rain Program - Substitution and Reduced Utilization Regulations 40 CFR 72	NPRM 58 FR 60950 11/18/93 Final rule 59 FR 60218 11/22/94	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 promulgating modifications to prevent the use of this substitution and reduced utilization plans.	<u>Effective 12/22/94.</u>
*120-189.03	Acid Rain Permit Program - Statutory "Control" Requirement 40 CFR 72	NPRM 59 FR 60216 11/22/94 Direct final rule 59 FR 60234 11/22/94	EPA revises the acid rain permit regulations in order to specify more clearly the circumstances under which the statutory "control" requirement for substitution plans is met.	<u>Effective 1/3/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-190.00	Contractor Listing Regulations 40 CFR 15	Planned NPRM 59 FR 58287 11/14/94	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 7/95. Final rule 7/96.
*120-199.00	Monetary Award Regulations 40 CFR 65	NPRM 59 FR 22795 05/03/94 Regulatory Agenda 59 FR 58287 11/14/94	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 58297 11/14/94	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.	<u>Final rule 12/95.</u>
*120-201.00	Field Citation Issuance Regulations 40 CFR 59	NPRM 59 FR 22776 05/03/94 Regulatory Agenda 59 FR 58295 11/14/94	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.	<u>Final rule 4/95.</u>
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 1/95.
*120-205.01	Air Quality - Revision to Definition of VOCs - Exclusion of Acetone 40 CFR 51	NPRM 59 FR 49877 09/30/94	EPA proposes to revise 40 CFR 51 to add acetone to the list of compounds excluded from the definition of volatile organic compounds because this compound makes negligible contributions to tropospheric ozone formation.	<u>Final rule 4/95.</u>

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**REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994**

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-206.00	Acid Rain Opt-In Regulation - Combustion Sources 40 CFR 74	NPRM 58 FR 50088 09/24/93 Regulatory Agenda 59 FR 58286 11/14/94	To implement Sect. 410 of the CAA, EPA proposes procedures to allow SO <sub>2</sub> 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."	<u>Final rule 1/95. NPRM for process sources</u> <u>3/95. Final rule 3/96.</u>
*120-208.00	NESHAPs for Organic HAP Emissions from Off-Site Waste Operations 40 CFR 63	ANPRM 58 FR 66336 12/20/93 NPRM 59 FR 51913 10/13/94 Regulatory Agenda 59 FR 58271 11/14/94	EPA proposes NESHAPs for off-site waste and recovery operations. The rule would apply to facilities, with certain exceptions, that manage wastes or recoverable materials which have been generated off-site and contain specific organic chemical compounds listed as hazardous air pollutants.	<u>Final rule 11/95.</u>
*120-209.00	Federal Operating Permit Rules in Lieu of State Programs 40 CFR 71	Planned NPRM 59 FR 58263 11/14/94	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.	<u>NPRM 1/95. Final rule 11/95.</u>
*120-210.01	Acid Rain Nitrogen Oxides Control - Group I, Phase II Boilers 40 CFR 76	Planned NPRM 59 FR 58283 11/14/94	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, Group 1), including cyclones and wet bottom wall-fired units, will be promulgated and become effective in 2000.	<u>Phase II, Group 1</u> <u>NPRM 1/96.</u> <u>Final rule 1/97.</u>
*120-210.02	Acid Rain Nitrogen Oxides Control - Group II, Phase II Boilers 40 CFR 76	Planned final rule 59 FR 58297 11/14/94	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, Group 2), including cyclones and wet bottom wall-fired units, will be promulgated and become effective in 2000.	<u>Phase II, Group 2</u> <u>final rule 1/97.</u>
*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 58290 11/14/94	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.	<u>Interim final rule 6/95.</u> <u>NPRM 12/95.</u> <u>Final rule undetermined.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-220.01	NSPS and Emission Guidelines - ICWIs and OSWIs 40 CFR 60	ANPRM 59 FR 66850 12/28/94	EPA seeks information and data concerning the operation, location, emissions, and emission controls for industrial and commercial waste incinerators (ICWIs) and other solid waste incinerators (OSWIs) to use in developing new source performance standards and emission guidelines for ICWIs and OSWIs.	<u>Comments by 3/28/95.</u>
*120-221.00	New Source Review Nonattainment Requirements Reform 40 CFR 51 40 CFR 52	Planned NPRM 59 FR 57190 11/14/94	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.	<u>NPRM 3/95; at OMB for review. Final rule 1/96.</u>
*120-221.01	New Source Review (NSR) Reform Rulemaking 40 CFR 51 40 CFR 52	Regulatory Agenda 59 FR 58290 11/14/94	EPA will amend its existing NSR regulations, including prevention of significant deterioration (PSD), to reduce the level of complexity and improve the clarity of the language.	<u>Interim final rule 1/95.</u> <u>Final rule 1/96.</u>
*120-224.01	Voluntary Reporting of Greenhouse Gases - Reporting Form	Notice 59 FR 55258 11/04/94	The Energy Information Administration announces a proposed new Form EIA-1605, "Voluntary Reporting of Greenhouse Gases," for public review prior to revision and submission to OMB.	
*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; probably will never be finalized.</u>
*120-227.00	Ambient Air Quality Surveillance Site Criteria for Open Path Analyzers 40 CFR 58	NPRM 59 FR 42541 08/18/94 Regulatory Agenda 59 FR 58299 11/14/94	EPA proposes to amend the ambient air quality surveillance regulations under the CAA to define the appropriate ambient air monitoring criteria for open path (long-path) analyzers.	<u>Final rule 4/95.</u>
*120-228.00	Consolidated Emission Reporting 40 CFR 51	Planned NPRM 59 FR 58264 11/14/94	EPA will propose to streamline and consolidate the reporting requirements for the emission statement, periodic emission inventory, and statewide inventory programs.	<u>NPRM 6/95; Final rule undetermined.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-229.00	Addition of Test Method 205 to Appendix M of 40 CFR 51 40 CFR 51	NPRM 59 FR 39501 08/03/94 Regulatory Agenda 59 FR 58265 11/14/94	EPA proposes to add test method 205, "Verification of Gas Dilution Systems for Field Instrument Calibration," to Appendix M of 40 CFR 51.	<u>Final rule 6/95.</u>
*120-231.00	Oil And Gas Production . MACT and NESHAP 40 CFR 63	Planned NPRM 59 FR 58271 11/14/94	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.	<u>NPRM 6/95. Final rule 6/96.</u>
*120-232.01	Criteria and Procedures for Determining Transportation Conformity in Attainment Areas 40 CFR 51 40 CFR 93	Planned NPRM 59 FR 58279 11/14/94	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; no schedule as yet.
*120-232.02	Criteria and Procedures for Determining Transportation Conformity - Nitrogen Oxide Requirements for Exempted Areas 40 CFR 51 40 CFR 93	Planned NPRM 59 FR 58280 11/14/94	EPA will propose to require areas with a 182(f) exemption to demonstrate consistency with the motor vehicle emissions budget for nitrogen oxides in the attainment demonstration or maintenance plan.	<u>NPRM 4/95.</u>
*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 58292 11/14/94	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.	<u>Final rule signed; publish 1/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-236.00	NESHAPs - Stage I Gasoline Distribution Facilities 40 CFR 9 40 CFR 63	NPRM 59 FR 5868 02/08/94 NOA 59 FR 42788 08/19/94 Final rule 59 FR 64303 12/14/94	EPA issues emission limitations for HAPs that are emitted from new and existing bulk gasoline terminals and pipeline breakout stations that are major sources of HAPs or are located at plant sites that are major sources.	<u>Effective 12/14/94.</u>
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.	Final document 1/95.
*120-239.00	Lesser Quantity Emission Rates for Hazardous Air Pollutants 40 CFR 63	Planned ANPRM 59 FR 58260 11/14/94	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.	<u>ANPRM 3/95. NPRM 2/96.</u> <u>Final rule 2/97.</u>
*120-240.00	Air Quality Planning and Management - Indian Tribes as States 40 CFR 35 40 CFR 49 40 CFR 50 40 CFR 81	NPRM 59 FR 43956 08/25/94 Regulatory Agenda 59 FR 58300 11/14/94	EPA proposes the CAA provisions for which it is appropriate to treat Indian Tribes in the same manner as states and the requirements Indian Tribes must meet.	Final rule 9/95.
*120-241.00	Amendment of Methods 23 (Dioxin Emissions) and 301 (Field Validation) 40 CFR 60 40 CFR 63	Planned NPRM 59 FR 58265 11/14/94	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 1/95. Final rule 7/95.
*120-242.00	Revision of NSPS for Sulfur Dioxin 40 CFR 60	Planned NPRM 59 FR 58268 11/14/94	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.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-245.00	Amendments to Part 63 to Establish Provisions for Determining Potential to Emit HAPs 40 CFR 63	Planned NPRM 59 FR 58274 11/14/94	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.	<u>NPRM 6/95. Final rule 10/95.</u>
*120-247.00	NESHAPs - Aerospace Manufacturing and Rework 40 CFR 63	NPRM 59 FR 29216 06/06/94 Regulatory Agenda 59 FR 58294 11/14/94	EPA proposes standards to limit hazardous air pollutants (HAPs) from new and existing commercial, civil, and military aerospace original equipment manufacturing (OEM) and rework facilities. EPA also proposes Method 309 which would be used to determine the rolling material balance period for carbon adsorbers.	Final rule 7/95.
*120-248.00	Operating Permits Program Interim Approval Criteria 40 CFR 70	NPRM 59 FR 44572 08/29/94	EPA proposes revisions to its interim approval criteria used to approve state programs for issuing operating permits to major stationary sources of air pollution.	<u>Final rule 5/95.</u>
*120-249.00	Standards of Performance for New Stationary Sources Cold Cleaning Machine Operations 40 CFR 60.	NPRM 59 FR 46602 09/09/94 Regulatory Agenda 59 FR 58292 11/14/94	EPA proposes standards to control emissions of volatile organic compounds from new, modified, and reconstructed cold cleaning machines with surface areas larger than or equal to 1.8 square meters.	Final rule 8/95.
*120-250.00	VOC Emissions from SOCMW Wastewater - Standards of Performance for New Stationary Sources 40 CFR 60	NPRM 59 FR 46780 09/12/94 Regulatory Agenda 59 FR 58289 11/14/94	EPA proposes standards of performance for VOC emissions from wastewater sources in the Synthetic Organic Chemical Manufacturing Industry.	<u>Final rule 9/95.</u>
120-251.00	Addition of Method 29 to Appendix A and Amendments to Method 101A of Appendix B 40 CFR 60 40 CFR 61	NPRM 59 FR 48259 09/20/94	EPA proposes to add Method 29, "Determination of Metals Emissions from Stationary Sources," to Appendix A of 40 CFR 60 to allow its use in determining metals emissions from municipal waste combustor (MWC) units. EPA also proposes amendments to Method 101A of Appendix B of 40 CFR 61.	Final rule 9/95.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-254.00	CAA Citizen Suit - Proposed Settlement	Notice 59 FR 59774 11/18/94	EPA announces a proposed consent decree in citizen suits brought against the EPA Administrator under CAA Sect. 304(a)(2) concerning actions under the CAA that the Administrator was allegedly under a non-discretionary to complete before 11/15/93.	
*120-255.00	Standards of Performance for New Stationary Sources - Monitoring Requirements 40 CFR 60	NPRM 59 FR 60585 11/25/94	EPA proposes revisions to the NSPS to clarify and update requirements for source owners and operators who must install and use continuous stack or duct opacity monitoring equipment. The proposed amendments would not change affected facilities' applicable emission standards or requirement to monitor.	<u>Comments by 1/24/95.</u>
*120-256.00	Ammonia Test Method - 40 CFR 51 Appendix M 40 CFR 51	Planned NPRM 59 FR 58266 11/14/94	A test method for determining the concentration of ammonia in stack gas is currently being developed. The states may allow it to be used by sources to demonstrate compliance with state regulations.	<u>NPRM 6/95. Final rule 12/95.</u>
*120-257.00	Test Method 302, Appendix M - Stack Gas HAPs 40 CFR 51	Planned NPRM 59 FR 58266 11/14/94	A gas chromatography/mass spectrometry screening method is being developed to be used by sources and EPA for determining qualitatively the hazardous air pollutants (HAPs) present in stack gas.	<u>NPRM 6/95. Final rule 12/95.</u>
*120-258.00	Technical Corrections to Appendices to 40 CFR 60 and 61 40 CFR 60 40 CFR 61	Planned NPRM 59 FR 58266 11/14/94	Technical corrections will be made to EPA methods in appendices to 40 CFR 60 and 61 including Appendix F which is the QA requirements for continuous monitors.	<u>NPRM 1/95. Final rule 7/95.</u>
*120-259.00	Requirements for Preparation, Adoption, and Submittal of Ozone SIPs 40 CFR 51 40 CFR 81	Planned NPRM 59 FR 58266 11/14/94	This action will identify the requirements for preparation, adoption, and submittal of ozone state implementation plans (SIPs) under a potentially new ozone national ambient air quality standard.	<u>NPRM 5/96. Final rule 6/97.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-260.00	Standards for Deposit Control Gasoline Additives 40 CFR 80	NPRM 58 FR 64213 11/22/93 Interim final rule 59 FR 54678 11/01/94  Reopening of comment period 59 FR 66860 12/28/94	EPA establishes an interim deposite control (detergent) additive program for all gasoline to be in effect while final action on a more rigorous detergent additive testing and certification program is pursued.  EPA reopens the comment period on its proposed rule to discuss the combustion chamber deposits (CCD) control issue and request comments on alternative approaches for addressing it. EPA also seeks comment on selected issues related to the proposed detergent certification program and its enforcement provisions.	<u>Interim final rule effective 1/1/95, rule 7/95.</u>  <u>Comments by 1/27/95.</u>
*120-261.00	Acid Rain Program Revisions to the Permits Regulations under Title IV 40 CFR 72	Planned NPRM 59 FR 58267 11/14/94	EPA will propose technical corrections in order to improve issuance of Phase I acid rain permits and facilitate approval of state or local permitting authorities' Phase II acid rain permitting programs.	<u>NPRM 5/95. Final rule 12/95.</u>
*120-262.00	Publically Owned Treatment Works (POTWs) Study 40 CFR 63	Planned NPRM 59 FR 58278 11/14/94	The CAA authorizes a study of air toxic emissions from POTWs and prescribes a deadline for setting an air emissions standard for POTWs. Phase I is a study to characterize HAPs. A decision will then be made to determine if a NESHAP is necessary.	<u>NPRM 9/95. Final rule 11/96.</u>
*120-263.00	Revisions to the Administrative Appeal Regulations - Acid Rain Program 40 CFR 78.1	Planned final rule 59 FR 58290 11/14/94	Revisions will be made to clarify whether administrative appeals are prerequisite for judicial review of final actions by the Administrator under the acid rain program.	<u>Final rule 5/95.</u>
*120-503.02	Recycling Program for Ozone-Depleting Substances (Refrigerant Recycling) - Extension of Administrative Stay 40 CFR 82	NPRM 59 FR 42199 08/17/94 Final rule 59 FR 59369 11/17/94	EPA extends the partial stay of the effectiveness of the leak repair provisions, 40 CFR 82.156(i), in the 5/14/93 rule on refrigerant recycling to allow EPA time to complete reconsideration of the rules in question. The stay applies only to industrial process refrigeration equipment.	<u>Final rule effective 12/16/94. Must issue NPRM by 1/95, final rule by 6/95 (see RU# 120-503.03).</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*120-503.03	Supplemental Rule to Amend Leak Repair Provisions, Equipment Standards, and Scope of Chemicals to be Recycled 40 CFR 82	Planned NPRM 59 FR 58285 11/14/94	This rulemaking will amend the leak repair provisions of existing rules for industrial process refrigeration, impose equipment standards for recycling and recovery machines, and include requirements to recycle additional chemicals.	<u>NPRM 1/95. Final rule 6/95.</u>
*120-503.04	Amendment to the Refrigerant Recycling Rule to Include All Refrigerants 40 CFR 82	Planned NPRM 59 FR 58285 11/14/94	EPA will propose a rule to fulfill the statutory mandate to expand the venting prohibition to also apply to substitute refrigerants. The regulation will cover recovery/recycling equipment and practices and certification requirements.	<u>NPRM 3/95. Final rule 10/95.</u>
*120-507.01	Stratospheric Ozone Protection - Labeling 40 CFR 82	NPRM 58 FR 69568 12/30/93 Regulatory Agenda 59 FR 58298 11/14/94	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 1/95.</u>
*120-509.00	Stratospheric Ozone - Class I and II Safe Alternatives (SNAP Policy) 40 CFR 82	ANPRM 57 FR 1984 01/16/92 NPRM 58 FR 28094 05/12/93 Final rule 59 FR 13044 03/18/94	EPA establishes the Significant New Alternatives Policy (SNAP) program for evaluating and regulating substitutes for ozone-depleting chemicals being phased out under the CAA. The rule includes decisions on the acceptability and unacceptability of substitutes and a plan for administering the SNAP program.	Effective 4/18/94.
	Notice of stay; reconsideration 59 FR 63255 12/08/94	EPA issues a 3-month stay, until March 8, 1995, of its final CAA rule establishing the Significant New Alternatives Policy program for ozone-depleting substances. The stay applies only to the use of substitutes for ozone-depleting substances intended for export.	<u>Effective 12/8/94.</u>	
*120-509.01	Stratospheric Ozone - SNAP Restrictions and Prohibitions 40 CFR 9 40 CFR 82	NPRM 59 FR 49108 09/26/94	EPA proposes restrictions or prohibitions on substitutes for ozone depleting substances under the Significant New Alternatives Policy (SNAP) program and issues its decisions on the acceptability and unacceptability of a number of substitutes.	<u>Final rule 2/95.</u>

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*120-510.02	Administrative Changes to Facilitate the Phaseout of Ozone Depleting Chemicals 40 CFR 82	NPRM 59 FR 56276 11/10/94	EPA proposes administrative changes to the stratospheric ozone protection regulations to anticipate the phaseout of production and consumption of various ozone-depleting substances.	<u>Final rule 2/95.</u>
*120-510.03	Baseline Production and Consumption Allowances for Methyl Bromide 40 CFR 82	NPRM 59 FR 52126 10/14/94 Final rule 59 FR 65478 12/20/94	EPA allocates potential production allowances to producers who have baseline allowances for the production of methyl bromide.	<u>Effective 12/20/94.</u>
*120-513.00	Leak Repair Provisions, Equipment Standards, and Scope of Chemicals to be Recycled 40 CFR 82	Planned NPRM 59 FR 58284 11/14/94	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 1/95. Final rule by 4/30/95 per settlement agreement.</u>
*120-514.00	Grandfathering Requirements for Technician Certification Program for National Recycling 40 CFR 82	NPRM 59 FR 41968 08/15/94 Final rule 59 FR 55912 11/09/94	EPA amends the conditions by which technicians can become grandfathered into an existing rule which requires all service air-conditioning and refrigeration technicians to become certified as trained technicians.	<u>Effective 10/28/94.</u>
*120-515.00	Supplemental Rule Regarding a Recycling Standard Under Section 608 40 CFR 82	Planned NPRM 59 FR 58285 11/14/94	The current rule sunsets the requirement that a reclamation standard be met, as of May 1, 1995. Several members of the regulated community have approached EPA asking that the requirement not be sunleted or that it be replaced with a less stringent standard.	<u>NPRM 1/95. Final rule 5/95.</u>
<b>NUCLEAR WASTE POLICY ACT</b>				
*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 58614 11/14/94	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.	<u>Final rule 3/95.</u>

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*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 58603 11/14/94	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.
*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 58605 11/14/94	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 1/95. Final rule 12/95.
*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 58615 11/14/94	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.	Final rule 1/95.
*700-086.00	HLW Disposal in Repositories - Siting Criteria and Performance Objectives 10 CFR 60	NPRM 58 FR 36902 07/09/93 Regulatory Agenda 59 FR 58614 11/14/94	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 3/95.
*700-088.00	ISFSI and MRS - Notification of Incidents 10 CFR 72	NPRM 58 FR 48004 09/14/93 Final rule 59 FR 64283 12/14/94	NRC issues 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.	Effective 1/13/95.

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
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 2/95.
*700-093.00	List of Approved Spent Fuel Storage Casks - Addition 10 CFR 72	NPRM 59 FR 28496 06/02/94 Final rule 59 FR 65898 12/22/94	NRC adds the Standardized NUHOMS Horizontal Modular Storage System to the list of NRC approved casks for spent fuel storage in 10 CFR 72.214.	<u>Effective 1/23/95.</u>
*700-095.00	Overall Review Strategy for NRC's High-Level Waste Repository Program	NOA 59 FR 66380 12/23/94	NRC announces the availability of NUREG-1495, "Overall Review Strategy for the Nuclear Regulatory Commission's High-Level Waste Repository Program."	
<b>LOW-LEVEL RADIOACTIVE WASTE (LLW) POLICY AMENDMENTS ACT</b>				
*740-003.00	Environmental Protection Standards for LLW Disposal 40 CFR 193	ANPRM 48 FR 39563 08/31/83 Planned NPRM 59 FR 58241 11/14/94	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 5/95. Final rule 5/96.
*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 58605 11/14/94	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.	Final rule 2/95.
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.	Final position paper 1/95.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
<b>ATOMIC ENERGY ACT</b>				
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 196	ANPRM 58 FR 54474 10/21/93 Planned NPRM 59 FR 57184 11/14/94	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 5/95. Final rule undetermined.
*100-019.00	Comprehensive Radiation Waste Management Rule CFR undetermined	Planned NPRM 59 FR 58266 11/14/94	EPA's radiation site cleanup rule (RU# 100-018.01) will be concerned with the cleanup standards for sites contaminated with radioactivity. As the sites are cleaned up, a quantity of radiation contaminated wastes will be generated. This rule will set standards for the handling of such generated wastes.	NPRM 8/95. Final rule 8/96.
*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 58602 11/14/94	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 NPRM 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.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-039.00	Residual Radioactive Decontamination Limits for Decommissioning 10 CFR 20 10 CFR 30 10 CFR 40 10 CFR 50 10 CFR 51 10 CFR 70 10 CFR 72	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 NPRM 59 FR 43200 08/22/94 Regulatory Agenda 59 FR 57245 11/14/94	NRC proposes to amend its regulations regarding decommissioning of licensed facilities to provide specific radiological criteria for the decommissioning of lands and structures. A draft regulatory guidance document and the draft EIS (RU# 100-039.01) are also available.	<u>Final rule 6/95.</u>
*100-039.01	Residual Radioactive Decontamination Limits for Decommissioning - Environmental Impact Statement 10 CFR 20	NOI 58 FR 33570 06/18/93 NOA 59 FR 43200 08/22/94	NRC makes available the draft generic environmental impact statement on the proposed alternatives for establishing radiological criteria for decommissioning (RU# 100-039.00).	<u>Final EIS 8/95.</u>
*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 undetermined; no schedule as yet.
*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."	<u>Final generic letter 2/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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 58615 11/14/94	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 2/95.
*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 58609 11/14/94	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.	<u>NPRM 2/95. Final rule 2/96.</u>
*100-053-00	Criteria for Extraordinary Nuclear Occurrence 10 CFR 140	NPRM 50 FR 13978 04/09/85 Regulatory Agenda 59 FR 58603 11/14/94	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.
*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 58242 11/14/94	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.	<u>NPRM 2/95. Final rule 2/96.</u>
*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 58611 11/14/94	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).	<u>Final rule 1/95.</u>

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**REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994**

<b>RU NO.</b>	<b>REQUIREMENT</b>	<b>STATUS (a)</b>	<b>ANTICIPATED CHANGES</b>	<b>SCHEDULED ACTION</b>
*100-222.00	Code and Standards for Nuclear Power Plants 10 CFR 50	NPRM 59 FR 979 01/07/94 Regulatory Agenda 59 FR 58604 11/14/94	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 58607 11/14/94	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.	Decision on whether to proceed with rulemaking in 11/95 after design certification is completed.
*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 58612 11/14/94	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.	<u>Final rule on hold indefinitely.</u>
*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 58612 11/14/94	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.	<u>Final rule 2/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-265.00	Nuclear Plant License Renewal - Environmental Effects 10 CFR 51	ANPRM 55 FR 29964 07/23/90 NOI 55 FR 29967 07/23/90 NPRM 56 FR 47016 09/17/91 NOA 56 FR 47500 09/19/91 Supplemental NPRM 59 FR 37724 07/25/94 Regulatory Agenda 59 FR 58613 11/14/94	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. NRC issues a supplemental proposal to revise the definition of purpose and need for the proposed federal action that will be used in the environmental review of applications for renewal of nuclear power plant operating licenses.	Final rule 3/95.
*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 57057 11/14/94	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.	Final rule 1/95; being reviewed by Office of General Counsel.
*100-289.01	Occupational Radiation Protection - Amendment 10 CFR 835	Planned NPRM 59 FR 57517 11/14/94	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.	NPRM 10/95.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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.	<u>Remainder of final rule</u> <u>4/95.</u>
100-291.00	Agreement State Programs - Compatibility with NRC Programs	Request for comments 56 FR 66457 12/23/91 Notice 59 FR 37269 07/21/94	NRC issues its draft revised statement of policy on how it intends to evaluate the adequacy and compatibility of Agreement State radiation control programs.	Final guidance 7/95.
*100-291.01	Agreement State Programs - Compatibility with NRC Programs - Roles and Responsibilities	Notice 59 FR 40058 08/05/94	NRC releases a draft policy statement on the Agreement State Program to describe the respective roles and responsibilities of the NRC and the states in the administration of this program.	<u>Final policy statement</u> <u>undetermined.</u>
*100-291.02	Agreement State Programs - Notification and Publication of State Regulatory Actions 10 CFR 2 10 CFR 150	Petition for rulemaking 59 FR 50706 10/05/94	NRC announces receipt of a petition to amend its regulations to (1) require NRC agreement states to notify NRC of proposed and completed state regulatory actions and (2) require NRC to publish agreement states' notices of proposed and completed rulemaking.	<u>Next action</u> <u>undetermined.</u>
*100-293.00	NUREG Reports Availability	NOA 59 FR 61353 11/30/94	NRC announces the availability of NUREG-1323, "The License Application Review Plan for a Geologic Repository for Spent Nuclear Fuel and High-Level Radioactive Waste-Draft Review Plan."	
		NOA 59 FR 61905 12/02/94	NRC announces the availability of revised NUREG-1122, "Knowledge and Abilities Catalog for Nuclear Power Plant Operators: Pressurized Water Reactors," and revised NUREG-1123, "Knowledge and Abilities Catalog for Nuclear Power Plant Operators: Boiling Water Reactors."	

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*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 57057 11/14/94	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.	<u>NPRM 9/95. Final rule 6/96.</u>
*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 Reproposed NPRM 59 FR 52255 10/17/94 Regulatory Agenda 59 FR 58613 11/14/94	In response to a petition, NRC reproposes 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.	Comments by 2/14/95. Final rule 10/95.
*100-304.00	Licensing of Source Material - Reporting Requirements for Transfer of Small Quantities of Radioactive Materials 10 CFR 30 10 CFR 40	ANPRM 57 FR 48749 10/28/92 Planned NPRM 59 FR 58607 11/14/94	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 3/95. Final rule 11/95.
*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 58606 11/14/94	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.	On hold indefinitely.

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*100-307.00	Fracture Toughness Requirements for LWR Pressure Vessels 10 CFR 50	NPRM 59 FR 50513 10/04/94 Regulatory Agenda 59 FR 58605 11/14/94	NRC proposes 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 reactor pressure vessel (RPV) material surveillance.	<u>Final rule 8/95.</u>
*100-309.00	Availability of Official Records 10 CFR 2	NPRM 57 FR 61013 12/23/92 Regulatory Agenda 59 FR 58604 11/14/94	NRC proposes to amend its regulations pertaining to the availability of official records to conform the regulations to existing case law and agency practice.	<u>Final rule 2/95.</u>
*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.	<u>Decision on action on petition 4/95.</u>
*100-318.00	Design/Performance Criteria for Sealed Sources Used in Well Logging 10 CFR 39	Planned NPRM 59 FR 58617 11/14/94	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.	<u>Withdrawn 5/31/94.</u>
*100-325.00	Radiological Emergency Planning and Preparedness 44 CFR 351	NPRM 58 FR 41154 08/02/93 Regulatory Agenda 59 FR 58319 11/14/94	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 4/95.</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>Decision on next action perhaps by 4/95.</u>

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*100-336.00	Federal Radiation Protection Guidance for Exposure of the General Public 3 CFR Presidential documents	Proposed recommendations 59 FR 66414 12/23/94	EPA proposes recommendations to 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.	Comments by 2/21/95. Final guidance 12/95.
*100-337.00	Decommissioning of Nuclear Power Reactors 10 CFR 50	Planned NPRM 59 FR 58602 11/14/94	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 4/95.
*100-338.00	Land Ownership Requirements for Low-Level Waste Sites 10 CFR 61	ANPRM 59 FR 39485 08/03/94 Planned NPRM 59 FR 58601 11/14/94	NRC is considering amending its regulations to allow private ownership of low-level radioactive waste facility sites as an alternative to the current requirement for federal or state ownership.	Decision on whether to proceed with rulemaking 5/95.
*100-343.00	Reexamination of the NRC Enforcement Policy 10 CFR 2	Policy statement 59 FR 43298 08/23/94 Correction 59 FR 46004 09/06/94	NRC requests public comment from public interest groups, the regulated industry, states, and concerned citizens on (1) whether the scope, purpose, procedures, and methods of its enforcement program are appropriate, and (2) how they can be improved.	Next action 5/95.
*100-344.00	Nuclear Power Plant License Renewal - Revisions 10 CFR 54	NPRM 59 FR 46574 09/09/94 Regulatory Agenda 59 FR 57246 11/14/94	NRC proposes amendments governing the requirements for renewal of operating licenses for nuclear power plants to provide a more stable and predictable license renewal process.	Final rule undetermined.
*100-345.00	Federal Radiological Emergency Response Plan - Proposed Revisions	Notice 59 FR 46086 09/06/94	The Federal Emergency Management Agency proposes revisions to the Federal Radiological Emergency Response Plan (FRERP) to update and supersede the original FRERP.	Final revisions undetermined.

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*100-347.00	Steam Generator Tube Integrity for Operating Nuclear Power Plants 10 CFR 50	ANPRM 59 FR 47817 09/19/94 Planned NPRM 59 FR 57244 11/14/94	NRC is considering amending its regulations regarding steam generator tube surveillance and maintenance at operating nuclear power plants and issues regulatory approaches for consideration.	<u>NPRM 12/95.</u>
*100-348.00	Technical Specifications for Nuclear Power Reactors 10 CFR 50	NPRM 59 FR 48180 09/20/94 Regulatory Agenda 59 FR 58609 11/14/94	NRC proposes to codify criteria for determining the content of technical specifications for nuclear power reactors. Each licensee may voluntarily use the criteria to propose the relocation of existing technical specifications.	<u>Final rule 7/95.</u>
100-351.00	Applications for the Licensing of Non-Power Reactors - Draft Guidance	NOA 59 FR 50781 10/05/94	NRC announces the availability of draft chapters of the documents entitled "Format and Content for Applications for the Licensing of Non-Power Reactors" and "Standard Review Plan and Acceptance Criteria for Applications for the Licensing of Non-Power Reactors."	Comments by 2/28/95.
*100-352.00	Deficiencies in Criticality Safety at Oak Ridge Y-12 Plant	Notice 59 FR 50732 10/05/94	The Defense Nuclear Facilities Safety Board publishes Recommendation 94-4 concerning deficiencies in criticality safety at the Y-12 Plant, Oak Ridge, TN.	
		Notice 59 FR 60786 11/28/94	DOE publishes the Secretary of Energy's responses to the Defense Nuclear Facilities Safety Board's Recommendation 94-4, concerning adherence to criticality safety limits at the Oak Ridge, TN Y-12 Plant.	
*100-353.00	Reduction of Reporting Requirements Imposed on NRC Licensees 10 CFR 50 10 CFR 55 10 CFR 73	NPRM 59 FR 54843 11/02/94	NRC proposes to reduce reporting requirements currently imposed on water-cooled nuclear power reactor, research and test reactor, and nuclear material licensees.	<u>Final rule undetermined.</u>
*100-354.00	Reconsideration of Nuclear Power Plant Security Requirements for Internal Threat	Notice 59 FR 54923 11/02/94	NRC proposes to issue a generic letter announcing a reconsideration of its positions concerning certain security measures to protect against an internal threat at nuclear power plants.	<u>Next action undetermined.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*100-355.00	New NRC Toll-Free Public Access Number	Notice 59 FR 55299 11/04/94	NRC announces the establishment of a new toll-free number, 1-800-368-5642, for general public inquiries that will be available for a six-month trial period.	<u>Toll-free number effective 11/1/94.</u>
*100-356.00	BTP on When to Remediate Inadvertent Contamination of the Terrestrial Environment	NOA 59 FR 55497 11/07/94	NRC announces the availability of a Branch Technical Position (BTP) entitled "When to Remediate Inadvertent Contamination of the Terrestrial Environment."	
*100-357.00	Probabilistic Risk Assessment Methods in NRC Activities	Proposed policy statement 59 FR 63389 12/08/94	NRC proposes a policy statement on the use of probabilistic risk assessment (PRA) in nuclear regulatory matters. The Commission believes an overall policy on the use of PRA should be established so that potential applications of PRA technology will be consistent and predictable.	<u>Comments by 2/7/95.</u>
*100-358.00	Generic Dose Assessment for Disposal of Incinerator Ash in a Landfill	NOA 59 FR 64438 12/14/94	NRC announces the availability of "Generic Dose Assessment for Disposal of Incinerator Ash in a Landfill." NRC intends to use this assessment as the technical basis for developing guidance that would be applied in authorizing disposal of incinerator ash generated by licensed radioactive materials facilities.	<u>Comments by 2/13/95.</u>
*100-359.00	Branch Technical Position on Site Characterization for Decommissioning	NOA 59 FR 64716 12/15/94	NRC announces the availability of a draft Branch Technical Position on Site Characterization for Decommissioning which describes the type, amount, and quality of information that might be necessary in site characterization reports prepared by licensees in support of decommissioning actions.	<u>Comments by 2/13/95.</u>
*100-360.00	Environmental Radiation Protection Standards for Yucca Mountain, NV CFR undetermined	Planned NPRM 59 FR 58242 11/14/94	In response to Sect. 801 of the Energy Policy Act of 1992, EPA will promulgate public health and safety standards for the protection of the public from releases of radioactive materials stored or disposed of in the Yucca Mountain, NV repository site.	<u>Next action undetermined.</u>
<b>URANIUM MILL TAILINGS RADIATION CONTROL ACT</b>				
*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 58242 11/14/94	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.	<u>Final rule 1/95.</u>

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<b>RU NO.</b>	<b>REQUIREMENT</b>	<b>STATUS (a)</b>	<b>ANTICIPATED CHANGES</b>	<b>SCHEDULED ACTION</b>
*930-034.00	Uranium Mill Tailings Sites - Remedial Action Program and Annotation of Land Records 10 CFR 764	NPRM 54 FR 29732 07/14/89 Regulatory Agenda 59 FR 57519 11/14/94	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.	<u>Final rule undetermined; no schedule as yet.</u>
<b>TOXIC SUBSTANCES CONTROL ACT</b>				
*920-034.01	Amendments to the Asbestos Worker Protection Rule 40 CFR 763	Planned NPRM 59 FR 58222 11/14/94	EPA will propose to amend the asbestos abatement projects worker protection rule (WPR) by incorporating certain revisions to the OSHA standards issued since EPA's WPR was promulgated in 1987.	<u>NPRM 1/95. Final rule 9/95.</u>
*920-053.00	Negotiated Consent - Procedural Test Rules 40 CFR 790	Planned NPRM 59 FR 58223 11/14/94	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 58231 11/14/94	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.	<u>Final rule 12/95.</u>
*920-092.00	Chemical Test Data	Notice 59 FR 60985 11/29/94	EPA announces the receipt of chemical test data on isobutanol, submitted pursuant to a final test rule under TSCA.	
*920-113.00	ATSDR Substances Test Rule 40 CFR 795-799	Planned NPRM 59 FR 58223 11/14/94	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.	<u>Decision on whether to proceed with rulemaking 2/95.</u>
*920-121.00	Interagency Testing Committee Reports	NOA 59 FR 67596 12/29/94	EPA makes available the Thirty-Fifth Report of the TSCA Interagency Testing Committee (ITC). The ITC revised the Priority Testing List by designating a group of 25 chemicals to the List for priority consideration for promulgation of test rules.	<u>Comments by 1/30/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*920-129.00	PCBs Disposal Amendments 40 CFR 761	ANPRM 56 FR 26738 06/10/91 NOA 56 FR 26745 06/10/91 NPRM 59 FR 62788 12/06/94	EPA proposes several amendments to its 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.	<u>Comments by 4/6/95.</u> <u>Final rule undetermined.</u>
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.	Final rule 1/95.
*920-132.00	PCB Transformer Reclassification Rule 40 CFR 761	NPRM 58 FR 60970 11/18/93 Regulatory Agenda 59 FR 58230 11/14/94	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 4/95.
*920-137.04	PAIR and Health and Safety Data Reporting - Addition of Chemicals 40 CFR 712 40 CFR 716	Final rule 59 FR 60716 11/28/94	EPA issues a final rule (no NPRM) adding ethyl tert-butyl ether and tert-amyl methyl ether to two model information gathering rules: the TSCA Sect. 8(a) Preliminary Assessment Information Rule and the TSCA Sect. 8(d) Health and Safety Data Reporting Rule.	<u>Effective 12/28/94.</u>
*920-138.00	Lead Hazard Standards 40 CFR 745	Planned NPRM 59 FR 57183 11/14/94	EPA will identify the paint conditions and lead levels in dust and soil that would result in adverse human health effects.	<u>NPRM 3/95.</u> Final rule 11/95.
*920-144.00	Lead-Based Paint Training, Accreditation, and Certification 40 CFR 745	NPRM 59 FR 45872 09/02/94 Regulatory Agenda 59 FR 58221 11/14/94	EPA proposes 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.	Final rule undetermined.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*920-146.00	Refractory Ceramic Fiber - Significant New Use Rule 40 CFR 721	NPRM 59 FR 13294 03/21/94 Regulatory Agenda 59 FR 58225 11/14/94	EPA proposes a significant new use rule under Sect. 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 58220 11/14/94	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.	<u>NPRM 5/95.</u>
*920-148.00	Multi-Chemical Endpoint Test Rule for Bioaccumulators 40 CFR 799	Planned NPRM 59 FR 58223 11/14/94	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 5/95.
*920-152.00	Significant New Uses of Lead 40 CFR 704 40 CFR 721	ANPRM 59 FR 49484 09/28/94 Comment period extended 59 FR 59974 11/21/94	EPA is considering the possibility of issuing significant new use rules for certain uses of elemental lead and lead compounds under Sect. 5(a)(2) of TSCA.	<u>Comments by 1/27/95.</u> <u>NPRM 12/95.</u>
*920-154.00	Microbial Products (Biotechnology) 40 CFR 700 40 CFR 720 40 CFR 721	NPRM 59 FR 45526 09/01/94 Regulatory Agenda 59 FR 58228 11/14/94	EPA proposes procedures under Sect. 5 of TSCA for the screening of new microorganisms prior to their introduction into commerce as biotechnology products. The proposed rule contains 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.	Final rule undetermined.
*920-155.00	Requirements for the Disposal of Lead-based Abatement Waste 40 CFR 745	Planned NPRM 59 FR 58222 11/14/94	Currently, waste derived from lead-based paint (LBP) abatements is managed under RCRA Subtitle C. This rule would defer LBP architectural components (e.g., doors and windows) from such regulation and concurrently develop disposal standards under TSCA Title IV.	<u>NPRM 9/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
<b>HAZARDOUS MATERIALS TRANSPORTATION ACT</b>				
<b>Transportation Regulations - Compatibility with IAEA -- RU# 100-157.00</b> <b>Criteria and Procedures for Determining Transportation Conformity in Attainment Areas -- RU# 120-232.01</b>				
*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 Final rule 59 FR 64742 12/15/94	RSPA establishes standards for 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. <u>Final rule effective 2/13/95.</u>
*400-033.01	Performance-Oriented Packaging Standards - Infectious Substances 49 CFR 171 49 CFR 172 49 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 Compliance date extended 59 FR 48762 09/22/94  NPRM 59 FR 65860 12/21/94	In response to petitions, RSPA 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 proposes to: (1) clarify that regulated medical waste (RMW) is a subcategory of infectious substances, (2) allow RMW to be offered for transportation if it conforms to OSHA requirements, (3) add provisions for transporting RMW by aircraft, and (4) make other changes to clarify regulatory provisions applicable to infectious substances.	Effective 1/1/95 for all but regulated medical waste and infectious substances affecting only animals. Effective 10/1/95 for these two categories.  <u>Comments by 3/21/95.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*400-039.00	Pipeline Operator Qualifications 49 CFR 192 49 CFR 195	ANPRM 52 FR 9189 03/23/87 NPRM 59 FR 39506 08/03/94 Regulatory Agenda 59 FR 57983 11/14/94	RSPA proposes qualification standards for personnel who perform, or directly supervise those persons performing, regulated operation, maintenance, and emergency-response functions on hazardous liquid, carbon dioxide, and gas pipelines.	Final rule undetermined.
*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 57987 11/14/94	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.
*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 57990 11/14/94	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.
*400-062.01	Transportation Registration and Fee Assessment Program 49 CFR 107 49 CFR 171	NPRM 59 FR 15602 04/01/94 Final rule 59 FR 32930 06/27/94	RSPA changes 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.	<u>Effective 7/1/94.</u>

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*400-063.00	Excavation Damage-Prevention Programs for Pipelines (PS-101) 49 CFR 192 49 CFR 195	NPRM 53 FR 24747 06/30/88 Regulatory Agenda 59 FR 57987 11/14/94	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.	<u>Interim final rule 4/95,</u> <u>Supplemental NPRM 4/95,</u>
*400-064.00	Maps and Records of Pipeline Location and Characteristics - State Notification 49 CFR 192 49 CFR 195	Planned NPRM 59 FR 57984 11/14/94	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.	<u>NPRM 1/95, Final rule</u> <u>12/95.</u>
*400-080.00	Carriage of Bulk Solid Hazardous Materials Requiring Special Handling 46 CFR 97 46 CFR 148	ANPRM 54 FR 18308 04/28/89 Notice 55 FR 11481 03/28/90 NPRM 59 FR 17418 04/12/94 Regulatory Agenda 59 FR 57890 11/14/94	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.	<u>Final rule 4/95,</u>
400-083.01	Obsolete Bulk Hazardous Materials 46 CFR 30 46 CFR 150 46 CFR 151 46 CFR 153	ANPRM 59 FR 45150 08/31/94	The Coast Guard is considering amending its regulations by deleting commodities that are no longer viable as bulk liquid cargoes and cancelling the classifications of obsolete commodities, and seeks the public's assistance in identifying such obsolete cargoes and classifications.	NPRM undetermined.

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*400-093.00	Transportation Regulations - Compatibility with IAEA 49 CFR 171-178	NPRM 54 FR 47454 11/14/89 NOA 54 FR 48054 11/20/89 Regulatory Agenda 59 FR 57990 11/14/94	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.)	<u>Final rule 1/95.</u>
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.
*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 57991 11/14/94	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 <sub>2</sub> S; (2) require that the release of a designated excess of H <sub>2</sub> S be reported to DOT; and (3) require that onshore/offshore gathering lines carrying a designated excess of H <sub>2</sub> S have a contingency plan in place in case of a release of the gas.	<u>To be withdrawn</u> <u>eventually, by 12/95.</u>
*400-099.00	Gas Pipelines Corrosion 49 CFR 192	NPRM 54 FR 27041 06/27/89 Regulatory Agenda 59 FR 57990	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.	<u>Final rule 4/95.</u>

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*400-109.00	Waterfront Facilities Handling Liquefied Hazardous Gas 33 CFR 126 33 CFR 127	11/14/94 NPRM 58 FR 51906 10/05/93 Regulatory Agenda 59 FR 57890 11/14/94	The Coast Guard proposes to amend its regulations for waterfront facilities capable of transferring liquefied hazardous gas, in bulk, to or from vessels.	<u>Final rule 3/95.</u>
*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 57988 11/14/94	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.	<u>Final rule 10/95.</u>
*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 57988 11/14/94	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.	<u>Supplemental NPRM 5/95.</u> Final rule undetermined.

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*400-126.00	Hazardous Materials Identification Systems 49 CFR 172	ANPRM 57 FR 24532 06/09/92 NPRM 59 FR 41848 08/15/94 Corrections 59 FR 44230 08/26/94 Corrections 59 FR 44795 08/30/94 Regulatory Agenda 59 FR 57164 11/14/94	RSPA proposes methods to improve the current system of placarding vehicles to improve hazardous materials identification and communication. In response to comments on the ANPRM, RSPA decided not to propose establishing a centralized reporting system and computerized telecommunication data center.	Final rule undetermined.
*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 57989 11/14/94	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.	<u>Final rule on hold until 6/95.</u>
*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 57991 11/14/94	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 6/95.
*400-133.01	Passage of Instrumented Internal Inspection Devices - Modification 49 CFR 192 49 CFR 195	NPRM 59 FR 49896 09/30/94 Regulatory Agenda 59 FR 57984 11/14/94	RSPA proposes to modify the 4/12/94 final rule on the use of instrumented internal inspection devices in certain pipelines. The modification concerns replacements in gas transmission lines located in less populated areas and offshore. Limited extension of compliance dates for certain current requirements is also proposed.	<u>Final rule undetermined.</u>

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*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 Final rule 59 FR 55162 11/03/94	RSPA amends 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</u> <u>effective 1/5/95.</u>
*400-138.00	Pipeline Facilities in Environmentally-Sensitive and High-Density Population Areas 49 CFR 192 49 CFR 195	Planned NPRM 59 FR 57985 11/14/94	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.	<u>NPRM 1/95.</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 57166 11/14/94	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.
*400-146.00	Pipeline Safety Advisory Bulletin 49 CFR 192	Notice 59 FR 55152 11/03/94	RSPA issues a safety advisory for owners or operators of hazardous liquid or natural gas transmission pipelines operating in areas that may be subject to severe flooding.	
*400-150.00	Incorporation of Latest UN Recommendations on the Transport of Dangerous Goods 49 CFR 171-180	NPRM 59 FR 36488 07/18/94 Final rule 59 FR 67390 12/29/94	RSPA amends the Hazardous Materials Regulations to maintain alignment with corresponding provisions of the international standards on the transport of hazardous materials in international commerce.	<u>Effective 10/1/95.</u>
*400-152.00	Liquid Hazardous Materials - Alternate Standards for Open Head Fiber Drum Packaging 49 CFR 171-180	ANPRM 59 FR 51157 10/07/94	RSPA solicits comments and proposals for alternate standards, other than the present performance-based standards, for open head fiber drum packaging for transportation of liquid hazardous materials.	<u>NPRM undetermined.</u>

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<b>OCCUPATIONAL SAFETY AND HEALTH ACT</b>				
*780-004.00	OSHA Hazard Communication Standard - Affected Industries 29 CFR 1910 29 CFR 1915 29 CFR 1917 29 CFR 1918 29 CFR 1926	NPRM 53 FR 29822 08/08/88 Final rule 54 FR 6886 02/15/89 Technical amendment 59 FR 6126 02/09/94 Correcting amendments 59 FR 65947 12/22/94	OSHA makes minor amendments to its hazard communication standard to, among other things, clarify language regarding exemptions for CERCLA hazardous substances to make it clear that the exemption applies when these substances are the focus of a CERCLA remedial or removal action.	<u>Effective 12/22/94.</u>
*780-009.00	Occupational Exposure to Methylene Chloride 29 CFR 1910.1052 29 CFR 1926.1162	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 57833 11/14/94	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 29 CFR 1915 29 CFR 1926	ANPRM 47 FR 20803 05/14/82 NPRM 59 FR 58884 11/15/94	OSHA proposes to modify its existing respiration protection standards, adopted from a 1971 voluntary consensus standard, to reflect current changes in methodology and technology.	<u>Comments by 2/13/95.</u> Final rule 11/95.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*780-015.01	Asbestos Worker Protection Rule - Extension to State and Local Government Employees 40 CFR 763	NPRM 59 FR 54746 11/01/94	EPA proposes to amend the Asbestos Abatement Project Worker Protection Rule to extend coverage provided under the 1986 OSHA Asbestos Standard for Construction to state and local government employees who are not covered by OSHA- or EPA-approved state plans.	<u>Final rule undetermined.</u>
*780-020.00	Construction Standards - Safety Standards for Scaffolds 29 CFR 1910 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 57830 11/14/94	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.	<u>Final rule 4/95.</u>
*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 57832 11/14/94	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.	<u>Final rule 3/95.</u>
*780-041.00	Exposure Assessment Programs for Employees Exposed to Hazardous Chemicals 29 CFR 1910	ANPRM 53 FR 37591 09/27/88 Planned NPRM 59 FR 57140 11/14/94	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.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*780-042.00	Medical Surveillance Program for Employees 29 CFR 1910	ANPRM 53 FR 37595 09/27/88 Planned NPRM 59 FR 57139 11/14/94	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.
*780-045.00	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 57827 11/14/94	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 3/95.</u>
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 Stay of enforcement; correction 59 FR 33658 06/30/94	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. 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.	Majority of rule effective 5/31/94. Stay in effect until 11/1/94 for certain Sections, until 2/1/96 for others. Corrections effective immediately.
*780-051.00	Confined Spaces - Permits and Safety Requirements 29 CFR 1910	Technical amendment 59 FR 55208 11/04/94	OSHA issues a technical amendment to clarify language in the preamble to the 1/14/93 final rule on permit-required confined spaces.	<u>Effective 11/4/94.</u>
*780-051.01	Permit Required Confined Spaces 29 CFR 1910	NPRM 59 FR 60735 11/28/94	OSHA proposes to revise its general industry standard on permit-required confined spaces to, among other things, state more clearly the employer's duty to ensure effective rescue capability for employees who enter such areas.	<u>Comments by 2/27/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*780-058.00	General Industry Standards - Walking and Working Surfaces 29 CFR 1910	NPRM 55 FR 13360 04/10/90 Regulatory Agenda 59 FR 57144 11/14/94	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 57827 11/14/94	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 2/95. Final rule 2/96.
*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 57833 11/14/94	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 Protection Standard 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 57143 11/14/94	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.	<u>NPRM 4/95.</u>

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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 57828 11/14/94	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.	<u>NPRM undetermined.</u>
*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 Notice of clarification 59 FR 47570 09/16/94 Regulatory Agenda 59 FR 57145 11/14/94	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.	Final rule 4/95.
*780-070.00	Occupational Exposure to Hexavalent Chromium 29 CFR 655(b) 29 CFR 657	Planned NPRM 59 FR 57828 11/14/94	OSHA denies a petition for an emergency temporary standard to lower the PEL for hexavalent chromium compounds (CRVI) to 0.5 ug/m <sup>3</sup> TWA from its current level of 100 ug/m <sup>3</sup> 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 101-6	NPRM 59 FR 26768 05/24/94 Final rule 59 FR 54524 11/01/94	As required by the Federal Fire Safety Act of 1992, the General Services Administration further defines the term "equivalent level of safety" as applied to alternatives to automatic sprinkler systems in certain federal buildings.	<u>Effective 10/26/94.</u>
*780-072.00	Respiratory Protective Devices 30 CFR 11 42 CFR 84	NPRM 59 FR 26850 05/24/94 Regulatory Agenda 59 FR 57072 11/14/94	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.	Final rule 1/95.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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 Regulatory Agenda 59 FR 57831 11/14/94	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>Final rule 12/95.</u>
*780-074.00	Comprehensive Occupational Safety and Health Programs 29 CFR 1910 29 CFR 1915 29 CFR 1917 29 CFR 1918 29 CFR 1926 29 CFR 1928	Planned NPRM 59 FR 57142 11/14/94	OSHA will propose requirements for employers to develop and implement an occupational safety and health program in their workplaces in order to establish a single, uniform national approach.	<u>NPRM 3/95.</u>
<b>ENDANGERED SPECIES ACT</b>				
*200-039.00	Endangered and Threatened Wildlife - Bald Eagle 50 CFR 17	ANPRM 55 FR 4209 02/07/90 NPRM 59 FR 35584 07/12/94 Regulatory Agenda 59 FR 57698 11/14/94	The Fish and Wildlife Service proposes to reclassify the bald eagle ( <i>Haliaeetus leucocephalus</i> ) from endangered to threatened in the lower 48 States except in certain portions of the American Southwest.	Final rule by 7/95.
*200-049.01	Critical Habitat Designation - Marbled Murrelet 50 CFR 17	NPRM 59 FR 3811 01/27/94 Regulatory Agenda 59 FR 57714 11/14/94	FWS proposes to designate critical habitat for the threatened marbled murrelet ( <i>Brachyramphus marmoratus marmoratus</i> ) in Washington, Oregon, and California.	Final rule by 4/95.

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*200-051.01	Snake River Spring/Summer and Fall Chinook Salmon - Endangered Status 50 CFR 17 50 CFR 222	Emergency rule 59 FR 54840 11/02/94	The FWS reclassifies the Snake River spring/summer chinook salmon ( <u>Oncorhynchus tshawytscha</u> ) and the Snake River fall chinook salmon from threatened to endangered status under the ESA.	<u>Effective from 8/18/94 to 5/26/95.</u>
		NPRM 59 FR 66784 12/28/94	NMFS proposes to permanently reclassify Snake River spring/summer and fall chinook salmon ( <u>Oncorhynchus tshawytscha</u> ) as endangered, a change from the previous threatened status.	<u>Comments by 2/21/95.</u>
*200-052.01	Critical Habitat Designation for the Mexican Spotted Owl 50 CFR 17	NPRM 59 FR 63162 12/07/94	The FWS proposes to designate critical habitat for the Mexican spotted owl ( <u>Strix occidentalis lucida</u> ) on certain lands in AZ, NM, UT, and CO, which now provide habitat or may provide habitat for the owl, and that are managed for timber harvest.	<u>Comments by 3/7/95. Final rule undetermined.</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 57708 11/14/94	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 2/95.</u>
*200-064.00	Endangered and Threatened Wildlife - Southwestern Willow Flycatcher 50 CFR 17	NPRM 58 FR 39495 07/23/93 Regulatory Agenda 59 FR 57710 11/14/94	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.	<u>Final rule 3/95.</u>
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 57713 11/14/94	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.	<u>Final rule by 1/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*200-069.00	Endangered and Threatened Species - Coho Salmon 50 CFR 226 50 CFR 227	Petition for rulemaking 59 FR 3662 01/26/94 Planned NPRM 59 FR 57416 11/14/94	NOAA announces the receipt of a petition under the ESA to list as endangered or threatened, and to designate critical habitat for, coho salmon ( <i>Oncorhynchus kisutch</i> ) 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 3/95. Final rule 3/96.</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 (NMFS) announces the receipt of a petition to list steelhead ( <i>Oncorhynchus mykiss</i> ) throughout its range in WA, OR, CA, & ID and to designate critical habitat under the ESA.	<u>NPRM 6/95.</u>
		Notice 59 FR 59981 11/21/94	The NMFS has determined that Deer Creek summer steelhead in Washington do not constitute a "species" under the ESA and, therefore, do not qualify for listing at this time. They are, however, part of the larger steelhead unit and will be considered for listing under the 5/27/94 petition.	
*200-072.00	Threatened and Endangered Species - Freshwater Mussels 50 CFR 17	NPRM 59 FR 35900 07/14/94 Regulatory Agenda 59 FR 57700 11/14/94	The Fish and Wildlife Service proposes to list as endangered five freshwater mussels present in parts of the Cumberland River and Tennessee River systems in Kentucky and Tennessee.	Final rule by 7/95.
*200-074.00	Animal Candidate Review for Listing as Endangered or Threatened Species 50 CFR 17	Notice 59 FR 58982 11/15/94	The U.S. FWS issues an updated compilation of vertebrate and invertebrate animal taxa native to the U.S. that are being reviewed for possible addition to the List of Endangered and Threatened Wildlife under the ESA.	<u>Comments accepted until publication of an update of this notice, anticipated in 1996.</u>
*200-075.00	Guidance for Candidate Species under the Endangered Species Act	NOA 59 FR 65780 12/21/94	The FWS and NMFS announce the availability for public review of their draft guidance for the assessment, monitoring, and conservation of species that are candidates for listing.	<u>Comments by 2/21/95.</u>
*200-076.00	Recognition of Distinct Vertebrate Population Segments - Draft Policy	Notice 59 FR 65884 12/21/94	The FWS and NMFS propose to adopt a policy to clarify their interpretation of the phrase "distinct population segment of any species of vertebrate fish or wildlife" for the purposes of listing, delisting, and reclassifying species under the ESA.	<u>Comments by 2/21/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*200-077.00	Endangered Species Act Consultation Handbook for Federal Entities Section 7 Consultations	NOA 59 FR 65781 12/21/94	The FWS and NMFS announce the availability of their "Draft Section 7 Endangered Species Consultation Handbook - Procedures for Conducting Section 7 Consultations and Conferences." Section 7 of the ESA requires federal agencies to ensure, through consultation with DOI or DOC, that any activity they authorize, fund, or carry out is not likely to jeopardize the continued existence of any listed species.	<u>Comments by 2/21/95.</u>
<b>MARINE PROTECTION, RESEARCH, AND SANCTUARIES ACT</b>				
*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 2/95.</u>
*460-017.00	Ocean Dumping Regulations - Corrections to List of Sites 40 CFR 228	NPRM 58 FR 32322 06/09/93 Final rule 59 FR 61128 11/29/94	EPA revises the list of EPA designated ocean dumping sites in 40 CFR 228 to correct misprints and typographical errors and improve the clarity and accuracy of the list.	<u>Effective 12/29/94.</u>
<b>NATIONAL ENVIRONMENTAL POLICY ACT</b>				
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.	Draft PEIS 2/95; will cover only waste management.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*480-022.00	Reconfiguration of DOE's Nuclear Weapons Complex	NOI 56 FR 5590 02/11/91 NOI 58 FR 39528 07/23/93 NOI 59 FR 54175 10/28/94	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). DOE announces its intent to divide the current PEIS on reconfiguration of the nuclear weapons complex into two separate analyses: (1) a tritium supply and recycling PEIS and (2) a stockpile stewardship and management PEIS.	<u>Tritium PEIS 3/95, final 11/95, No schedule yet for stockpile EIS.</u>
*480-024.00	EIS on Alternative Strategies for Management of Uranium Hexafluoride	Advance NOI 59 FR 56325 11/10/94	DOE provides advance notice of its intent to prepare an EIS on alternative strategies for the long-term management or uses of depleted uranium hexafluoride resources currently stored at Paducah, KY; Portsmouth, OH; and Oak Ridge, TN.	<u>Formal NOI 6/95.</u>
<b>NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT</b>				
*480-001.00	Native American Graves Protection and Repatriation Act Implementation 43 CFR 10	NPRM 58 FR 31122 05/28/93 Regulatory Agenda 59 FR 57725 11/14/94	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 4/95.
<b>ARCHEOLOGICAL RESOURCES PROTECTION ACT</b>				
*480-001.00	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 57723 11/14/94	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 1/95.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
<b>NATIONAL HISTORIC PRESERVATION ACT</b>				
*320-109.00	Protection of Historic Properties - Federal Undertakings 36 CFR 800	NPRM 59 FR 50396 10/03/94 Regulatory Agenda 59 FR 58184 11/14/94	The Advisory Council on Historic Preservation proposes changes to its regulations in order to implement the 1992 amendments to the National Historic Preservation Act and to improve the Sect. 106 process, by which federal agencies consider the effects of their undertakings on historic properties.	<u>Final rule 2/95.</u>
<b>FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT</b>				
*300-003.00	Guidelines on Disposal and Storage - Procedures for Recall of Canceled and Suspended Pesticides (Phase I) 40 CFR 165	Updating underway 50 FR 44656 10/29/85 NPRM 58 FR 26856 05/05/93 Regulatory Agenda 59 FR 58219 11/14/94	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 58216 11/14/94	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.	<u>Final rule 6/96.</u> <u>Phase III NPRM on hold</u> <u>until Phase II completed.</u>
*300-004.01	Worker Protection Standards - Hazard Communication 40 CFR 170	NPRM 57 FR 38167 08/21/92 Regulatory Agenda 59 FR 58218 11/14/94	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.	Final rule 2/95.

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RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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 58218 11/14/94	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 Final rule 59 FR 45600 09/01/94	EPA amends its experimental use permit regulations for pesticides to clarify the circumstances under which a permit is presumed not to be required and to specify that the presumption is based on risk. EPA will also now require notification before initiation of small-scale testing of certain genetically modified microbial pesticides.	<u>Effective 10/31/94.</u>
*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 58218 11/14/94	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.
*300-026.00	National Laboratory Accreditation Program 7 CFR 100	ANPRM 57 FR 54727 11/20/92 Planned NPRM 59 FR 57267 11/14/94	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 7/95.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*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 58216 11/14/94	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 5/95.
<b>FEDERAL MINE SAFETY AND HEALTH ACT</b>				
*330-006.00	Hazard Communication CFR undetermined	NPRM 55 FR 46400 11/02/90 Regulatory Agenda 59 FR 57824 11/14/94	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.	<u>Final rule 2/95.</u>
<b>HISTORIC SITES ACT OF 1935</b>				
*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 57724 11/14/94	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 1/95.</u>

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
<b>PACIFIC NORTHWEST ELECTRIC POWER AND CONSERVATION ACT</b>				
*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 on hold pending possible complete revision of the entire River Basin Fish and Wildlife Program.</u>
*810-018.00	Columbia River Basin Fish and Wildlife Program - Anadromous Fish Provisions Amendments	Proposed amendments 59 FR 52007 10/13/94 Final amendments 59 FR 67351 12/29/94	The Northwest Power Planning Council announces that final amendments have been adopted to the anadromous fish provisions of the Columbia River Basin Fish and Wildlife Program.	<u>Final amendments adopted 12/15/94.</u>
<b>COSTAL ZONE MANAGEMENT ACT</b>				
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.	States with approved coastal zone management programs must comply with this guidance effective 6/13/95.
<b>OTHER</b>				
*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.	<u>Final guidelines 4/95.</u>
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.	Executive Order 1/95 establishing "no net loss" policy.

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REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
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 1/95.
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 and issues report. Report will be out 2/95. Final rule 1-2 years later.
805-069.01	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 58240 11/14/94	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). No schedule for action as yet.
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.	Final policy statement awaiting decision of Commission.
*805-070.01	National Voluntary Laboratory Accreditation Program for Ionizing Radiation Dosimetry	Notice 59 FR 61906 12/02/94	NRC and the Department of Commerce, National Institute of Standards and Technology, announce a revised proficiency testing standard for the National Voluntary Laboratory Accreditation Program for Ionizing Radiation Dosimetry.	Comments by 1/31/95.
*805-079.00	Enforcement of Employee Safety Standards at Nuclear Weapons Facilities	ANPRM 59 FR 44139 08/26/94 Planned NPRM 59 FR 57515 11/14/94	DOE announces its plans to implement the enforcement provisions of the National Defense Authorization Act, which allow for the assessment of civil penalties against DOE contractors who fail to provide adequate training to employees assigned to hazardous substance response or emergency response duties.	NPRM undetermined.

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## REGULATORY UPDATE TABLE - NOVEMBER/DECEMBER 1994

RU NO.	REQUIREMENT	STATUS (a)	ANTICIPATED CHANGES	SCHEDULED ACTION
*805-081.00	Common Sense Initiative Council Federal Advisory Committee - Establishment	Notice 59 FR 55117 11/03/94	EPA announces the establishment of the Common Sense Initiative Council to develop recommendations for improving the regulatory and statutory environmental protection framework that EPA administers.	
*805-082.00	National Environmental Laboratory Accreditation Conference (NELAC)	Notice 59 FR 62178 12/02/94	EPA publishes the constitution and draft standards for the National Environmental Laboratory Accreditation (NELAC) program and announces that a public conference will be held February 14-16, 1995, to discuss accreditation for laboratories performing analyses to demonstrate compliance with EPA regulations.	
*805-083.00	Seismic Safety of Federal Buildings	Notice 59 FR 62545 12/05/94	The President of the United States issues Executive Order 12941, "Seismic Safety of Existing Federally Owned or Leased Buildings."	

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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 December 31, 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 December 31, 1994. Use only the most current version of this table.)

NAME	CASRN	ORAL RD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>
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	074223-64-6	2.5E-1	—	—	—	—
ALLYL ALCOHOL	000107-18-6	5E-3	—	—	—	—
ALLYL CHLORIDE	000107-05-1	—	1E-3	C	—	—
ALUMINUM PHOSPHIDE	020859-73-8	4E-4	—	—	—	—
AMDRO	067485-29-4	3E-4	—	—	—	—
AMETRYN	000834-12-8	9E-3	—	—	—	—
AMINOPYRIDINE, 4-	000504-24-5	—	—	D	—	—
AMITRAZ	033089-61-1	2.5E-3	—	—	—	—
AMMONIA	007664-41-7	—	1E-1	—	—	—
AMMONIUM ACETATE	000631-61-8	—	—	D	—	—
AMMONIUM METHACRYLATE	016325-47-6	—	—	D	—	—
AMMONIUM SULFAMATE	007773-06-0	2E-1	—	—	—	—

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>
ANILINE	000062-53-3	—	1E-3	B2	5.7E-3	—
ANTHRAZENE	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	—
AROCLOL 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)ANTHRAZENE	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 RD (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>
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	—	—
BUTYLAATE	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 RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>a</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>a</sup>
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	007782-50-5	1E-1	--	--	--	--
CHLORINE CYANIDE (CYANOGEN CHLORIDE)	000506-77-4	5E-2	--	--	--	--
CHLORINE DIOXIDE	010049-04-4	--	2E-4	--	--	--
CHLORO-2-METHYL PROPANE, 2- (T-BUTYLCHLORIDE)	000507-20-0	--	--	D	--	--
CHLOROACETOPHENONE, 2-	000532-27-4	--	3E-5	--	--	--
CHLOROBENZENE	000108-90-7	2E-2	--	D	--	--
CHLOROBENZILATE	000510-15-6	2E-2	--	--	--	--
CHLOROBUTANE, 1-	000109-69-3	--	--	D	--	--
CHLOROBUTANE, 2-	000078-86-4	--	--	D	--	--
CHLOROCYCLOPENTADIENE	041851-50-7	--	--	D	--	--
CHLOROETHOXY)METHANE, BIS(2-	000111-91-1	--	--	D	--	--
CHLOROFORM	000067-66-3	1E-2	--	B2	6.1E-3	--
CHLOROMETHYL METHYL ETHER	000107-30-2	--	--	A	--	--
CHLORONAPHTHALENE, BETA-	000091-58-7	8E-2	--	--	--	--
CHLOROPHENOL, 2-	000095-57-8	5E-3	--	--	--	--
CHLOROTOLUENE, 0-	000095-49-8	2E-2	--	--	--	--
CHLORPROPHAM	000101-21-3	2E-1	--	--	--	--
CHLORPYRIFOS	002921-88-2	3E-3	--	--	--	--
CHLORSULFURON	064902-72-3	5E-2	--	--	--	--
CHLOROTHALONIL	001897-45-6	1.5E-2	--	--	--	--
CHROMIUM(III)	016065-83-1	1E+0	--	--	--	--
CHROMIUM(VI)	018540-29-9	5E-3	--	A	--	--
CHRYSENE	000218-01-9	--	--	B2	--	--
COAL TAR (COKE OVEN EMISSIONS)	008007-45-2	--	--	A	--	--
COPPER	007440-50-8	--	--	D	--	--
COPPER CYANIDE	000544-92-3	5E-3	--	--	--	--
CREOSOTE, COAL TAR	008001-58-9	--	--	B1	--	--
CROTONALDEHYDE	000123-73-9	--	--	C	--	--

NAME	CASRN	ORAL RD (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>
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-	000106-93-4	--	--	B2	8.5E+1	--
DIBUTYL PHTHALATE	000084-74-2	1E-1	--	D	--	--
DICAMBA	001918-00-9	3E-2	--	--	--	--
DICHLOROBENZENE, 1,2-	000095-50-1	9E-2	--	D	--	--
DICHLOROBENZENE, 1,3-	000541-73-1	--	--	D	--	--
DICHLOROBENZIDINE, 3,3'-	000091-94-1	--	--	B2	4.5E-1	--
DICHLORODIFLUOROMETHANE	000075-71-8	2E-1	--	--	--	--
DICHLOROETHANE, 1,1-	000075-34-3	--	--	C	--	--

NAME	CASRN	ORAL RID (mg/kg/day)	INHAL RIC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>
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	--	--	--	--
1,1-DIFLUOROETHANE	000075-37-6		4E+1			
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	--	--

NAME	CASRN	ORAL RD (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>
O-DINITROBENZENE	000528-29-0	—	—	D	—	—
DINITROPHENOL, 2,4-	000051-28-5	2E-3	—	—	—	—
DINITROTOLUENE, 2,4-	000121-14-2	2E-3	—	—	—	—
DINITROTOLUENE MIXTURE	NO CASRN	—	—	B2	—	—
DINOSEB	000088-85-7	1E-3	—	D	—	—
DIOXANE, 1,4-	000123-91-1	—	—	B2	1.1E-2	—
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	6E-3	—	—	—	—
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 R/F (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>
FENPROPATHRIN (DANITOL)	039515-41-8	2.5E-2	--	--	--	--
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	--	--
FONOFOSS	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	--
GLUPOSINATE-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 RD (mg/kg/day)	INHAL RIC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>
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	--
1,6-HEXAMETHYLENE DIISOCYANATE	000822-06-0		1E-5			
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	3E-3	--	--	--
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	--	--	--	--

NAME	CASRN	ORAL R/D (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>
MALEIC ANHYDRIDE	000108-31-6	1E-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	--
METHYLENE DIPHENYL ISOCYANATE	000101-68-8		2E-5			
METOACHLOR	051218-45-2	1.5E-1	--	C	--	--
METRIBUZIN	021087-64-9	2.5E-2	--	D	--	--
MIREX	002385-85-5	2E-4	--	--	--	--

NAME	CASRN	ORAL RD (mg/kg/day)	INHAL R/C (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>
MOLINATE	002212-67-1	2E-3	-	-	-	-
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)	007440-02-0	2E-2	-	-	-	-
NICKEL REFINERY DUST	NO CASRN	-	-	A	-	-
NITAPYRIN	001929-82-4	1.5E-3	-	-	-	-
NITRATE	014797-55-8	1.6E+0	-	-	-	-
NITRIC OXIDE	010102-43-9	1E-1	-	-	-	-
NITRITE	014797-65-0	1E-1	-	-	-	-
NITROBENZENE	000098-95-3	5E-4	-	D	-	-
NITROGEN DIOXIDE	010102-44-0	1E+0	-	-	-	-
NITROGUANIDINE	000556-88-7	1E-1	-	D	-	-
NITROPROPANE, 2-	000079-46-9	-	2E-2	-	-	-
NITROSO-DI-N-PROPYLAMINE, N-	000621-64-7	-	-	B2	7.0	-
NITROSO-DI-N-BUTYLAMINE, N-	000924-16-3	-	-	B2	5.4E+0	-
NITROSODIETHANOLAMINE, N-	001116-54-7	-	-	B2	2.8E+0	-
NITROSODIETHYLAMINE, N-	000055-18-5	-	-	B2	1.50E+2	-
NITROSODIMETHYLAMINE, N-	000062-75-9	-	-	B2	5.1E+1	-
NITROSODIPHENYLAMINE, N-	000086-30-6	-	-	B2	4.9E-3	-
NITROSOMETHYLETHYLAMINE, N-	010595-95-6	-	-	B2	2.2E+1	-
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	-	-	-	-

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>
OXAMYL	023135-22-0	2.5E-2	--	--	--	--
PACLOBUTRAZOL	076738-62-0	1.3E-2	--	--	--	--
PARAQUAT	001910-42-5	4.5E-3	--	C	--	--
PARATHION	000056-38-2	--	--	C	--	--
P-CHLOROPHENYL METHYL SULFIDE	000123-09-1	--	--	D	--	--
P-CHLOROPHENYL METHYL SULFONE	000098-57-7	--	--	D	--	--
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	--	--	--	--

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/m <sup>3</sup> )	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>11</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>11</sup>
PROPARGITE	002312-35-8	2E-2	—	—	—	—
PROPARGYL ALCOHOL	000107-19-7	2E-3	—	—	—	—
PROPAZINE	000139-40-2	2E-2	—	—	—	—
PROPHAM	000122-42-9	2E-2	—	—	—	—
PROPICONAZOLE	060207-90-1	1.3E-2	—	—	—	—
PROPIONIC ACID, 2(2,4,5- TRICHLOROPHOXY)-	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	—	—	—	—
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QUINALPHOS	013593-03-8	5E-4	—	—	—	—
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ROTELONE	000083-79-4	4E-3	—	—	—	—
SAVEY	078587-05-0	2.5E-2	—	—	—	—
SELENIUS 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	—	—	—	—

NAME	CASRN	ORAL RfD (mg/kg/day)	INHAL RfC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>-1</sup>
STYRENE	000100-42-5	2E-1	1E+0	—	—	—
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	1E-2	—	—	—	—
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	—	—	—	—

NAME	CASRN	ORAL RID (mg/kg/day)	INHAL RIC (mg/cu m)	EPA GROUP	ORAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>	INHAL SLOPE FACTOR (mg/kg/day) <sup>1</sup>
TRICHLORO-1,2,2-TRIFLUOROETHANE,1,1,2-	000076-13-1	3E+1	--	--	--	--
TRICHLOROBENZENE, 1,2,4-	000120-82-1	1E-2	--	D	--	--
TRICHLOROCYCLOPENTADIENE	077323-84-3	--	--	D	--	--
TRICHLOROETHANE, 1,1,1-	000071-55-6	--	--	D	--	--
TRICHLOROETHANE, 1,1,2-	000079-00-5	4E-3	--	C	5.7E-2	--
TRICHLOROETHYLENE	000079-01-6	--	--	--	--	--
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TRIDIPHANE	058138-08-2	3E-3	--	--	--	--
TRIETHYLAMINE	000121-44-8	--	7E-3	--	--	--
TRIFLURALIN	001582-09-8	7.5E-3	--	C	7.7E-3	--
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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	--	--
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ZINC CYANIDE	000557-21-1	5E-2	--	--	--	--
ZINC PHOSPHIDE	001314-84-7	3E-4	--	--	--	--
ZINEB	012122-67-7	5E-2	--	--	--	--

EPA CARCINOGENICITY GROUPS

A = HUMAN CARCINOGEN

B1 = PROBABLE HUMAN CARCINOGEN

Limited evidence in human studies

B2 = PROBABLE HUMAN CARCINOGEN

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

C = POSSIBLE HUMAN CARCINOGEN

D = NOT CLASSIFIABLE AS TO HUMAN CARCINOGENICITY

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