

RECEIVED BY **77** JUL 27 1983

**DO NOT MICROFILM
COVER**

**NUREG-0936
Vol. 2, No. 2**

NRC Regulatory Agenda

Quarterly Report
March - May 1983

**U.S. Nuclear Regulatory
Commission**

Office of Administration



DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

MASTER

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

**DO NOT MICROFILM
COVER**

Available from

NRC/GPO Sales Program

Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

A year's subscription consists of 4 issues for
this publication.

Single copies of this publication
are available from National Technical
Information Service, Springfield, VA 22161

Microfiche of single copies are
available from NRC/GPO Sales Program
Washington, D. C. 20555

NRC Regulatory Agenda

NUREG--0936-Vol.2-No.2

DE83 902892

Quarterly Report
March - May 1983

Manuscript Completed: June 1983
Date Published: July 1983

Division of Rules and Records
Office of Administration
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

MASTER

EDB

TABLE OF CONTENTS

SECTION I - RULES

	<u>Page</u>
(A) - Rules on which final action has been taken since February 28, 1983	
Criteria for Notice and Public Comment and Procedures for State Consultation on License Amendments Involving No Significant Hazards Consideration (Parts 2, 50)	1
Transuranic Waste Disposal (Parts 20, 150)	2
Access to and Protection of National Security Information and Restricted Data (Parts 25, 95)	3
Regional Licensing Program; Further Implementation (Parts 30, 40, 70)	4
Consumer Products Containing Small Quantities of Radioactive Material: Modified Reporting and Recordkeeping Require- ments (Part 32)	5
Fracture Toughness Requirements for Nuclear Power Reactors (Part 50)	6
Applicability of Technical Facility License Conditions and Specifications in an Emergency (Part 50)	7
Standards for Determining Whether License Amendments Involve No Significant Hazards Consideration (Part 50)	8
Laboratory Accreditation Program (Part 50)	9
Changes in Physical Security Plans; Licensees Possessing or Using Special Nuclear Material of Moderate and Low Strategic Significance (Part 70)	10
(B) - Proposed Rules	
Procedures Involving the Equal Access to Justice Act: Implementation (Parts 1, 2).	11
Modifications to the NRC Hearing Process (Limited Interro- gatories and Factual Basis for Contentions) (Part 2) . . .	12
Commission Review Procedures for Power Reactor Construction Permits; Immediate Effectiveness Rule (Part 2)	13

Authority to Issue Notices of Violation to Non-Licensees and Delegation of Authority to Regional Administrators (Part 2)	14
Separation of Functions and Ex Parte Communications in On-the-Record Adjudications (Part 2)	15
Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions (Parts 2, 30, 40, 50, 51, 70, 110)	16
Possible Amendments to "Immediate Effectiveness" Rules (Parts 2, 50)	17
Temporary Operating Licenses (Parts 2, 50)	18
Licensing and Regulatory Policy and Procedures for Environ- mental Protection; Alternative Site Reviews (Parts 2, 50, 51)	19
Hearing on Denial of Reactor Operator License (Parts 2, 55).	20
Nondiscrimination on Basis of Age in Federally Assisted Commission Programs (Part 4)	21
Lower Radiation Exposure Levels for Fertile Women (Parts 19, 20)	22
Changes in Radiation Dose-Limiting Standards (Parts 19, 20)	23
Authority for the Copying of Records and Retention Periods for Security Records (Parts 19, 21, 30, 40, 50, 70, 71, 73, 110)	24
Reports of Theft or Loss of Licensed Material (Part 20) . . .	25
Residual Contamination in Smelted Alloys (Parts 30, 32, 70, 150)	26
Clarified Requirements for Terminating a License (Parts 30, 40, 70)	27
Irretrievable Well-Logging Sources (Parts 30, 70, 150) . . .	28
Patient Dosage Measurement (Part 35)	29
Group Licensing for Certain Medical Uses (Part 35)	30

General Design Criteria for Fuel Reprocessing Plants (Part 50)	31
Uranium Mill Tailings Regulations: Proposed Suspension of Certain Provisions (Part 40)	32
Anticipated Transients Without Scram (ATWS) (Part 50)	33
Immediate Notification Requirement for Operating Nuclear Reactors (Part 50)	35
Interim Requirements Related to Hydrogen Control (Part 50)	36
Technical Specifications for Nuclear Power Reactors (Part 50)	37
Codes and Standards for Nuclear Power Plants (Part 50)	38
Licensee Event Report System (Part 50)	39
Fitness for Duty of Personnel with Unescorted Access to Vital or Protected Areas of Nuclear Power Plants (Part 50)	40
Shift Staffing at Nuclear Power Plants (Part 50)	41
Safeguards Requirements for Nonpower Reactor Facilities Possessing Formula Quantities of Strategic Special Nuclear Material (Parts 50, 70, 73)	42
Codes and Standards for Nuclear Power Plants (Summer 1982) (Part 50)	43
Requirements for Licensee Action Regarding the Disposition of Spent Fuel Upon Expiration of the Reactors' Operating License (Parts 50, 51)	44
Explanation to Table S-3 Uranium Fuel Cycle Environmental Data (Part 51)	45
Disposal of High-Level Radioactive Wastes in Geologic Repositories (Part 60)	46
Criteria and Procedures for Determining the Adequacy of Available Spent Nuclear Fuel Storage Capacity (Part 53)	47
Material Control and Accounting Requirements for Low Enriched Uranium Fuel Cycle Facilities (Part 70)	48

Transportation of Radioactive Material - Compatibility with IAEA Regulations (Part 71)	49
Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions (Part 71)	50
Miscellaneous Amendments Concerning Physical Protection of Nuclear Power Plants (Part of Insider Rule Package) (Part 73)	51
Searches of Individuals at Power Reactor Facilities (Part of Insider Package) (Part 73)	52
Removal of Appendices A Through H From 10 CFR Part 140 (Part 140)	53
Revision of License Fee Schedules (Part 170)	54
(C) - Advance Notices of Proposed Rulemaking	
Standards for Protection Against Radiation (Part 20)*	55
Performance Testing of Personnel Dosimetry (Part 20)*	56
Decommissioning Criteria for Nuclear Facilities (Parts 30, 40, 50, 70, 72)	57
Upgraded Emergency Preparedness Procedures for Certain Fuel Cycle and Byproduct Materials Licensees (Parts 30, 40, 70, 72)*	58
Certification of Industrial Radiographers (Part 34)	59
Acceptance Criteria for Emergency Core Cooling Systems for Light-Water-Cooled Nuclear Power Plants (Part 50)	60
Severe Accident Design Criteria (Part 50)	61
Design and Other Changes in Nuclear Power Plant Facilities After Issuance of Construction Permit (Part 50)	62
Mandatory Property Insurance for Decontamination of Nuclear Facilities (Part 50)	63
Modification of the Policy and Regulatory Practice Governing the Siting of Nuclear Power Reactors (Parts 50, 51, 100)	64

Material Control and Accounting Requirements for Facilities Possessing Formula Quantities of Strategic Special Nuclear Material (Part 70)	65
Seismic and Geologic Siting Criteria for Nuclear Power Plants (Part 100)	66
(D) - Unpublished Rules	
Jurisdiction of Adjudicatory Boards (Parts 1, 2)	67
Participation of the NRC Staff in Initial Licensing Proceedings (Part 2)	68
Backfitting (Parts 2, 50)	69
Regulatory Reform of the Rules of Practice and Rules for Licensing of Production and Utilization Facilities (Parts 2, 50)	70
Hybrid Hearing Procedures for Expansions of Onsite Spent Fuel Storage Capacity at Civilian Nuclear Power Reactors (Parts 2, 72)	71
Procedures for Picking Up, Receiving, and Opening Packages (Part 20)	72
Performance Testing for Health Physics Survey Instruments* (Part 20)	73
Performance Testing for Bioassay Labs (Part 20)	74
Proposed Revisions to the Criteria and Procedures for the Reporting of Defects and Noncompliance (Parts 21, 50)	75
Amendment to the Timetable for the Publication of a Revised Access Authorization Fee Schedule (Part 25)	76
Periodic and Systematic Reevaluation of Parts 30 and 32 (Parts 30, 32)	77
Radiation Surveys and Internal Inspection System (Part 34)	78
Medical Licenses for Human Use of Byproduct Material* (Part 35)	79
Group Licensing for Certain Medical Uses: Albumin Colloid (Part 35)	80

Suspension of Exemption Permitting Use of a Glaze Contain- ing Small Amounts of Uranium in Certain Cloisanne Jewelry (Part 40)	81
Source Material Transfer Reports and Tritium Inventory Reports (Parts 40, 150)	82
Extension of Criminal Penalties (Part 50)	83
Occupational ALARA Rule (Part 50)	84
Protection of Contractor Employees (Part 50)	85
Extension of Construction Completion Date (Part 50)	86
Frequency of Emergency Preparedness Exercises for State and Local Governments (Part 50)	87
Emergency Preparedness Reporting Requirements (Part 50) . . .	88
Pressurized Thermal Shock (Part 50)	89
Fire Protection for Future Plants (Part 50)	90
Primary Reactor Containment Leakage Testing for Water-Cooled Power Reactors (Part 50)	91
Codes and Standards for Nuclear Power Plants (Winter 1982) (Part 50)	92
General Human Factors Criteria for New Construction (Part 50)	93
Applicability of Appendix B to Appendix A (Part 50)	94
Radon Emissions Estimate for Table S-3 (Parts 50, 51)	95
Operator Training and Qualification (Parts 50, 55)	97
Personnel Access Authorization Requirements for Nuclear Power Plants (Part of Insider Rule Package) (Parts 50, 73).	98
Material Status Reports (Part 70)	99
International Convention for the Protection of Nuclear Material (Parts 70, 73, 110)	100
Modification of Protection Requirements for Spent Fuel Shipments (Part 73)	101

Medical Standards for Employment of Security Personnel (Part 73)	102
Physical Protection Requirements for Independent Spent Fuel Storage Installations (ISFSIs) (Part 73)	103
Patents (Part 81)	104
Export/Import of Nuclear Equipment and Material (Part 110)	105
Criteria for an Extraordinary Nuclear Occurrence (Part 140)	106



SECTION II - PETITIONS FOR RULEMAKING

	<u>Page</u>
(A) - Petitions incorporated into final rules or petitions denied since February 28, 1983	
Certification of Health Physics Personnel (PRM-20-13).	107
Standards for Determining Whether License Amendments Involve No Significant Hazards Consideration (PRM-50-17)	108
Offsite Emergency Planning Prior to Issuance of Full Power License (PRM-50-35)	109
(B) - Petitions incorporated into proposed rules	
Shallow Land Disposal of Low-Level Radioactive Waste (PRM-20-7).	111
Decommissioning of Nuclear Power Plants (PRM-50-22)	113
Anticipated Transients Without Scram (ATWS) (PRM-50-29)	114
Exemption of "Low Specific Activity Material" from the Requirements of Part 71 (PRM-71-1, PRM-71-2, and PRM-71-4). . .	116
Addition of Lead-201 to Transport Group IV (PRM-71-3)	118
(C) - Petitions pending staff review	
Radiation Protection Standards (PRM-20-6)	119
Standards for Protection Against Radiation (PRM-20-6A).	121
Radiation Standards for Uses of Byproduct Material (PRM-30-55)	122
Radioactive Material From Environmental Sources (PRM-30-58)	124
Final Radiation Survey of a Radiographic Exposure Device (PRM-34-3).	125
Intervals Between Required Dosimetry System Calibrations (PRM-35-2).	126
Safety and Licensing Requirements (PRM-50-10)	128

	<u>Page</u>
Plant Security Information (PRM-50-21).	130
Objects Falling From Earth Orbit (PRM-50-24).	131
Extension of Construction Completion Date (PRM-50-25 and PRM-50-25A)	132
Emergency Preparedness (PRM-50-31).	133
Protection Against the Effects of Electromagnetic Pulse (EMP) (PRM-50-32, PRM-50-32A, and PRM-50-32B)	134
Emergency Training Exercises at Nuclear Power Plants Involving State and Local Governments (PRM-50-33)	135
Frequency of Nuclear Power Plant Emergency Training Exercises Requiring Local Government Agency Participation (PRM-50-34) . .	136
Generic Environmental Impact Statement for High Burnup Nuclear Fuel (PRM-51-6)	137
Air Transport of Plutonium (PRM-70-6)	139
Elimination of "Pat Down" Physical Searches of Individuals at Nuclear Power Plants (PRM-73-2)	140
Physical Security Requirements at Nuclear Power Plants (PRM-73-3).	142
Modification of Qualifications for Security Personnel of Nuclear Power Plants and Other Special Nuclear Material Licensees (PRM-73-6).	144
Elimination of Required Log-Out of Personnel from Vital Areas of Nuclear Power Reactors (PRM-73-7).	145
Elimination of Required Search of Hand-Carried Packages of Personnel at Nuclear Power Plants (PRM-73-8).	146
Extraordinary Nuclear Occurrence (PRM-140-1).	147

(D) - Petitions with deferred action

Licensing the Possession of Uranium Mill Tailings at Inactive Storage Sites (PRM-40-23)	149
Revised Criteria for Operation of Uranium Mills and Disposition of Tailings or Wastes (PRM-40-24)	151

	<u>Page</u>
Reactor Safety Measures (PRM-50-20)	152
Environmental Impacts of the Uranium Fuel Cycle (PRM-51-1). . . .	154
Emergency Planning and Response for Transportation Accidents Involving Radioactive Materials (PRM-71-6).	156
Population Density Criteria Near Nuclear Power Plants (PRM-100-2)	158



Preface

The Regulatory Agenda is a quarterly compilation of all rules on which the NRC has proposed, or is considering action as well as those on which it has recently completed action, and all petitions for rulemaking which have been received and are pending disposition by the Commission.

Organization of the Agenda

The agenda consists of two sections. Section I, "Rules" includes:

(A) Rules on which final action has been taken since February 28, 1983, the cutoff date of the last Regulatory Agenda, (B) Rules published previously as proposed rules and on which the Commission has not taken final action, (C) Rules published as advance notices of proposed rulemaking and for which neither a proposed nor final rule has been issued; and (D) Unpublished rules on which the NRC expects to take action.

Section II, "Petitions for Rulemaking" includes: (A) Petitions incorporated into final rules or petitions denied since February 28, 1983, (B) Petitions incorporated into proposed rules, (C) Petitions pending staff review, and (D) Petitions with deferred action.

In Section I of the Agenda, the rules are ordered from lowest to highest Title 10 Code of Federal Regulations (10 CFR) part. If more than one rule appears under the same part, the rules are arranged within the part by date of most recent publication. If a rule amends multiple parts, the rule is listed under

the lowest affected part. In Section II of the Agenda, the petitions are ordered from lowest to highest part of 10 CFR and are identified with a petition for rulemaking (PRM) number. If more than one petition appears under the same CFR part, the petitions are arranged by PRM numbers in consecutive order within the part of 10 CFR.

The status and information included in Sections I and II of this agenda have been updated through May 31, 1983. The dates listed under the heading "Timetable" for scheduled action by the Commission or the Executive Director for Operations (EDO) on particular rules or petitions are considered tentative and are not binding on the Commission or its staff. They are included for planning purposes only. This Regulatory Agenda is published to provide increased notice and public participation in the rulemaking proceedings included on the Agenda. The NRC may, however, consider or act on any rulemaking proceeding even if it is not included in this Regulatory Agenda.

Regulatory Flexibility Act

The Regulatory Flexibility Act (Pub. L. 96-354) was enacted to encourage Federal agencies to consider, consistent with their enabling legislation, regulatory and informational requirements appropriate to the sizes of the businesses, organizations, and governmental jurisdictions subject to regulations. The Act requires that NRC consider modifying or tiering those rules which have a significant economic impact upon a substantial number of small entities in a way which considers the particular needs of small businesses or other small entities, while at the same time assuring that the public health and safety and the common defense and security are adequately

protected. The Act requires an agency to prepare a regulatory flexibility analysis for any proposed rule issued after January 1, 1981 (or final rule for which a proposed rule was issued after January 1, 1981) if the rule will have a significant economic impact upon a substantial number of small entities. If the rule will not have this impact, the head of the agency must so certify in the rule, and the analysis need not be prepared.

Symbols

Rules that appear on the agenda for the first time are identified by the symbol "+" at the end of the title. Rules that may have a significant economic impact upon a substantial number of small entities, pursuant to the Regulatory Flexibility Act (Pub. L. 96-354), are identified by an asterisk (*). This agenda contains no major rules as defined in Section 1(b) of Executive Order 12291.

Public Participation in Rulemaking

Comments on any rule in the agenda may be sent to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Attention: Docketing and Service Branch. Comments may also be hand delivered to Room 1131, 1717 H Street, NW., Washington, DC between 8:15 a.m. and 5:15 p.m. Comments received on rules for which the comment period has closed will be considered if it is practical to do so, but assurance of consideration cannot be given except as to comments received on or before the closure dates specified in the agenda.

The agenda and any comments received on any rule listed on the agenda are available for public inspection, and copying at a cost of five cents per page, at the Nuclear Regulatory Commission's Public Document Room, 1717 H Street, NW., Washington, DC. Single copies of this agenda may be purchased from the NRC/GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission, Washington, DC 20555 at a cost of \$6.00, payable in advance.

Additional Rulemaking Information

For further information concerning NRC rulemaking procedures or the status of any rule listed in this agenda, contact John D. Philips, Chief, Rules and Procedures Branch, Division of Rules and Records, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Telephone (301) 492-7086, persons outside the Washington, DC metropolitan area may call toll-free: 800-368-5642. For further information on the substantive content of any rule listed in the agenda, contact the individual listed under the heading "contact" for that rule.

I-RULES



SECTION I - RULES

(A) - Rules on which final action has been
taken since February 28, 1983

A

TITLE:

Criteria for Notice and Public Comment and Procedures for
State Consultation on License Amendments Involving No
Significant Hazards Consideration

CFR CITATION:

10 CFR 2; 10 CFR 50

ABSTRACT:

The final rule implements recently enacted legislation by specifying criteria and procedures for providing or dispensing with prior notice and public comment on determinations about whether amendments to operating licenses for certain facilities involve no significant hazards consideration. In addition, the final rule would specify procedures for consultation on these determinations with the State in which the facility of the Licensee requesting the amendment is located. The final rule would permit the Commission to act expeditiously, if circumstances surrounding a request for amendment require a prompt response and to issue an amendment before holding any required hearing, unless a significant hazards consideration is involved.

TIMETABLE:

Interim Final Rule 04/06/83 48 FR 14876
Interim Rule Comment Period begins 04/06/83 48 FR 14876
Interim Final Rule 04/06/83 48 FR 14876
Interim Rule Comment Period ends 05/06/83
Final Action 07/00/83

COMPLETED ACTION:

Interim Final Rule 04/06/83 48 FR 14876

LEGAL AUTHORITY:

42 USC 2201; PL 97-415

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Thomas F. Dorian
Office of the Executive Legal Director
Washington, DC 20555
301 492-8690

TITLE:

Transuranic Waste Disposal

CFR CITATION:

10 CFR 20; 10 CFR 150

ABSTRACT:

The proposed rule would prohibit the disposal by burial in soil of transuranic elements above a certain concentration. A companion amendment to Part 150 would reassert exclusive Commission authority in Agreement States over disposal of transuranic contaminated wastes (TRU) exceeding this concentration. This proposed rule has been incorporated into a final rule that establishes a new 10 CFR Part 61. The staff is currently preparing a notice withdrawing this proposed rule and its accompanying amendment to Part 150.

TIMETABLE:

NPRM 09/12/74 39 FR 32921

NPRM Comment Period Begin 09/12/74 39 FR 32921

NPRM Comment Period End 11/11/74

Withdrawn 05/09/83 48 FR 20723

COMPLETED ACTION:

Withdrawn 05/09/83 48 FR 20723

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2093; 42 USC 2095; 42 USC 2111; 42 USC 2133;
42 USC 2134; 42 USC 2201; 42 USC 2273; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Paul H. Lohaus
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4500

TITLE:

Access to and Protection of National Security Information and
Restricted Data

CFR CITATION:

10 CFR 25; 10 CFR 95

ABSTRACT:

The final rule (1) modifies the requirements for requesting access authorizations for individuals who possessed authorizations on the effective date of Part 25, (2) establishes a requirement to maintain records concerning visits to and from affected licensed facilities involving classified information, (3) provides additional guidance to affected licensees for handling classified drafts of documents and working papers as well as guidance for obtaining approvals for the security of telecommunications and ADP systems where classified information is involved, and (4) addresses the requirements for classifying, declassifying and safeguarding National Security Information as set forth in the new EO 12356 and Implementing Directive. These final amendments are necessary to incorporate experience gained under the current regulations, comply with the requirements of the new Executive Order 12356, and prohibit the unauthorized disclosure of National Security Information and Restricted Data.

TIMETABLE:

NPRM 12/30/82 47 FR 58275
NPRM Comment Period Begin 12/30/82 47 FR 58275
NPRM Comment Period End 01/31/83
Final Action 06/01/83 48 FR 24318
Final Action Effective 07/01/83

COMPLETED ACTION:

Final Action 06/01/83 48 FR 24318

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2165; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Raymond J. Brady
Office of Administration
Washington, DC 20555
301 427-4472

TITLE:

Regional Licensing Program; Further Implementation

CFR CITATION:

10 CFR 30; 10 CFR 40; 10 CFR 70

ABSTRACT:

The final rule provides information concerning the further implementation of NRC's regional licensing program as the program applies to byproduct, source, and special nuclear material licensees. The final rule extends the regional licensing program for materials licensees to Regions II, IV, and V. The final rule also specifies the categories of licensing actions for which authority has been delegated to each Regional Administrator. The final rule is necessary to inform current or prospective licensees of current NRC practices and procedures.

TIMETABLE:

Final Action Effective 04/01/83
Final Action 04/14/83 48 FR 16030

COMPLETED ACTION:

Final Action 04/14/83 48 FR 16030

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: N/A**AGENCY CONTACT:**

Vandy L. Miller
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4002

TITLE:

Consumer Products Containing Small Quantities of
Radioactive Material: Modified Reporting and Recordkeeping
Requirements

CFR CITATION:

10 CFR 32

ABSTRACT:

The final rule revises the requirement that licensees distributing products containing exempt quantities of radioactive material submit annual reports on the type and number of products distributed. The final rule requires affected licensees to submit a report every five years instead of annually. NRC uses these reports to estimate exposure of the general public to widely used consumer radioactive products. A licensee's questions concerning the significance of the reports resulted in a review of the reporting requirement. The final rule is intended to reduce the administrative and paperwork burden for the licensee and the NRC without significantly changing the value of the reports to the regulatory program monitoring the use of radioactive materials in consumer products.

TIMETABLE:

NPRM 11/23/82 47 FR 52719
NPRM Comment Period Begin 11/23/82 47 FR 52719
NPRM Comment Period End 12/23/82
Final Action 03/24/83 48 FR 12331
Final Action Effective 06/30/83

COMPLETED ACTION:

Final Action 03/24/83 48 FR 12331

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201; 42 USC 2232; 42 USC 2233; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Anthony Tse
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

Fracture Toughness Requirements for Nuclear Power Reactors

CFR CITATION:

10 CFR 50

ABSTRACT:

The final rule updates existing fracture toughness requirements for the reactor coolant pressure boundary of light-water nuclear power reactors. The final rule is needed to (1) clarify the applicability of the fracture toughness requirements to old and new plants, (2) modify certain requirements of Appendices G and H to 10 CFR 50, and (3) simplify these regulations by replacing technical detail with references to appropriate ASME Boiler and Pressure Vessel Code provisions. The NRC staff has modified the final rule to clarify that it is applicable only to normal operation. A revised final rule was approved by the Commission on April 21, 1983.

TIMETABLE:

NPRM 11/14/80 45 FR 75536
NPRM Comment Period Begin 11/14/80 45 FR 75536
NPRM Comment Period End 01/13/81
Final Action 05/27/83 48 FR 24008
Final Action Effective 07/26/83

COMPLETED ACTION:

Final Action 05/27/83 48 FR 24008

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Neil Randall
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5904

TITLE:

Applicability of Technical Facility License Conditions and Specifications in an Emergency

CFR CITATION:

10 CFR 50

ABSTRACT:

The final rule adds a specific provision to the Commission's regulations to clarify that licensee technical specifications are not intended to restrict or prohibit the licensee from undertaking any action necessary to protect public health and safety during the course of unanticipated emergency conditions. Technical specifications contain a wide range of operating limitations and specifications concerning actions required to respond to certain systems failures and to other specified operating events. Technical specifications also require the employment of a wide range of operating procedures to be taken in the course of operation to maintain facility safety. The rule clarifies the responsibility of licensees to take actions necessary to protect public health and safety during emergencies even though the action necessary may not be in full accord with certain provisions of the technical specifications. The staff believes that in emergency situations it is very important to assure that licensees have the ability to respond promptly using their best engineering judgment. The impact of this reporting requirement on licensees would be negligible.

TIMETABLE:

NPRM 08/18/82 47 FR 35996
NPRM Comment Period Begin 08/18/82 47 FR 35996
NPRM Comment Period End 10/18/82
Final Action 04/01/83 48 FR 13966
Final Action Effective 06/01/83

COMPLETED ACTION:

Final Action 04/01/83 48 FR 13966

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 2233;
42 USC 2239; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Charles M. Trammell
Office of Nuclear Reactor Regulation
Washington, DC 20555
301 492-7389

TITLE:

Standards for Determining Whether License Amendments
Involve No Significant Hazards Consideration

CFR CITATION:

10 CFR 50

ABSTRACT:

The final rule would implement recently enacted legislation by specifying standards for determining whether amendments to operating licenses involve no significant hazards consideration. The Commission has incorporated provisions into the final rule which are substantially identical to those in the proposed rule published in the Federal Register March 28, 1980 (45 FR 20491). Final rule to follow Congressional action on conference committee report on NRC FY-82/83 Authorization Bills (S. 1207 and H.R. 4255) October 1982.

TIMETABLE:

Interim Final Rule 04/06/83 48 FR 14864
Interim Rule Comment Period begins 04/06/83 48 FR 14864
Interim Final Rule 04/06/83 48 FR 14864
Interim Rule Comment Period ends 05/06/83
Final Action 07/00/83

COMPLETED ACTION:

Interim Final Rule 04/06/83 48 FR 14864

LEGAL AUTHORITY:

42 USC 2201; PL 97-415

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Thomas F. Dorian
Office of the Executive Legal Director
Washington, DC 20555
301 492-8690

TITLE:

Laboratory Accreditation Program

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule requires that certain equipment qualification testing be performed in laboratories that have been accredited in accordance with procedures administered by the Institute of Electrical and Electronics Engineers (IEEE). The proposed rule would uniformly and equitably improve the reliability and accuracy of qualification testing performed by accredited laboratories and provide greater assurance of protecting the public health and safety.

TIMETABLE:

Withdrawn 04/13/83

COMPLETED ACTION:

Withdrawn 04/13/83

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Frederick Forscher
Office of Inspection and Enforcement
Washington, DC 20555
301 492-4515

TITLE:

Changes in Physical Security Plans; Licensees Possessing or Using Special Nuclear Material of Moderate and Low Strategic Significance

CFR CITATION:

10 CFR 70

ABSTRACT:

The final rule amends the regulations for domestic licensing of special nuclear material to allow licensees possessing or using special nuclear material of moderate and low strategic significance to change their physical security plans without prior approval of the Commission, provided the changes do not decrease the effectiveness of the plan. These licensees were inadvertently omitted from the regulation published on July 24, 1979 (44 FR 43280). The final rule corrects the oversight.

TIMETABLE:

Final Action 05/17/83 48 FR 22131
Final Action Effective 06/16/83

COMPLETED ACTION:

Final Action 05/17/83 48 FR 22131

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Andrea R. Kuffner
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5976

(B) - PROPOSED RULES

B

TITLE:

Procedures Involving the Equal Access to Justice Act:
Implementation

CFR CITATION:

10 CFR 1; 10 CFR 2

ABSTRACT:

The proposed rule provides new provisions intended to implement the Equal Access to Justice Act (EAJA). The provisions would provide for the payment of fees and expenses to certain eligible individuals and businesses that prevail in adjudications with the agency when the agency's position is determined not to have been substantially justified. The basis for these proposed regulations is a set of model rules issued by the Administrative Conference of the United States (ACUS) that have been modified to conform to NRC's established rules of practice. The proposed rule would further the EAJA's intent by insuring the development of government-wide "uniform" agency regulations and by providing NRC procedures and requirements for the filing and disposition of EAJA applications. A final draft rule was sent to the Commission in June 1982, but Commission action has been suspended pending a decision by the Comptroller General on the availability of funds to pay awards to intervenor parties.

TIMETABLE:

NPRM 10/28/81 46 FR 53189
NPRM Comment Period Begin 10/28/81 46 FR 53189
NPRM Comment Period End 11/28/81
Next Action Undetermined

LEGAL AUTHORITY:

5 USC 504

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Paul Bollwerk
Office of the General Counsel
Washington, DC 20555
202 634-3224

TITLE:

Modifications to the NRC Hearing Process (Limited
Interrogatories and Factual Basis for Contentions)

CFR CITATION:

10 CFR 2

ABSTRACT:

The proposed rule would expedite conduct of NRC adjudicatory proceedings by requiring intervenors in formal NRC hearings to set forth the facts on which contentions are based and the sources or documents used to establish those facts and limit the number of interrogatories that a party may file in an NRC proceeding. The proposed rule would expedite the hearing process by, among other things, requiring intervenors to set forth at the outset the facts upon which their contention is based and the supporting documentation to give other parties early notice of intervenor's case so as to afford opportunity for early dismissal of contentions where there is no factual dispute. The content of this rule is being considered as part of the regulatory reform rulemaking package.

TIMETABLE:

NPRM 06/08/81 46 FR 30349
Regulatory Reform Rule 12/00/83

LEGAL AUTHORITY:

42 USC 2239

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Trip Rothschild
Office of the General Counsel
Washington, DC 20555
202 634-1465

TITLE:

Commission Review Procedures for Power Reactor Construction
Permits; Immediate Effectiveness Rule

CFR CITATION:

10 CFR 2

ABSTRACT:

The proposed rule would amend the immediate effectiveness rule with regard to rules of practice for granting a power reactor construction permit to conform to those for granting an operating license. It (1) would retain the requirement that the Commission conduct a limited review of an Atomic Safety and Licensing Board's decision to grant a construction permit pending completion of administrative appeals and (2) would delete the requirement that an Atomic Safety and Licensing Appeal Board conduct a similar review. The proposed rule would not affect the separate Appeal Board and Commission appellate reviews of the merits of Licensing Board decisions. It would reduce somewhat the time required for administrative review of construction permit decisions while retaining direct Commission oversight prior to permit issuance.

The comment period closed November 24, 1982. Nine comments were received. Half of the comments favored the proposed rule while half opposed it. This proposed rule does not preclude further action on five alternatives for amending the "Immediate Effectiveness" rule presented in an earlier notice on May 22, 1980 (45 FR 34279). The rule "Regulatory Reform of the Rules of Practice and Rules for Licensing of Production and Utilization Facilities" proposed by the Regulatory Reform Task Force will determine whether this proposed rule will become effective.

TIMETABLE:

NPRM 10/25/82 47 FR 47260
NPRM Comment Period Begin 10/25/82 47 FR 47260
NPRM Comment Period End 11/24/82
Regulatory Reform Rule 12/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Richard A. Parrish
Office of the General Counsel
Washington, DC 20555
202 634-3224

TITLE:

Authority to Issue Notices of Violation to Non-Licensees
and Delegation of Authority to Regional Administrators

CFR CITATION:

10 CFR 2

ABSTRACT:

The proposed rule would specifically authorize the issuance of a notice of violation to any person subject to the jurisdiction of the Commission, including non-licensees. The proposed rule would require non-licensees as well as licensees to comply with the Commission's regulations in sections 2.200 and 2.201. In addition, the amendment would clarify the authority of Regional Administrators or their designees to issue notices of violation under sections 2.200 and 2.201.

TIMETABLE:

NPRM 11/15/82 47 FR 51402
NPRM Comment Period Begin 11/15/82 47 FR 51402
NPRM Comment Period End 12/13/82
Final Action 06/30/83

LEGAL AUTHORITY:

42 USC 2077; 42 USC 2021; 42 USC 2201; 42 USC 4332; 42 USC 4334;
42 USC 4335; 42 USC 5841; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Richard Rosano
Office of Inspection and Enforcement
Washington, DC 20555
301 492-9583

TITLE:

Separation of Functions and Ex Parte Communications in
On-the-Record Adjudications

CFR CITATION:

10 CFR 2

ABSTRACT:

The proposed rule would amend the Commission's rules of practice regarding the separation of functions and ex-parte communications in on-the-record adjudications. The proposed rule contains two options. Each option would allow the Commission greater flexibility in communicating with its staff by relaxing the restrictions on Commission-staff communications in initial licensing cases. The first option would eliminate restrictions on supervisory personnel while the second function would remove all restrictions in initial licensing matters. The proposed rule is intended to provide the Commission with better access to the expertise of its staff. This proposed rule would supersede a prior proposed rule entitled "Ex Parte Communications and Separation of Adjudicatory and Non-Adjudicatory Functions" published in the Federal Register on March 7, 1979 (44 FR 12428).

TIMETABLE:

Previous Proposed Rule 03/07/79 44 FR 12428
NPRM 07/00/83

LEGAL AUTHORITY:

5 USC 554; 5 USC 557

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

James R. Tourtellotte
Regulatory Reform Task Force
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
202 634-3300

TITLE:

Environmental Protection Regulations for Domestic Licensing
and Related Regulatory Functions

CFR CITATION:

10 CFR 2; 10 CFR 30; 10 CFR 40; 10 CFR 50; 10 CFR 51; 10 CFR 70;
10 CFR 110

ABSTRACT:

Consistent with NRC's domestic licensing and regulatory authority, the proposed rule would revise the Commission's environmental protection regulations to implement all of the procedural provisions of section 102(2) of the National Environmental Policy Act (NEPA). This would broaden the scope of the environmental regulations, which deal mainly with environmental impact statements, to encompass the entire NEPA process from early planning through decisionmaking. The proposed rule would bring, to the extent possible, NRC's environmental review requirements into conformance with the Environmental Quality Council's procedural regulations, ensure that environmental factors are considered as part of the NRC decisionmaking process, and make environmental information available to the public.

TIMETABLE:

NPRM 03/03/80 45 FR 13739
NPRM Comment Period Begin 03/03/80 45 FR 13739
NPRM Comment Period End 05/02/80
Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2021; 42 USC 2201; 42 USC 4332; 42 USC 4334; 42 USC 4335

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Jane R. Mapes
Office of the Executive Legal Director
Washington, DC 20555
301 492-8695

TITLE:

Possible Amendments to "Immediate Effectiveness" Rules

CFR CITATION:

10 CFR 2; 10 CFR 50

ABSTRACT:

The proposed rule indicates that the Commission is considering five alternative amendments to the "immediate effectiveness" rule for construction permit proceedings. Under the original "immediate effectiveness" rule (36 FR 828, January 19, 1971) construction of a nuclear power plant could begin on the basis of an initial decision by the Atomic Safety and Licensing Board (ASLB) even though that decision was subject to further review by the Commission. The Commission is concerned that the rule often prevented it from reviewing a case until construction was well underway and that this might have (1) allowed commitment of large sums of money to altering sites before a final decision was made on site-related issues and (2) promoted piecemeal review rather than promoting early resolution of all licensing issues to be considered. Present rules provide for limited review of ASLB decisions by the Atomic Safety and Licensing Appeal Board (ASLAB) and the Commission prior to issuance of construction permits. This proposed rule would help to determine whether NRC should return to the former "immediate effectiveness" rule or adopt one of the following alternatives:

(1) require the ASLAB to make a separate ruling on the question of effectiveness, or (2) require final ASLAB and Commission decisions on the merits of certain construction-related issues prior to authorizing issuances of the construction permit; require final ASLAB and Commission decisions on the merits of all issues prior to authorizing issuances of the construction permit; and, return to the former "immediate effectiveness" rule, but relax the standards for obtaining a stay of the ASLAB decisions. The rule "Regulatory Reform of the Rules of Practice and Rules for Licensing of Production and Utilization Facilities" proposed by the Regulatory Reform Task Force will determine which of the alternatives proposed in this rule will become effective.

TIMETABLE:

NPRM 05/22/80 45 FR 34279
Regulatory Reform Rule 12/00/83
Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Richard A. Parrish
Office of the General Counsel
Washington, DC 20555
202 634-3224

TITLE:

Temporary Operating Licenses

CFR CITATION:

10 CFR 2; 10 CFR 50

ABSTRACT:

The proposed rule would implement pending legislation by permitting the Commission to issue a temporary operating license for a nuclear power plant authorizing fuel loading, low-power operation, and testing. This temporary operating license would be issued in advance of the conduct or completion of an on-the-record evidentiary hearing on contested issues relating to the final operating license. This rule would speed the licensing process by authorizing utilities that have applied for licenses to operate nuclear power plants to load fuel and conduct low-power operation and testing on the basis of previously submitted and approved safety and environmental evaluations. Before enactment of legislation, the Commission lacked the authority to authorize fuel loading and low-power operation and testing on the basis of safety and environmental evaluations; instead, this authorization was possible only after the hearing process was complete.

TIMETABLE:

NPRM 04/06/83 48 FR 14926

NPRM Comment Period Begin 04/06/83 48 FR 14926

NPRM Comment Period End 05/06/83

Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2201; PL 97-415

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Thomas F. Dorian

Office of the Executive Legal Director

Washington, DC 20555

301 492-8690

TITLE:

Licensing and Regulatory Policy and Procedures for
Environmental Protection; Alternative Site Reviews

CFR CITATION:

10 CFR 2; 10 CFR 50; 10 CFR 51

ABSTRACT:

The proposed rule would provide procedures and performance criteria for reviewing alternative sites for nuclear power plants under the National Environmental Policy Act of 1969 (NEPA). The proposal is intended to stabilize alternative site reviews of a license application by codification of the lessons learned in past and recent reviews of nuclear power plant sites into an environmentally sensitive rule. The proposed rule would focus on six major issues associated with alternative site selection: (1) information requirements, (2) timing, (3) region of interest, (4) selection of candidate sites, (5) comparison of the proposed site with alternative sites, and (6) reopening of the alternative site decision. The proposed rule would develop understandable written NRC review and decision-making criteria that provide necessary protection of important environmental qualities while reasonably restricting the consideration of alternatives to permit a rational and timely decision concerning the sufficiency of the alternative site analysis. After considering the comments on the proposed rule, the Commission published a final rule on May 28, 1981 (46 FR 28630).

That final rule addressed the sixth issue, reopening the alternative site question after a favorable decision at construction permit or early site review stages insofar as it relates to operating license proceedings. The staff is addressing the other issues in the development of this rule.

TIMETABLE:

NPRM 04/09/80 45 FR 24168
NPRM Comment Period Begin 04/09/80 45 FR 24168
NPRM Comment Period End 06/09/80
Final Action 08/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 4332; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Paul Hayes
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4318

TITLE:

Hearing on Denial of Reactor Operator License

CFR CITATION:

10 CFR 2; 10 CFR 55

ABSTRACT:

This proposed rule is intended to eliminate an operator license applicant's right to request a hearing based on a failed written or operating test, but to permit the applicant the right to request a reevaluation of the failed test. The proposed rule would retain the applicant's right to request a hearing on a license denial for reasons other than a failed test. The proposed amendments should save time and resources for both the applicant and the staff.

TIMETABLE:

NPRM 11/24/82 47 FR 53028
NPRM Comment Period Begin 11/24/82 47 FR 53028
NPRM Comment Period End 12/27/82
Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2137; 42 USC 2201; 42 USC 2231; 42 USC 2241; 42 USC 5841;
42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

William M. Shields
Office of the Executive Legal Director
Washington, DC 20555
301 492-8693

TITLE:

Nondiscrimination on Basis of Age in Federally Assisted
Commission Programs

CFR CITATION:

10 CFR 4

ABSTRACT:

The proposed rule would implement the provisions of the Age Discrimination Act of 1975, as amended. The proposed amendment makes it unlawful for any recipient of Federal financial assistance to discriminate on the basis of age in programs or activities receiving Federal financial assistance from the NRC. The Act also contains certain exceptions that permit, under limited circumstances, continued use of age distinctions or factors other than age that may have a disproportionate effect on the basis of age. The Act applies to persons of all ages. The proposed rule is necessary to comply with the Age Discrimination Act of 1975, which directs that all Federal agencies empowered to provide Federal financial assistance issue rules, regulations, and directives consistent with standards and procedures established by the Secretary of Health and Human Services (HHS). NRC's proposed and final regulations have been modeled after those HHS guidelines as published in 45 CFR 90. On November 23, 1981, a copy of the draft final regulations was transmitted to the Office of the General Counsel of the Civil Rights Division, HHS, for review to comply with the requirement that final agency regulations not be published until the Secretary of HHS approved them. Next action cannot be scheduled until the regulation is approved by the Secretary of HHS, as required by law.

TIMETABLE:

NPRM 09/21/81 46 FR 46582
Next Action Undetermined

LEGAL AUTHORITY:

42 USC 6101

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Hudson B. Ragan
Office of Executive Legal Director
Washington, DC 20555
301 492-8252

TITLE:

Lower Radiation Exposure Levels for Fertile Women

CFR CITATION:

10 CFR 19; 10 CFR 20

ABSTRACT:

The proposed rule would incorporate the intent of the recommendation of the National Council on Radiation Protection and Measurements (NCRP) in Report No. 39 that the radiation exposure to an embryo or fetus be minimized. It would help provide assurance that radiation exposures of fertile women and fetuses will be kept well within the numerical dose limits recommended by the NCRP without undue restriction on activities involving radiation and radioactive material. The proposed rule would amend NRC regulations to require licensees to instruct workers regarding health protection problems associated with exposure to radiation and radioactive materials by providing information about biological risks to embryos and fetuses. The proposed rule would also contain a Commission statement that licensees should make particular efforts to keep the radiation exposure of an embryo or fetus to the very lowest practicable level during the entire gestation period as recommended by the NCRP. The content of this rule will be incorporated into the comprehensive revision of Part 20 to be issued as a proposed rule in November 1983.

TIMETABLE:

Previous NPRM 01/03/75 40 FR 799
NPRM 11/00/83

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Walter Cool
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4579

TITLE:

Changes in Radiation Dose-Limiting Standards

CFR CITATION:

10 CFR 19; 10 CFR 20

ABSTRACT:

The proposed rule was published because of the desire of the Commission to reduce the risks of occupational radiation doses in Commission-licensed activities, the Commission's continuing systematic assessment of exposure patterns, and new recommendations of the International Commission on Radiological Protection for controlling radiation dose. In preparing the proposed rule, the Commission has also taken into account recently published interpretations of epidemiological data and associated recommendations for lower dose standards as well as petitions for rulemaking to lower dose standards, PRM-20-6 and PRM-20-6A. The proposed rule would eliminate the accumulated dose averaging formula and the associated Form NRC-4, Exposure History, and impose annual dose-limiting standards while retaining quarterly standards. In addition to the imposition of annual dose-limiting standards, the proposed rule contains provisions that would express, in terms of new annual standards, the standard for dose to minors, the requirement for control of total dose to all workers, including transient and moonlighting workers.

The changes contained in the proposed rule are intended to benefit workers by increasing radiation protection for them and to encourage some NRC licensees to take further action to reduce occupational radiation doses. The content of this rule will be incorporated into the comprehensive revision of Part 20 to be issued as a proposed rule in November 1983.

TIMETABLE:

Previous NPRM 02/20/79 44 FR 10388
NPRM 11/00/83

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Walter S. Cool
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4579

TITLE:

Authority for the Copying of Records and Retention Periods
for Security Records

CFR CITATION:

10 CFR 19; 10 CFR 21; 10 CFR 30; 10 CFR 40; 10 CFR 50;
10 CFR 70; 10 CFR 71; 10 CFR 73; 10 CFR 110

ABSTRACT:

The proposed rule would define more clearly the authority of an NRC inspector to copy and take away a licensee record that is needed for inspection and enforcement activities. It also would specify the period that a licensee physical security record must be maintained and codify guidelines for record retention periods.

TIMETABLE:

NPRM 11/22/82 47 FR 52452
NPRM Comment Period Begin 11/22/82 47 FR 52452
NPRM Comment Period End 01/21/83
Final Action 11/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2207

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Andrea K. Barnold
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5976

TITLE:

Reports of Theft or Loss of Licensed Material

CFR CITATION:

10 CFR 20

ABSTRACT:

The proposed rule would remove a discretionary clause that requires each NRC licensee to report a loss or theft of licensed material only when it appears to the licensee that the loss or theft would pose a substantial hazard to persons in an unrestricted area. The proposed rule would provide increased radiological safety to the public by requiring that all losses or thefts of licensed material be reported to the NRC if the loss exceeds the minimum quantity specified in the regulations.

TIMETABLE:

NPRM 05/09/83 48 FR 70721
NPRM Comment Period Begin 05/09/83
NPRM Comment Period End 06/23/83

LEGAL AUTHORITY:

42 USC 2073

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Donald Nellis
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

Residual Contamination in Smelted Alloys

CFR CITATION:

10 CFR 30; 10 CFR 32; 10 CFR 70; 10 CFR 150

ABSTRACT:

The proposed rule would exempt from licensing and regulatory requirements technetium-99 and low-enriched uranium as residual contamination in any smelted alloy. The proposed rule would remove the Commission's present specific licensing requirement that has the effect of inhibiting trade in and recycling of metal scrap contaminated with small amounts of these radioactive materials. This requirement also prevents recycling by the secondary metals industry of smelted alloys containing these two radioactive materials. The NRC issued the proposed rule in response to a Department of Energy request.

TIMETABLE:

NPRM 10/27/80 45 FR 70874
NPRM Comment Period Begin 10/27/80 45 FR 70874
NPRM Comment Period End 12/11/80
Final Action 12/00/83

LEGAL AUTHORITY:

42 USC 2021; 42 USC 2073; 42 USC 2077; 42 USC 2111; 42 USC 2201;
42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

H. J. Bicehouse
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

Clarified Requirements for Terminating a License

CFR CITATION:

10 CFR 30; 10 CFR 40; 10 CFR 70

ABSTRACT:

The proposed regulation would clarify a licensee's authority and responsibility for nuclear materials and specify procedures that would allow for orderly license termination. Current regulations are not specific concerning licensee responsibility for nuclear materials following the expiration date of the license. A licensee could dispose of nuclear materials, notify the Commission of its intent to discontinue operations, and vacate the premises before the NRC staff could verify residual radioactive contamination levels. This situation has the potential for adverse public health and safety effects. The proposed rule is necessary to protect public health and safety by establishing clear procedures for the termination of a license. The procedures would ensure that licensed materials are properly disposed of and facilities and sites are properly decontaminated before a licensee's responsibility is terminated.

TIMETABLE:

NPRM 10/26/82 47 FR 47400
NPRM Comment Period Begin 10/26/82 47 FR 47400
NPRM Comment Period End 12/27/82
Final Action 09/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2092; 42 USC 2093; 42 USC 2111; 42 USC 2112;
42 USC 2113; 42 USC 2201; 42 USC 2232; 42 USC 2233; 42 USC 2236;
42 USC 2282; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

William R. Pearson
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5910

TITLE:

Irretrievable Well-Logging Sources

CFR CITATION:

10 CFR 30; 10 CFR 70; 10 CFR 150

ABSTRACT:

The proposed rule would establish requirements a licensee must follow in the event a well-logging source (a measurement /detection device which contains sealed radioactive source material) becomes disconnected from the wireline which suspends the source in the well and for which all reasonable efforts at recovery, as determined by the Commission, have been expended. The proposed rule would codify the requirements that were previously imposed on individual licensees as a license condition. The proposed rule would give reasonable assurance that there is no damage to the source through subsequent drilling operations which might result in dispersal of the radioactive material to the biosphere.

TIMETABLE:

NPRM 09/28/78 43 FR 44547
Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2111; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: N/A**AGENCY CONTACT:**

Henry J. Bicehouse
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

Patient Dosage Measurement

CFR CITATION:

10 CFR 35

ABSTRACT:

The proposed rule would require specific category medical licensees to (1) measure the total activity of each radiopharmaceutical dosage, except those containing a pure beta-emitting radionuclide, before it is administered to a patient; (2) measure doses with activity less than ten microcuries to verify that activity did not exceed ten microcuries; and (3) keep a record of each measurement. Currently, each of NRC's approximately 2000 specific medical licensees are individually required by a license condition to measure the activity of radiopharmaceutical dosages before administering them to patients. The proposed rule would simplify licensing by replacing a condition that appears in all specific medical licenses with one regulation and enhance patient radiation safety by minimizing potential misadministrations caused by not measuring the patient dosage.

TIMETABLE:

NPRM 09/01/81 46 FR 43840
NPRM Comment Period Begin 09/01/81 46 FR 43840
NPRM Comment Period End 11/30/81
Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Deborah Bozik
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4566

TITLE:

+ Group Licensing for Certain Medical Uses

CFR CITATION:

10 CFR 35

ABSTRACT:

The proposed rule would add a device containing iodine-125 as a sealed source to the list of groups of authorized radioactive drugs, sources, and devices. This hand-held device is used for real-time bone imaging and foreign body detection. The Commission has performed a safety analysis and will consult with the Advisory Committee on the Medical Uses of Isotopes before adding this device to the Group VI listing in its regulations that contains similar sealed source devices. This action would allow NRC Group VI medical licensees to use this device without applying for a license amendment.

TIMETABLE:

NPRM 03/30/83 48 FR 13189

NPRM Comment Period Begin 03/30/83 48 FR 13189

NPRM Comment Period End 04/29/83

Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: N/A

AGENCY CONTACT:

Deborah A. Bozik
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4566

TITLE:

General Design Criteria for Fuel Reprocessing Plants

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would establish general criteria for designing fuel reprocessing plants in order to provide reasonable assurance that fuel reprocessing plants can be operated without undue risk to the health and safety of the public. The general criteria contains the minimum requirements that an applicant must use in the selection of principal design criteria for a fuel reprocessing plant. The principal criteria would establish design, fabrication, construction, testing, and performance requirements for structures, systems, and components important to the safety of the facility. This proposed rule has been indefinitely deferred until needed for NRC's regulation of a reprocessing facility.

TIMETABLE:

NPRM 07/18/74 39 FR 26293
Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 2233

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Charles W. Nilsen
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5910

TITLE:

+ Uranium Mill Tailings Regulations: Proposed Suspension of Certain Provisions

CFR CITATION:

10 CFR 40

ABSTRACT:

The Commission is required by sec. 18(a) of Pub. L. 97-415 to propose the suspension of selected portions of its regulations dealing with the disposal of uranium mill tailings. The provisions for which suspension is proposed are those which would be affected by recently published Environmental Protection Agency (EPA) standards for the protection of the environment from these wastes. The result of this suspension will be to place in abeyance certain Commission regulations that could have a significant cost impact on its licensees if the regulations were implemented before the Commission makes the anticipated rule changes necessary to conform Commission regulations to the EPA standards when the EPA standards are finalized.

TIMETABLE:

NPRM 05/26/83 48 FR 23649
NPRM Comment Period Begin 05/26/83 48 FR 23649
Proposed Suspension 05/26/83 48 FR 23649
NPRM Comment Period End 06/27/83

LEGAL AUTHORITY:

PL 97-415

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: N/A

AGENCY CONTACT:

Kitty Dragonette
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4160

TITLE:

Anticipated Transients Without Scram (ATWS)

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule presents two of three alternative regulatory programs designed to reduce the risk posed by accidents involving anticipated transients without scram (ATWS) events under consideration by the Commission. The third alternative is set out in a petition for rulemaking filed by twenty utilities (Electric Utilities Petition, PRM-50-29, published November 4, 1980; 45 FR 73080, and a supplement to the petition published February 3, 1981; 46 FR 10501). An ATWS event occurs when a nuclear reactor's shut down ("scram") system fails to function following a fault (transient event) in the reactor's normal heat dissipation function. A possible outcome of some ATWS accident sequences is the development of a mismatch between the power generated in the reactor and the controlled dissipation of that power. This power mismatch can threaten the integrity of the barriers that confine the fission products. A core meltdown accident, in some cases accompanied by a failure of containment and a very large release of radioactivity, is a possible outcome of some ATWS accident scenarios.

Thus, the Commission has determined that the consequences of some postulated ATWS accidents are unacceptable and has developed this proposed rule to address this important safety issue through rulemaking. The Commission believes that the likelihood of severe consequences arising from an ATWS event during the two to four year period required to implement a rule is acceptably small. The implementation schedule contained in the proposed rule balances the need for careful analysis and plant modifications with the desire to carry out the objectives of the rule as soon as possible. The NRC staff, in response to comments received on the proposed rule, has scheduled the preparation of a revised proposed rule to obtain additional input from the public on the ATWS issue prior to development of a final rule.

TIMETABLE:

NPRM 11/24/81 46 FR 57521
NPRM Comment Period Begin 11/24/81 46 FR 57521
NPRM Comment Period End 04/23/82
Revised Proposed Rule 08/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 2233;
42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

TITLE:

Anticipated Transients Without Scram (ATWS)

AGENCY CONTACT:

David Pyatt
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5960

TITLE:

Immediate Notification Requirement for Operating Nuclear Reactors

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would require that every operating license for a nuclear power reactor contain a condition that would require the licensee to notify the Commission as soon as possible, and in all cases within one hour, of any significant event; that is, an event that could pose a threat to public health and safety. The current regulations require licensees to notify NRC of certain "significant events." The proposed rule would clarify the list of reportable significant events contained in the regulations. The proposed rule also responds to the intent of Congress, expressed in Section 201 of the Nuclear Regulatory Commission Authorization Act for Fiscal Year 1980 (PL 96-295), that the Commission establish specific guidelines for identifying accidents which could result in an unplanned release of radioactivity in excess of allowable limits and require immediate notification of these incidents. On August 19, 1980 (45 FR 55402), NRC published a final rule on emergency planning that required, among other things, procedures for immediate notification of NRC, state, and local emergency response personnel in certain situations.

TIMETABLE:

NPRM 12/21/81 46 FR 61894
NPRM Comment Period Begin 12/21/81 46 FR 61894
NPRM Comment Period End 02/19/82
Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 2233;
42 USC 2239; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Eric W. Weiss
Office of Inspection and Enforcement
Washington, DC 20555
301 492-4973

TITLE:

Interim Requirements Related to Hydrogen Control

CFR CITATION:

10 CFR 50

ABSTRACT:

The final rule requires improved Hydrogen control systems for boiling water reactors (BWRs) with Mark III type containments and for pressurized water reactors (PWRs), with ice condenser type containers, BWR's with Mark III type containments and PWR's with ice condenser type containments which don't rely on an inerted atmosphere for hydrogen control would be required to show that certain important safety systems must be able to function during and following hydrogen burning.

TIMETABLE:

NPRM 12/23/81 46 FR 62281
NPRM Comment Period Begin 02/25/82 47 FR 08203
NPRM Comment Period End 04/08/82
Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2152; 42 USC 2201; 42 USC 2232;
42 USC 2233; 42 USC 2234; 42 USC 2236; 42 USC 2239; 42 USC 2273;
42 USC 5841; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Morton R. Fleishman
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5981

TITLE:

Technical Specifications for Nuclear Power Reactors

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would amend current regulations pertaining to technical specifications for nuclear power reactors. Specifically, the proposed rule would (1) establish a standard for deciding which items derived from the safety analysis report must be incorporated into technical specifications, (2) modify the definitions of categories of technical specifications to focus more directly on reactor operations, (3) define a new category of requirements that would be of lesser immediate significance to safety than technical specifications, and (4) establish appropriate conditions that must be met by licensees to make changes to the requirements in the new category without prior NRC approval. The changes are needed because of disagreement among parties to proceedings as to what items should be included in technical specifications, and concern that the substantial growth in the volume of technical specifications may be diverting the attention of licensees from matters most important to the safe operation of the plant. The proposed rule would improve the safety of nuclear power plant operation by reducing the volume of technical specifications, place more emphasis on those specifications of high safety significance, and provide more efficient use of NRC and licensee resources. The NRC staff has estimated that each of the affected 21 licensees should utilize the proposed method for changing supplemental specifications approximately twice a year. The total additional yearly burden to resubmit a revoked change for all 21 affected licensees would be approximately 101 manhours.

TIMETABLE:

ANPRM 07/08/80 45 FR 45916
ANPRM Comment Period Begin 07/08/80 45 FR 45916
ANPRM Comment Period End 09/08/80
NPRM 03/30/82 47 FR 13369
NPRM Comment Period Begin 03/30/82 47 FR 13369
NPRM Comment Period End 06/01/82
Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Cecil O. Thomas
Office of Nuclear Reactor Regulation
Washington, DC 20555
301 492-7130

TITLE:

Codes and Standards for Nuclear Power Plants

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would reference additional provisions of the ASME Boiler and Pressure Vessel Code, including sections that provide rules for the construction of certain safety systems, and it would clarify existing regulations by removing obsolete provisions. The ASME Code sections proposed for incorporation by reference include the requirements for Class 2 Components, which are found in Subsections NC and NCA of the Code, and the requirements for Class 3 Components, which are found in Subsections ND and NCA of the Code. Experience has shown that these additional parts of Section III of the ASME Boiler and Pressure Vessel Code are adequate for use on a general basis. The proposed rule would establish enforceable requirements to replace previous guidance criteria and ensure the proper application of referenced ASME Codes to eliminate any possible misunderstandings concerning NRC requirements to be addressed in an application for a license for a nuclear power plant.

TIMETABLE:

NPRM 04/13/82 47 FR 15801

NPRM Comment Period Begin 04/13/82 47 FR 15801

NPRM Comment Period End 06/14/82

Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Alfred Taboada
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5903

TITLE:

Licensee Event Report System

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule requested public comment on a proposal to revise and codify the existing Licensee Event Report (LER) system. The LER system is an NRC-operated reporting system in which nuclear power plant licensees provide data concerning operational events. The Commission considered the alternative of including the voluntary industry Nuclear Plant Reliability Data System (NPRDS) in the proposed rulemaking. However, the Commission rejected this alternative when the Institute of Nuclear Power Operations (INPO) announced that they would assume responsibility for technical direction of NPRDS and would work to bring about the necessary improvements. After considering the alternative of continuing the existing LER system, the Commission concluded that the revised LER system would provide better quality reports on the more significant operational events. In addition, by relying on the voluntary NPRDS for the reporting of less significant events, the burden on the licensees associated with LER reporting would be reduced from an estimated existing level of approximately \$56,000 per plant per year to an estimated \$42,400 per plant per year.

TIMETABLE:

Previous ANPRM 01/30/80 44 FR 6793
Previous ANPRM 01/15/81 45 FR 3541
ANPRM 10/06/81 46 FR 49134
ANPRM Comment Period Begin 10/06/81 46 FR 49134
ANPRM Comment Period End 11/17/81
NPRM 05/06/82 47 FR 19543
NPRM Comment Period Begin 05/06/82 47 FR 19534
NPRM Comment Period End 07/06/82
Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Frederick Hebdon
Office of Analysis and Evaluation of
Operational Data
Washington, DC 20555
301 492-4480

TITLE:

Fitness for Duty of Personnel with Unescorted Access to
Vital or Protected Areas of Nuclear Power Plants

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would require licensees to establish and implement controls to provide reasonable assurance that all persons with unescorted access to protected areas are fit for duty. The Commission initiated the rule in response to concern by members of the public that nuclear power plant personnel, like airline pilots, should not be permitted to perform activities that could impair the public health and safety while unfit for duty as a result of actions such as the consumption of alcoholic beverages. The result of the proposed rule would be the further protection of the public health and safety by requiring personnel with unescorted access to protected areas to be fit for duty.

TIMETABLE:

NPRM 08/05/82 47 FR 33980
NPRM Comment Period Begin 08/05/82 47 FR 33980
NPRM Comment Period End 10/04/82
Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2236; 42 USC 2237

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Thomas Ryan
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5942

TITLE:

Shift Staffing at Nuclear Power Plants

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would provide minimum shift staffing requirements for licensed operators at nuclear power plants. Shift staffing requirements would be based upon a powerplant's configuration (e.g., powerplant may have two units and one control room, or three units and two control rooms) and the status of each unit (i.e. operating or cold shutdown). The proposed rule, in accordance with the requirement in Task I.A.1.4. of the TMI Action Plan would upgrade shift staffing requirements at nuclear power plants to ensure that a sufficient number of licensed personnel are on duty at any given time. Although half of the licensees have met the proposed staffing levels, there is a need to grant extension of the implementation date to some licensees based on the time required to train individuals to become senior reactor operators. A Policy statement on engineering expertise on shift has been drafted and forwarded to the Commission for eventual publication for public comment.

TIMETABLE:

NPRM 08/30/82 47 FR 38135

NPRM Comment Period Begin 08/30/82 47 FR 38135

NPRM Comment Period End 09/27/82

Commission approved final rule 04/21/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Clare Goodman

Office of Nuclear Reactor Regulation

Washington, DC 20555

301 492-8901

TITLE:

Safeguards Requirements for Nonpower Reactor Facilities
Possessing Formula Quantities of Strategic Special Nuclear
Material

CFR CITATION:

10 CFR 50; 10 CFR 70; 10 CFR 73

ABSTRACT:

The revised proposed rule would establish permanent physical security requirements for nonpower reactor licensees who possess a formula quantity (five formula kilograms or more) of strategic special nuclear material (SSNM), primarily uranium-235 contained in high-enriched uranium (HEU). These regulations would require a nonpower reactor licensee, who possesses a nonexempt formula quantity of SSNM, to provide protection against insiders and to arrange for a response by local law enforcement or other agencies in time to prevent a theft of a formula quantity. The staff is proposing a performance oriented regulatory approach which would give affected licensees flexibility in designing cost-effective measures for implementing the requirements of the final rule by allowing licensees to take advantage of existing facility design features. The proposed amendments would replace the currently effective interim requirements in 10 CFR 73.60.

TIMETABLE:

Interim Final Rule 11/28/79 44 FR 68199
Previous NPRM 09/18/81 46 FR 46333
NPRM 09/00/83

LEGAL AUTHORITY:

42 USC 2071; 42 USC 2073; 42 USC 2133; 42 USC 2134; 42 USC 2152;
42 USC 2201; 42 USC 2232; 42 USC 2233; 42 USC 2236; 42 USC 2239;
42 USC 2273; 42 USC 5841; 42 USC 5842; 42 USC 5846;

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Carl J. Withee
Office of Nuclear Materials Safety and
Safeguards
Washington, DC 20555
301 427-4040

TITLE:

Codes and Standards for Nuclear Power Plants (Summer 1982)

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would incorporate by reference the Summer 1982 addenda of the ASME Boiler and Pressure Vessel Code. The ASME (American Society of Mechanical Engineers) code sets standards for the construction of nuclear power plant components. The ASME code requirements for nuclear power plants are set forth in Section III for construction permit holders. The proposed rule would include the most recent changes made to the ASME Boiler and Pressure Vessel Code and permit the use of improved methods for construction of nuclear power plants.

TIMETABLE:

NPRM 12/22/82 47 FR 57054
NPRM Comment Period Begin 12/22/82 47 FR 57054
NPRM Comment Period End 02/22/83
Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Nancy Miegel
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5892

TITLE:

Requirements for Licensee Action Regarding the Disposition of Spent Fuel Upon Expiration of the Reactors' Operating License

CFR CITATION:

10 CFR 50; 10 CFR 51

ABSTRACT:

The proposed rule would provide procedures to be followed by nuclear reactor operating licensees to ensure the continued safe management of spent fuel beyond the expiration date of the reactor operating license. The proposed rule also addresses the environmental aspects of extended spent fuel storage past the expiration date of reactor operating licenses or license for storage in an independent spent fuel storage installation. The proposed rule would require licensees to submit plans for NRC review and approval 5 years before their operating licenses expire on specifically how spent fuel at these sites will be managed.

TIMETABLE:

ANPRM 10/25/79 44 FR 61372
NPRM 05/20/83 48 FR 22370
NPRM Comment Period Begin 05/20/83 48 FR 22370
NPRM Comment Period End 07/05/83
Final Action 10/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841; 42 USC 5842; 42 USC 4332; 42 USC 4334;
42 USC 4335

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Dennis Rathbun or Clyde Jupiter
Office of Policy Evaluation
Washington, DC 20555
301 634-3295

TITLE:

Explanation to Table S-3 Uranium Fuel Cycle Environmental Data

CFR CITATION:

10 CFR 51

ABSTRACT:

The proposed rule provides a narrative explanation of the numerical values established in Table S-3, "Table of Uranium Fuel Cycle Environmental Data," that appears in the Commission's environmental protection regulations. The proposed rule describes the basis for the values contained in Table S-3, the significance of the uranium fuel cycle data in the table, and the conditions governing the use of the table. The narrative explanation also addresses important fuel cycle impacts (e.g., environmental dose commitments, health effects, socioeconomic impacts) and the cumulative impacts so that it may be possible to handle these impacts generally rather than repeatedly in individual licensing proceedings. A U.S. Court of Appeals (D.C. Circuit) decision on April 27, 1982, invalidated the entire Table S-3 rule. This decision was appealed to the Supreme Court, with oral arguments presented on April 19, 1983, and is now awaiting their decision, meanwhile, the proposed rule to provide a narrative explanation for Table S-3 is being held in abeyance.

TIMETABLE:

NPRM 03/04/81 46 FR 15154
NPRM Comment Period Begin 03/04/81 46 FR 15154
NPRM Comment Period End 05/04/81
Court invalidates Table Rule 04/27/82
Petition for Rehearing Denied 06/30/82
Appeal to Supreme Court filed 09/27/82
Oral argument before Supreme Court 04/19/83
Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2011; 42 USC 4321

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Glenn A. Terry
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4211

TITLE:

Disposal of High-Level Radioactive Wastes in Geologic
Repositories

CFR CITATION:

10 CFR 60

ABSTRACT:

The proposed rule would specify the technical criteria for the disposal of high-level radioactive waste (HLW) in geologic repositories. These proposed criteria address siting, design, and performance of a geologic repository, and the design and performance of the package which contains the waste within the geologic repository. The proposed rule also includes criteria for monitoring and testing programs, performance confirmation, quality assurance, and personnel training and certification. The proposed criteria are necessary for the NRC to fulfill its statutory obligations concerning the licensing and regulating of facilities used for the receipt and storage of high-level radioactive waste and to provide guidance to the Department of Energy and to the public as to the NRC's technical requirements for the disposal of high-level radioactive wastes in a geologic repository. The Commission approved the final rule on May 27, 1983.

TIMETABLE:

ANPRM 05/13/80 45 FR 31393
ANPRM Comment Period Begin 05/13/80 45 FR 31393
ANPRM Comment Period End 07/14/80
NPRM 07/08/81 46 FR 35280
NPRM Comment Period Begin 07/08/81 46 FR 35280
NPRM Comment Period End 11/05/81
Environmental Standards 12/29/82 47 FR 58196
Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2021; 42 USC 2071; 42 USC 2073; 42 USC 2092; 42 USC 2093;
42 USC 2095; 42 USC 2111; 42 USC 2201; 42 USC 2232; 42 USC 2233;
42 USC 4332; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Patricia A. Comella
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4616

TITLE:

+ Criteria and Procedures for Determining the Adequacy of Available Spent Nuclear Fuel Storage Capacity

CFR CITATION:

10 CFR 53

ABSTRACT:

The proposed rule would implement procedures and criteria that the NRC would use to determine whether a person owning and operating a civilian nuclear power plant would be able to store the spent nuclear fuel generated at the plant. This determination is necessary before the Secretary of the Department of Energy may enter into a contractual arrangement with the owner of the plant to provide interim Federal storage for limited amounts of spent fuel that the owner is unable to store. The proposed rule is necessary to meet NRC responsibilities under the Nuclear Waste Policy Act of 1982.

TIMETABLE:

NPRM 04/29/83 48 FR 19382

NPRM Comment Period Begin 04/29/83 48 FR 19382

NPRM Comment Period End 06/28/83

LEGAL AUTHORITY:

42 USC 2011; 42 USC 2092; 42 USC 2201; 42 USC 4332; 42 USC 5801;
42 USC 5841; 42 USC 5847; 42 USC 10152; 42 USC 10155

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

F. S. Cameron
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5997

TITLE:

Material Control and Accounting Requirements for Low
Enriched Uranium Fuel Cycle Facilities

CFR CITATION:

10 CFR 70

ABSTRACT:

The proposed rule would establish more cost-effective material control and accounting (MC&A) requirements for low enriched uranium (LEU). Under current regulations almost all substantive requirements apply uniformly to all licensees authorized to possess greater than one effective kilogram of special nuclear material, whether they have high enriched uranium (HEU), plutonium, or LEU. However, both NRC-sponsored and independent studies have concluded that safeguard risks associated with LEU are far less significant than risks associated with HEU. The proposed rule reduces the LEU MC&A requirements to a level commensurate with the material's low safeguards significance, while maintaining safeguards standards which meet those of the IAEA. The reduction in requirements is estimated to save the industry over \$3 million per year.

TIMETABLE:

NPRM 12/14/82 47 FR 55951
NPRM Comment Period Begin 12/14/82 47 FR 55951
NPRM Comment Period End 02/14/83
Final Action 09/00/84

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Carl J. Withee
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4040

TITLE:

Transportation of Radioactive Material - Compatibility with
IAEA Regulations

CFR CITATION:

10 CFR 71

ABSTRACT:

The proposed rule would revise the NRC's regulations for the transportation of radioactive material to make them more compatible with those of the International Atomic Energy Agency (IAEA) and thus with those of most major nuclear nations of the world. Although several substantive changes are proposed in order to provide a more uniform degree of safety for various types of shipments, the Commission's basic standards for radioactive material packaging would remain unchanged. The Department of Transportation (DOT) is also proposing a corresponding rule change to its Hazardous Materials Transport Regulations.

TIMETABLE:

NPRM 08/17/79 44 FR 48234

NPRM Comment Period Begin 10/22/79 44 FR 60743

NPRM Comment Period End 12/17/79

Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2093; 42 USC 2111; 42 USC 2232; 42 USC 2233;
42 USC 2273; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Donald R. Hopkins
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

Packaging of Radioactive Material for Transport and
Transportation of Radioactive Material Under Certain
Conditions

CFR CITATION:

10 CFR 71

ABSTRACT:

The proposed rule would require that shipments of plutonium by air be contained in a package specifically certified as air crash-resistant. The rule would permit the air shipment of plutonium in other packages if the plutonium is in a medical device for individual human use or if the plutonium is shipped in quantities or concentrations small enough to prevent significant hazard to the public health and safety, even if the plutonium were released in an air crash. This rule was developed in response to an amendment to the NRC Authorization Act for Fiscal Year 1976, PL 94-79, which was passed on August 9, 1975. This amendment, known as the "Scheuer Amendment," prohibited the air transport of plutonium, except in medical devices, until the NRC certified to the Congress that an air crash-resistant package has been developed. On August 4, 1978, the Commission certified to the Congress that a package certification program has been completed. The NRC has issued this proposed rule which would implement the mandate of Congress. All NRC licensees authorized to transfer plutonium are subject to the provisions of this proposed rule.

TIMETABLE:

NPRM 11/13/81 46 FR 55992
NPRM Comment Period Begin 11/13/81 46 FR 55992
NPRM Comment Period End 01/12/82
Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Donald R. Hopkins
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

Miscellaneous Amendments Concerning Physical Protection of
Nuclear Power Plants (Part of Insider Rule Package)

CFR CITATION:

10 CFR 73

ABSTRACT:

The proposed rule would require in Nuclear Power Plants (1) the designation of vital areas (to allow vital islands), (2) access controls to vital islands, (3) the protection of certain physical security equipment, (4) revised requirements for key and lock controls, and (5) revised searches of hand-carried items at protected area entry points. The requirements will clarify policy in these areas and reduce unnecessary burden on the industry while maintaining plant protection. This rule is a revision of the proposed rule entitled "Access Controls to Nuclear Power Plant Vital Areas." Initial development on the final rule produced significant changes, particularly the criteria for personnel access controls to vital areas, resulting in the need to publish a revised proposed rule. This proposed rule and the other components of the Insider Rule Package are being reviewed by the NRC Safety/Safeguards Review Committee which considered a number of alternative approaches to vital island configurations and provided recommendations that are reflected in the proposed rule. Costs for these improvements are estimated at \$850K per site.

TIMETABLE:

Previous NPRM 03/12/80 45 FR 15937
NPRM 07/00/83

LEGAL AUTHORITY:

42 USC 2101; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Tom R. Allen
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4010

TITLE:

Searches of Individuals at Power Reactor Facilities (Part
of Insider Rule Package)

CFR CITATION:

10 CFR 73

ABSTRACT:

The proposed rule would revise the search requirements for individuals entering the protected area of nuclear power plants. Under the proposed requirements, all persons would be subject to equipment searches for firearms, explosives and incendiary devices. Physical searches would be required only when search equipment is not working properly or when the licensee suspects that an individual is attempting to carry into the plant prohibited devices or material. Random searches were considered as an alternative, but were deemed to be possibly disruptive. Since licensees already possess the necessary equipment, this rule will affect only licensee procedures at negligible additional cost.

TIMETABLE:

NPRM 12/01/80 45 FR 79492
NPRM Comment Period Begin 12/01/80 45 FR 79492
NPRM Comment Period End 01/15/81
Committee to Review Generic Rules 06/30/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Tom R. Allen
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4010

TITLE:

Removal of Appendices A Through H From 10 CFR Part 140

CFR CITATION:

10 CFR 140

ABSTRACT:

The proposed rule would amend 10 CFR Part 140 by removing Appendices A through H, and by making the information contained in the appendices available in the form of separate Regulatory Guides. The information in the appendices includes form of nuclear energy liability policies and indemnity agreements. The information also describes how the Commission determines indemnity location.

TIMETABLE:

NPRM 03/04/83 48 FR 09284
NPRM Comment Period Begin 03/04/83 48 FR 09284
NPRM Comment Period End 04/04/83
Final Action 12/00/83

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Ira Dinitz
Office of State Programs
Washington, DC 20555
301 492-9884

TITLE:

Revision of License Fee Schedules

CFR CITATION:

10 CFR 170

ABSTRACT:

The proposed rule would amend the regulations to permit the NRC to charge fees for the actual cost incurred by the NRC for inspections and for review of applications, permits, licenses, amendments, renewals, and special projects, including topical and other reports. The new fee schedule would affect the licensing and inspection of nuclear power plants, other production or utilization facilities, vendors of nuclear power steam supply systems and materials, facilities engaged in uranium and plutonium fuel fabrication, uranium milling, leaching and refining operations, source material ore-buying and ion exchange activities, burial of radioactive waste, spent fuel cask and packaging approvals, and other users of critical quantities of special nuclear materials. It incorporates the proposed new Category 11.F schedule of fees for materials licenses published in the Federal Register as a proposed rule on March 31, 1980 (45 FR 20899). The comment period has been extended to February 8, 1983 (48 FR 3624).

TIMETABLE:

NPRM 11/22/82 47 FR 52454
NPRM Comment Period Begin 11/22/82 47 FR 52454
NPRM Comment Period End 01/18/83
NPRM extended comment period 02/08/83 48 FR 03624
Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841; 42 USC 483

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Yes

AGENCY CONTACT:

William O. Miller
Office of Administration
Washington, DC 20555
301 492-7225

(C) - ADVANCE NOTICES OF PROPOSED RULEMAKING

C

TITLE:

Standards for Protection Against Radiation*

CFR CITATION:

10 CFR 20

ABSTRACT:

The advance notice of proposed rulemaking seeks comments on a proposal to completely revise NRC's standards for protection against radiation (Part 20). This regulation applies to all NRC licensees and establishes standards for protection against radiation hazards under licenses issued by the NRC. The proposed revision reflects a comprehensive and systematic review of Part 20 and incorporates current standards for radiation protection into the revised regulation.

TIMETABLE:

ANPRM 03/20/80 45 FR 18023

ANPRM Comment Period Begin 03/20/80 45 FR 18023

ANPRM Comment Period End 06/18/80

NPRM 11/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2093; 42 USC 2095; 42 USC 2111; 42 USC 2133;

42 USC 2134; 42 USC 2201; 42 USC 2273; 42 USC 5841; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Yes

AGENCY CONTACT:

Robert E. Baker

Office of Nuclear Regulatory Research

Washington, DC 20555

301 427-4570

TITLE:

Performance Testing of Personnel Dosimetry *

CFR CITATION:

10 CFR 20

ABSTRACT:

The advance notice of rulemaking sought comment on a proposal to add amendments to 10 CFR Part 20 that would improve the accuracy and consistency of reported occupational radiation dose measurement by requiring proficiency tests of dosimetry processors who perform dosimetry for NRC licensees. The proposed amendments would require NRC licensees to have personnel dosimeters (devices carried or worn by each radiation worker to measure radiation exposure received during work) processed by a dosimetry service that is certified by an NRC approved or specified testing laboratory.

TIMETABLE:

ANPRM 03/28/80 45 FR 20493
ANPRM Comment Period Begin 05/12/80 45 FR 31118
ANPRM Comment Period End 06/27/80
NPRM 08/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2093; 42 USC 2095; 42 USC 2111; 42 USC 2134;
42 USC 2201; 42 USC 2273; 42 USC 5841; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Yes

AGENCY CONTACT:

Alan K. Roecklein
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5970

TITLE:

Decommissioning Criteria for Nuclear Facilities

CFR CITATION:

10 CFR 30; 10 CFR 40; 10 CFR 50; 10 CFR 70; 10 CFR 72

ABSTRACT:

The advance notice of proposed rulemaking seeks comment on a proposal to develop a more explicit policy for decommissioning nuclear facilities. The proposal would provide more specific guidance on decommissioning criteria for production and utilization facility licensees and byproduct, source, and special nuclear material licenses. This action is intended to protect public health and safety and to provide the applicant or licensee with appropriate regulatory guidance for implementing and accomplishing nuclear facility decommissioning.

TIMETABLE:

ANPRM 03/13/78 43 FR 10370
NPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Yes

AGENCY CONTACT:

Keith G. Steyer
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5910

TITLE:

Upgraded Emergency Preparedness Procedures for Certain Fuel Cycle and Byproduct Materials Licensees *

CFR CITATION:

10 CFR 30; 10 CFR 40; 10 CFR 70; 10 CFR 72

ABSTRACT:

The advance notice of proposed rulemaking sought comments on a proposal that would strengthen emergency preparedness requirements for fuel cycle and byproduct materials licensees with the potential for accidents involving radioactive materials harmful to public health and safety. This is necessary to ensure that emergency preparedness is sufficient to minimize the danger to public health and safety following an accident involving radioactive materials held by certain fuel cycle and byproduct materials licensees. One of the lessons learned from the accident at Three Mile Island was that improvements in emergency preparedness for some NRC licensed activities was necessary.

TIMETABLE:

ANPRM 06/03/81 46 FR 29712
ANPRM Comment Period Begin 06/03/81 46 FR 29712
ANPRM Comment Period End 08/03/81
NPRM 10/01/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Yes

AGENCY CONTACT:

Stephen A. McGuire
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5942

TITLE:

Certification of Industrial Radiographers

CFR CITATION:

10 CFR 34

ABSTRACT:

The advance notice of proposed rulemaking would require all individuals who use byproduct material in the conduct of industrial radiography to be certified by a third party. Radiography licensees account for over 60 percent of the reported overexposures greater than five rems to the whole body. NRC regulations permit industrial radiographers to perform radiography independently. The NRC grants radiography licensees the authority to train and designate individuals competent to act as radiographers. The advance notice of proposed rulemaking seeks comment on a proposal that would enable NRC to verify the effectiveness of this training, thereby assuring that all radiographers possess adequate training and experience to operate radiographic equipment safely.

TIMETABLE:

ANPRM 05/04/82 47 FR 19152
ANPRM Comment Period Begin 05/04/82 47 FR 19152
ANPRM Comment Period End 09/03/82
NPRM 09/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Undetermined

AGENCY CONTACT:

Robert Alexander
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5970

TITLE:

Acceptance Criteria for Emergency Core Cooling Systems for
Light-Water-Cooled Nuclear Power Plants

CFR CITATION:

10 CFR 50

ABSTRACT:

The advance notice of proposed rulemaking seeks comment on several questions concerning the acceptance criteria for Emergency Core Cooling Systems (ECCS) in light-water-cooled nuclear power plants. Specifically, some of the questions to be commented on are (1) under what circumstances should corrections to ECCS models be used during licensing reviews without necessitating complete reanalysis of a given plant or an entire group of plants; (2) what would be the impact of the proposed procedure-oriented and certain specific technical rule changes; and (3) how should safety margins be quantified. The Commission is considering changing certain technical and nontechnical requirements within the existing ECCS rule. The technical changes would include consideration of new research information. The nontechnical changes would be procedure-oriented and would, among other things, allow for corrections to be made to vendor ECCS analysis codes during the construction review and during construction of the plant.

The changes would provide improvements to the ECCS rule which would eliminate previous difficulties encountered in applying the rule and improve licensing evaluation in the light of present knowledge, while preserving a level of conservatism consistent with that knowledge.

TIMETABLE:

ANPRM 12/06/78 43 FR 57157

ANPRM Comment Period Begin 12/06/78 43 FR 57157

ANPRM Comment Period End 02/05/79

NPRM 04/00/84

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 2233

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Harold Sullivan
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4254

TITLE:

Severe Accident Design Criteria

CFR CITATION:

10 CFR 50

ABSTRACT:

The advance notice of proposed rulemaking was published to provide the nuclear industry and the public an opportunity to submit advice and recommendations to the Commission on what should be the content of a regulation requiring improvements to cope with degraded core cooling and with accidents not covered adequately by traditional design envelopes. The rulemaking proceeding will address the objectives of such a regulation, the design and operational improvements being considered, the effect on other safety considerations, and the costs of the design improvements compared to expected benefits. It is the Commission's intent to determine what changes, if any, in reactor plant designs and safety analysis are needed to take into account reactor accidents beyond those considered in the current design basis accident approach. Accidents under consideration include a range of loss-of-core-cooling, core damage, and core-melt events, both inside and outside historical design envelopes.

TIMETABLE:

ANPRM 10/02/80 45 FR 65474
ANPRM Comment Period Begin 10/02/80 45 FR 65474
ANPRM Comment Period End 12/31/80
Policy Statement Pending before Cms
Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Morton R. Fleishman
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5981

TITLE:

Design and Other Changes in Nuclear Power Plant Facilities
After Issuance of Construction Permit

CFR CITATION:

10 CFR 50

ABSTRACT:

The advance notice of proposed rulemaking was published to seek comments on a proposal that would make the procedure for facility licensing more predictable by (1) defining more clearly the limitations on what changes a construction permit holder may make to a facility during construction and (2) controlling the ways a construction permit holder implements NRC criteria. The proposal is intended to improve the present licensing process and to develop specific descriptions of essential facility features to which a construction permit holder is bound.

TIMETABLE:

ANPRM 12/11/80 45 FR 81602
ANPRM Comment Period Begin 12/11/80 45 FR 81602
ANPRM Comment Period End 02/04/81
Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

James J. Henry
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5981

TITLE:

Mandatory Property Insurance for Decontamination of Nuclear Facilities

CFR CITATION:

10 CFR 50

ABSTRACT:

The advance notice of proposed rulemaking requests comments on the Long Report (NUREG-0891) entitled "Nuclear Property Insurance: Status and Outlook," in order to determine the adequacy of the NRC's property insurance requirements. This report, prepared by Dr. John D. Long, Professor of Insurance at Indiana University, was written as an outgrowth of the Three Mile Island-2 accident after it became apparent that nuclear utilities may need more property insurance than has previously been required. The NRC staff asked Dr. Long to write the report, in part, to answer six pertinent questions regarding nuclear property insurance. The Commission received comments on the issues raised by the Long Report and other issues relating to property for nuclear facilities. Since no substantive changes have been made in the rulemaking, the staff has prepared a final rulemaking notice.

TIMETABLE:

ANPRM 06/24/82 47 FR 27371
ANPRM Comment Period Begin 06/24/82 47 FR 27371
ANPRM Comment Period End 09/22/82
Final Action 07/30/83

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Robert S. Wood
Office of State Programs
Washington, DC 20555
301 492-9885

TITLE:

Modification of the Policy and Regulatory Practice
Governing the Siting of Nuclear Power Reactors

CFR CITATION:

10 CFR 50; 10 CFR 51; 10 CFR 100

ABSTRACT:

The advance notice of proposed rulemaking was published to seek comment on a proposal that would replace the existing reactor site criteria applicable to the licensing of nuclear power reactors with demographic and other siting criteria. The proposed rule would establish siting requirements that are independent of design differences between nuclear power plants. The proposed rule is intended to reflect the experience gained by the Commission since the original regulations on siting were published on April 12, 1962 (27 FR 3509). The proposed rule would ensure that Commission practices on nuclear power reactor siting afford sufficient protection to the public health and safety. The ANPRM also sought public comment on seven of the nine recommendations contained in NUREG-0625, "Report of the Siting Policy Task Force." Development of this rule has been deferred pending a two-year-evaluation program of NRC safety goals and a comprehensive reassessment of the new radioactive source term.

TIMETABLE:

ANPRM 07/29/80 45 FR 50350
NPRM 03/00/86

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

William R. Ott
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4358

TITLE:

Material Control and Accounting Requirements for Facilities Possessing Formula Quantities of Strategic Special Nuclear Material

CFR CITATION:

10 CFR 70

ABSTRACT:

The advance notice of proposed rulemaking (ANPRM) would replace the material control & accounting (MC&A) requirements for fuel cycle facilities, including reprocessing plants possessing formula quantities of strategic special nuclear material (SSNM). It would establish a performance oriented regulation that emphasizes timely detection of SSNM losses and provides for more conclusive resolution of discrepancies. This is to be accomplished at about the same cost as current MC&A requirements by relaxation or elimination of those current requirements which are not cost-effective and by taking advantage of process controls, production controls, and quality controls already used by licensees.

TIMETABLE:

ANPRM 09/10/81 46 FR 45144
ANPRM Comment Period Begin 11/18/81 46 FR 56625
ANPRM Comment Period End 02/09/82
NPRM 09/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

C. W. Emeigh
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4040

TITLE:

Seismic and Geologic Siting Criteria for Nuclear Power
Plants

CFR CITATION:

10 CFR 100

ABSTRACT:

The advance notice of proposed rulemaking was published to solicit public comment on the need for a reassessment of the Commission's criteria for the siting of nuclear power plants. The Commission determined that this action was necessary as a result of experience gained with application of current criteria and the rapid advancement in the state of the art of earth sciences. The NRC staff was particularly interested in finding out about problems that have arisen in the application of existing siting criteria. The public was invited to state the nature of the problems encountered and describe them in detail. The public was also asked to submit proposed corrective actions. Two petitions for rulemaking filed with the Commission, PRM-50-20 and PRM-100-2 will be addressed as part of this rulemaking.

TIMETABLE:

ANPRM 01/19/78 43 FR 2729
NPRM 12/00/87

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Leon L. Beratan
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4370

(D)- UNPUBLISHED RULES

D

TITLE:

Jurisdiction of Adjudicatory Boards

CFR CITATION:

10 CFR 1; 10 CFR 2

ABSTRACT:

The final rule would amend the Statement of Organization and Rules of Practice to make explicit the jurisdiction of NRC's adjudicatory boards in certain ancillary licensing matters which may arise in the course of an operating license proceeding for a nuclear power reactor. The amendments clarify the board's authority to decide issues related to a license application for the receipt of cold fuel at a reactor site prior to issuance of an operating license.

TIMETABLE:

Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2241

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

William M. Shields
Office of the Executive Legal Director
Washington, DC 20555
301 492-8693

TITLE:

Participation of the NRC Staff in Initial Licensing Proceedings

CFR CITATION:

10 CFR 2

ABSTRACT:

The proposed rule would limit the NRC staff participation as a full party in contested initial licensing proceedings to those controverted factual issues on which it disagrees with the technical basis, rationale, or conclusions of the license applicant. The proposed rule is in response to requests from within and outside NRC for the Commission to re-examine its staff's role in the adjudicatory licensing proceedings. The proposed rule is intended to enhance the public's perception of the Commission's regulatory process as a fair and neutral one that considers opposing viewpoints.

TIMETABLE:

NPRM 07/15/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2231

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

James R. Tourtellotte
Regulatory Reform Task Force
Washington, DC 20555
202 634-3300

TITLE:

Backfitting.

CFR CITATION:

10 CFR 2; 10 CFR 50

ABSTRACT:

The proposed rule would modify current NRC regulations governing the "backfitting" of production and utilization facilities. "Backfitting" is the term used to describe modifications made to the design of a facility under operating license review or to an operating facility to meet upgraded requirements imposed in response to advances in knowledge concerning reactor design and reactor safety. The proposed changes would revise the Commission's standard for determining whether backfitting is required and is being considered as part of a larger effort to review the NRC's internal processes and procedures associated with the licensing of nuclear power reactors. The specific purposes for development of the proposed rule are as follows: (1) To improve the quality of the backfitting decision-making process; (2) To address the concern that the pace and nature of regulatory actions have created a potential safety problem which deserves further attention by the agency; and (3) To reduce the level of regulatory uncertainty and ensure better understanding and improve analysis of the costs and safety benefits likely to result from NRC-imposed changes before they are placed in effect.

TIMETABLE:

NPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2021; 42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232;
42 USC 2233; 42 USC 2239; 42 USC 4332; 42 USC 4334; 42 USC 4335;
42 USC 5841; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

James Tourtellotte
Regulatory Reform Task Force
Washington, DC 20555
202 634-3300

TITLE:

Regulatory Reform of the Rules of Practice and Rules for
Licensing of Production and Utilization Facilities

CFR CITATION:

10 CFR 2; 10 CFR 50

ABSTRACT:

This proposed rule would amend thirty-three sections of two parts affecting the hearing process associated with the issuance of licenses. In the screening process, the most significant changes would (1) establish a screening Atomic Safety and Licensing Board (ASLB) to act as a clearing house for all requests for hearings, petitions for leave to intervene, and proposed contentions, (2) require a participant in a hearing to show that he or she has an interest to protect in the proceeding, and (3) require evidence of a factual dispute for a contention to be admitted. During the conduct of hearings, the most significant changes would (1) not hear discovery requests requiring the staff to support positions other than its own, (2) permit the ASLB to decide the case on the basis of written material, (3) permit the ASLB to appoint a panel of technical experts if needed, (4) allow presiding officers to raise issues on their own motion (*sua sponte*) only in unusual cases, (5) allow summary disposition motions to be filed at any stage of the proceeding, (6) allow the Commission to designate a hearing examiner in lieu of a three-member ASLB and (7) require the filing of cross examination plans.

During the decision-making process, the most significant changes would (1) remove the ASLB as an independent appeal board but place it organizationally directly under the Commission to review, as before, ASLB decisions, and give its recommendations to the Commission, (2) allow any generic issue resolved in an initial licensing proceeding to be codified, allowing a 45-day comment period, (3) allow an intervenor to participate in discussing only those items he or she introduced, and (4) reinstate the immediate effectiveness of an ASLB decision on an operating license, construction permit, or work authorization.

TIMETABLE:

NPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2231; 42 USC 5841; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

James R. Tourtellotte
Regulatory Reform Task Force
Washington, DC 20555
202 634-3000

TITLE:

+ Hybrid Hearing Procedures for Expansions of Onsite Spent Fuel Storage Capacity at Civilian Nuclear Power Reactors

CFR CITATION:

10 CFR 2; 10 CFR 72

ABSTRACT:

The proposed rule would implement the hybrid hearing process established by Section 134 of the Nuclear Waste Policy Act of 1982. That section establishes a hybrid hearing process for certain contested proceedings on applications for a license or a license amendment to expand the spent nuclear fuel storage capacity at the site of a civilian nuclear power reactor. The hybrid hearing process consists of an informal first stage which culminates in a legislative-type oral argument designed to identify issues appropriate for resolution in an adjudicatory hearing. The proposed rule would permit a petitioner to be admitted as a party to the proceeding without the need to specify at least one valid contention. Following discovery and oral argument, the presiding officer would designate for consideration in an adjudicatory hearing only those issues that involve a genuine and substantial dispute of fact.

TIMETABLE:

NPRM 06/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2239

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Linda S. Gilbert
Office of Executive Legal Director
Washington, DC 20555
301 492-7678

TITLE:

Procedures for Picking Up, Receiving, and Opening Packages

CFR CITATION:

10 CFR 20

ABSTRACT:

The proposed rule has been prepared in response to a General Accounting Office recommendation that the NRC broaden the requirements of Section 20.205. The rule would extend current requirements for the receipt and external radiation monitoring by licensees of packages containing an excess of Type A quantities of nuclear material to include packages not transported by exclusive use vehicles that contain more than one-third of a Type A quantity of nuclear material. These packages, if damaged, could pose a direct radiation hazard. The rule would remove the existing requirements to report excessive external radiation levels at the package surface to avoid increased occupational radiation exposure to the worker. The rule would also add a general package monitoring under existing NRC regulations in Section 20.205. The effect of the proposed rule would be to provide increased radiological protection for transportation workers and the general public by broadening the requirements for monitoring packages used to transport radioactive material. This proposed rule will be incorporated into the proposed 10 CFR Part 20 revision.

TIMETABLE:

NPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Steven Bernstein
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

Performance Testing for Health Physics Survey Instruments*

CFR CITATION:

10 CFR 20

ABSTRACT:

The advance notice of proposed rulemaking would require that NRC licensees use health physics survey instruments that have been certified as meeting certain performance specifications. The proposed rule would permit the NRC to determine whether health physics survey instruments used by almost all NRC licensees meet acceptable performance standards. The proposed rule would improve the radiation safety of workers using health physics instruments by ensuring that the instruments meet acceptable performance standards.

TIMETABLE:

ANPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2093; 42 USC 2095; 42 USC 2111; 42 USC 2133;
42 USC 2134; 42 USC 2201; 42 USC 2273; 42 USC 5841; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Yes

AGENCY CONTACT:

Robert Alexander
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5975

TITLE:

Performance Testing for Bioassay Labs

CFR CITATION:

10 CFR 20

ABSTRACT:

The proposed rule would require licensees, who provide bioassay services for individuals to assess internal radiation exposure, to use accredited laboratories after the NRC establishes an accreditation program. The proposed rule would reduce unacceptable errors in measurements that have been revealed by programs designed to check the accuracy of laboratories that analyze materials for radioactivity. Thus, the accuracy and reliability of determinations of internal radiation exposure or intakes of radioactive material would be improved. An expert committee of the Health Physics Society has written a draft standard. The draft standard has been revised to take into account early comments that the NRC solicited and received from industry. The NRC, in cooperation with the DOE, has established a performance testing study to test the standard, to provide the information necessary to complete the standard, and to design and set up an accreditation program.

TIMETABLE:

NPRM 04/00/84

LEGAL AUTHORITY:

42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Allen Brodsky
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5970

TITLE:

Proposed Revisions to the Criteria and Procedures for the Reporting of Defects and Noncompliance

CFR CITATION:

10 CFR 21; 10 CFR 50

ABSTRACT:

This proposed rule would amend Part 21 and Part 50.55(e), both of which require the reporting of defects by licensees, (1) to eliminate duplicate reporting and evaluation, (2) to establish consistency with other NRC reporting requirements, (3) to clarify reporting criteria and responsibilities for establishing procedures for implementing 10 CFR Part 21, and (4) to establish time limits within which a defect must be reported and evaluated.

TIMETABLE:

NPRM 07/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2282; 42 USC 5841; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Francis X. Cameron
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5981

TITLE:

Amendment to the Timetable for the Publication of a Revised
Access Authorization Fee Schedule

CFR CITATION:

10 CFR 25

ABSTRACT:

The final rule changes the date of publication for the annual access authorization fee schedule from December to July. This amendment is necessary since the Office of Personnel Management (OPM) notifies the NRC of adjustments to the basic cost of access authorization background investigations on or about July 1. The change in publication date for the fee schedule will enable NRC to promptly comply with OPM's revised cost adjustments.

TIMETABLE:

Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2165; 42 USC 2273; 42 USC 5841; 31 USC 483a;
50 USC 401

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Richard A. Dopp
Office of Administration
Washington, DC 20555
301 427-4549

TITLE:

Periodic and Systematic Reevaluation of Parts 30 and 32

CFR CITATION:

10 CFR 30; 10 CFR 32

ABSTRACT:

The proposed rule would be an editorial revision of the regulations governing the domestic licensing of byproduct material and the exemptions from domestic licensing requirements. The proposed rule would reflect the application of good regulatory drafting practices. The proposed rule would simplify and clarify the format of the present regulations so that persons subject to byproduct material regulations can conveniently use and understand them.

TIMETABLE:

Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201; 42 USC 2232; 42 USC 2233; 42 USC 2234;
42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

James J. Henry
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5981

TITLE:

Radiation Surveys and Internal Inspection System

CFR CITATION:

10 CFR 34

ABSTRACT:

The proposed rule would require that the internal inspection description in a radiography license application specify a method for inspecting each radiographer and radiographer's assistant's knowledge of applicable regulations, license conditions, and established procedures at intervals not exceeding three months. This action is intended to ensure that radiographic operations are conducted safely. The proposed rule would also allow a licensee to record a radiation survey of a radiographic exposure device made when storing the device after use instead of recording the results of the radiation survey made after the last exposure. This action, which is taken in response to PRM-34-3, is intended to provide an acceptable alternative procedure for assuring that the sealed source has been properly stored within the device.

TIMETABLE:

Petition for Rulemaking (PRM-34-3) 11/23/82 47 FR 52722
NPRM 08/00/83

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201; 42 USC 2232; 42 USC 2233; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Undetermined

AGENCY CONTACT:

Deborah A. Bozik
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4566

TITLE:

Medical Licenses for Human Use of Byproduct Material*

CFR CITATION:

10 CFR 35

ABSTRACT:

The proposed rule would revise the requirements and procedures applicable to a physician or medical institution that seeks to obtain a license authorizing the human use of byproduct material by adopting a "performance standard" approach to medical licensing. The proposed rule would simplify the medical licensing process and reduce the administrative burden on the licensee and the NRC by (1) including in the regulations all the requirements a medical licensee must meet; (2) eliminating or modifying administrative requirements not essential to safety; (3) simplifying the application form; and (4) reducing the paperwork burden for the licensee and the NRC. The proposed rule would maintain the current level of protection to the health and safety of the medical worker and the general public. An earlier rule on which the NRC was considering action that would clarify the responsibilities of various echelons of nuclear medicine personnel has been incorporated into the proposed revision of Part 35.

TIMETABLE:

Pending before the Commission.

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201; 42 USC 2232; 42 USC 2233

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: Yes**AGENCY CONTACT:**

William J. Walker
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4232

TITLE:

Group Licensing for Certain Medical Uses: Albumin Colloid

CFR CITATION:

10 CFR 35

ABSTRACT:

This final rule would add a new reagent kit, used to prepare the radiopharmaceutical technetium-99m labeled albumin colloid to NRC's list of authorized radioactive drugs and reagent kits. This action places the radiopharmaceutical, albumin colloid, in the list contained in Sec. 35.100 in which NRC sets forth groups of medical uses of byproduct material that have similar requirements for user training and experience, facilities and equipment, and radiation safety procedures. This action allows Group III licensees to use the reagent kit used to prepare technetium-99m labeled albumin colloid without obtaining a license amendment authorizing the use. This reduces administrative costs by eliminating the need to obtain an amendment to the license.

TIMETABLE:

Final Action 06/00/83

LEGAL AUTHORITY:

42 USC 2111; 42 USC 2201; 42 USC 2232; 42 USC 2233; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: N/A**AGENCY CONTACT:**

William J. Walker, Jr.
Office of Nuclear Material Safety and
Safeguards

TITLE:

+ Suspension of Exemption Permitting Use of a Glaze Containing Small Amounts of Uranium in Certain Cloisanne Jewelry

CFR CITATION:

10 CFR 40

ABSTRACT:

The Nuclear Regulatory Commission is suspending provisions of its regulations that exempt the use of a glaze containing small amounts of uranium in consumer products, such as jewelry, from the specific licensing requirements applicable to source material. The NRC is taking this action because it has learned that certain cloisanne jewelry is painted with a glaze that contains small amounts of uranium. This action will prohibit the further import or distribution of the jewelry until the NRC can reevaluate the exemption in the context of the principle that any exposures to radiation should be avoided unless there is a resulting benefit. The suspension will be in force until the NRC completes its final action following its reevaluation of the exemption or June 30, 1985, whichever comes first.

TIMETABLE:

Final Action 07/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: N/A

AGENCY CONTACT:

Anthony N. Tse
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5825

TITLE:

+ Source Material Transfer Reports and Tritium Inventory Reports

CFR CITATION:

10 CFR 40; 10 CFR 150

ABSTRACT:

The NRC is amending its requirements to lower the reportable quantity of source material transfers from 1,000 kilograms or more to 1 kg or more. It is necessary to lower the reportable quantity to fulfill the obligations of the US/IAEA Agreement, the US/Canadian and US/Australian Bilateral Agreements, and reporting of imports and exports as recommended in an IAEA Consultants Group meeting. This change will remove any existing inconsistency between the regulations and the reporting instructions. The NRC is also deleting the requirement that licensees submit reports concerning tritium inventories. The NRC has determined that the holdings of tritium in the U.S. are not sufficient to justify continued reporting of tritium inventories.

TIMETABLE:

NPRM 09/00/83

LEGAL AUTHORITY:

42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

June P. Robertson
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4004

TITLE:

Extension of Criminal Penalties

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule, in accordance with the provisions of the NRC Authorization Act for Fiscal Year 1980, would extend the application of the criminal penalties provision of the Atomic Energy Act (AEA) of 1954, as amended, to any individual director, officer, or employee of a firm constructing or supplying the components of a nuclear power plant who knowingly and willfully violates any NRC regulation, order, or license condition during construction of a nuclear power plant. Section 223(b) of the AEA essentially directs the Commission to establish a limit for potential unplanned off-site releases of radioactive material which would trigger consideration of possible criminal penalties. As directed in Section 223(b)(3), the proposed rule establishes, in its definition of a "basic component," the limits for potential unplanned releases of radioactive material that could trigger application of criminal penalties.

TIMETABLE:

NPRM 08/00/83

LEGAL AUTHORITY:

42 USC 2201

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Frank Swanberg
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4626

TITLE:

Occupational ALARA Rule

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would require NRC commercial nuclear power plant operating licensees to develop and use means subject to NRC inspection and enforcement to achieve and control occupational radiation dosages that are as low as reasonably achievable (ALARA). This requirement would become part of the Radiation Protection Programs of licensees required to provide personnel monitoring, perform bioassays, or to measure concentrations of radioactivity in the air. The proposed rule expresses the Commission's belief that radiation doses received by workers in licensed activities can and should be reduced and strengthen efforts to maintain occupational doses of ionizing radiation ALARA. The Commission believes that a reduction in the occupational collective (man-rem) dose received in connection with NRC licensed activities at nuclear power plants can be effected without unreasonable costs to licensees. With this objective, it is feasible to adopt as performance criteria, radiation protection techniques which have been shown by experience to be both effective and practical.

TIMETABLE:

Next Action Undetermined

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Robert Alexander
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5975

TITLE:

Protection of Contractor Employees

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would require 10 CFR Part 50 licensees, permittees, and applicants to ensure that procurement documents they issue or modify, specify that contractors and subcontractors post a notice to employees related to employee protection. The required notice would contain information notifying employees that an employer is prohibited from discriminating against an employee engaging in protected activities and that an employee may seek a remedy for prohibited discrimination by filing a complaint with the Department of Labor. The proposed amendment would affect licensees, permittees, applicants, and their contractors and subcontractors who are contractually responsible for construction of basic components or production and utilization facilities.

TIMETABLE:

NPRM 07/00/83

LEGAL AUTHORITY:

42 USC 2236; 42 USC 2282; 42 USC 5851

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Anthony J. DiPalo
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5981

TITLE:

Extension of Construction Completion Date

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would clarify the provision of Section 50.55(b) which describes both the procedure for renewal of a construction permit for a nuclear power plant following its expiration (a showing of "good cause") and the circumstances under which the Commission will consider granting a request for an extension of a construction completion date. The proposed rule would also address two essentially identical petitions for rulemaking filed with the Commission by the State of Illinois (PRM-50-25) and the Porter County Chapter of the Izaak Walton League of America, et al. The petitioners requested that Section 50.55(b) be amended or rescinded, and that the Commission promulgate a regulation which would not limit a "good cause" showing to the reasons why construction was not completed before the latest completion date specified in the construction permit.

TIMETABLE:

NPRM 08/00/83

LEGAL AUTHORITY:

42 USC 2235

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Linda S. Gilbert
Office of the Executive Legal Director
Washington, DC 20555
301 492-8689

TITLE:

Frequency of Emergency Preparedness Exercises for State and
Local Governments

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would modify the existing procedures for scheduling certain emergency preparedness exercises. As a result of information gathered through past experience, the NRC staff is developing a proposed rule which would provide flexibility in the conduct of emergency preparedness exercises. The proposed rule change would retain the presently required annual full-participation exercise with the proviso that if all elements in the emergency plan are performed in a satisfactory manner during the annual exercise, the Federal Emergency Management Agency (FEMA) may find that another exercise with state and local governmental participation is not warranted for a period of up to two years.

TIMETABLE:

NPRM 07/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 2233;
42 USC 2239; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Michael T. Jamgochian
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5890

TITLE:

Emergency Preparedness Reporting Requirements

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would add a specific provision to the Commission's regulations which would require nuclear power plant licensees to report to the Commission if the level of emergency preparedness is adversely affected. The proposed reporting requirements would focus on the more important aspects of emergency preparedness such as communications capabilities and accident assessment capabilities, while placing less emphasis on items such as recovery operations and updating and distribution of copies of the emergency preparedness plan. The purpose of the proposed rule is to ensure that an adequate level of emergency preparedness is maintained by nuclear power plant licensees. The proposed rule would provide an enforceable basis for requiring that the affected licensees report to the NRC concerning deficiencies in the status of their emergency preparedness capabilities.

TIMETABLE:

NPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2232; 42 USC 2233;
42 USC 2239; 42 USC 5842; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Frank Pagano
Office of Inspection and Enforcement
Washington, DC 20555
301 492-7647

TITLE:

Pressurized Thermal Shock

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would codify the NRC staff's recommended near-term actions for protection against pressurized thermal shock (PTS) events. Specifically, the provisions of the proposed rule would establish screening criteria for axial and circumferential welds; require licensees with operating plants to submit data concerning their reactor vessels to the NRC staff for review; require certain licensees to implement flux-reduction programs; and require certain licensees with operating pressurized water reactors (PWRs) to submit a PTS safety analysis to the NRC staff for review. The issue of pressurized thermal shock arises because in PWRs, transients and accidents can occur that result in severe overcooling (thermal shock) of the reactor pressure vessel concurrent with or followed by repressurization. In these PTS events, rapid cooling of the reactor vessel internal surface results in thermal stress with a maximum tensile stress at the inside surface of the vessel. The provisions of the proposed rule would apply only to PWRs.

TIMETABLE:

NPRM 06/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Roy H. Woods
Office of Nuclear Reactor Regulation
Washington, DC 20555
301 492-4714

TITLE:

Fire Protection for Future Plants

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would provide more comprehensive fire protection requirements for future nuclear power plants by consolidating the NRC fire protection guidelines and requirements for nuclear power plants into one enforceable document. The present requirements for fire protection at nuclear power plants are limited in that these requirements apply only to plants licensed prior to January 1, 1979. At the time when these effective regulations were approved, the Commission directed the staff to proceed with development of a comprehensive rule for plants licensed in the future. The Commission has approved a staff recommendation that preparation of the proposed comprehensive fire protection rule for new nuclear power plants be postponed until June 1984. This postponement will allow the staff to concentrate on processing the many Appendix R exemption requests. The results of relevant research and the exemption request resolution decisions will then be available to assure proper technical bases for the rule. In addition, the Commission requested a report from the staff by June 30, 1983, which will describe the types of exemptions requested.

TIMETABLE:

Report to the Commission 06/30/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

David P. Notley
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5946

TITLE:

Primary Reactor Containment Leakage Testing for
Water-Cooled Power Reactors

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would revise the criteria for preoperational and periodic pressure testing for leakage of primary and secondary containment boundaries of water-cooled power reactors. The current regulation specifies the criteria that leakage testing must meet and how the testing must be performed. The proposed rule would implicitly recognize national standard (ANSI/ANS 56.8) that specifies approved procedures for conducting the test and thus permit the NRC staff to focus its attention on the performance standard and design criteria aspects of the regulation. The proposed rule would eliminate ambiguities, increase the flexibility of the regulation, and emphasize the testing criteria aspects of the regulation while reducing the mechanistic aspects of the testing procedure. It would also reduce the paperwork burden on NRC and the compliance burden on licensees by reducing the number of exemption requests licensees are required to submit.

TIMETABLE:

NPRM 02/00/84

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Gunter Arndt
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5860

TITLE:

Codes and Standards for Nuclear Power Plants (Winter 1982)

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would incorporate by reference the Winter 1982 addenda of the ASME Boiler and Pressure Vessel Code. The ASME (American Society of Mechanical Engineers) code sets standards for the construction of nuclear power plant components and specifies requirements for inservice inspection of those components. The ASME code requirements for nuclear power plants are set forth in Section III for construction permit holders and Section XI for operating plants. The proposed rule would include the most recent changes made to the ASME Boiler and Pressure Vessel Code and permit the use of improved methods for construction and inservice inspection of nuclear power plants.

TIMETABLE:

NPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Nancy Miegel
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5892

TITLE:

General Human Factors Criteria for New Construction

CFR CITATION:

10 CFR 50

ABSTRACT:

The advance notice of proposed rulemaking would establish three new general human factors criteria. The criteria to be addressed are criteria for operability, surveillance, maintainability, and human engineering criteria. The revised human factors criteria are necessary because post-TMI reviews and operating experience indicate that the human factors discipline is rarely applied when needed at the design and construction stage. After receipt of public comments on the ANPRM and additional review of past operating experience, the staff will develop a proposed rule.

TIMETABLE:

ANPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5846

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: N/A

AGENCY CONTACT:

James P. Jenkins
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5942

TITLE:

Applicability of Appendix B to Appendix A

CFR CITATION:

10 CFR 50

ABSTRACT:

The proposed rule would clarify the quality assurance program requirements for those structures, systems, and components of nuclear power plants that are important to safety. The proposed rule would also eliminate any possible confusion over the definition of the terms "important to safety" and "safety-related" and provide a clear statement in the Commission's regulations concerning the applicability of the quality assurance criteria in 10 CFR 50 of Appendix B to the structures, systems, and components covered in Appendix A. In the aftermath of the Three Mile Island-2 accident, a number of studies concluded that the scope of the items to which the quality assurance criteria of Appendix B to 10 CFR 50 apply needs to be broadened to include the full range of safety matters as was originally intended. Typical examples of structures, systems, and components for which the Appendix B quality assurance program criteria may not have been fully implemented are in-core instrumentation, reactor coolant pump motors, reactor coolant pump power cables, and radioactive waste system pumps, valves, and storage tanks.

TIMETABLE:

NPRM 01/00/84

LEGAL AUTHORITY:

42 USC 2133; 42 USC 2134; 42 USC 2201; 42 USC 2233

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

William L. Belke
Office of Inspection and Enforcement
Washington, DC 20555
301 492-4512

TITLE:

Radon Emissions Estimate for Table S-3

CFR CITATION:

10 CFR 50; 10 CFR 51

ABSTRACT:

In a Federal Register notice published on April 14, 1979 (43 FR 15613) the Commission deleted the radon-222 value from Table S-3 because it was recognized to be underestimated; the Commission stated that upon issuance of the Generic Environmental Impact Statement (GEIS) on uranium milling and the evaluation of data from several ongoing research programs, it would determine whether to initiate rulemaking to provide a new estimate for radon-222 in Table S-3. Meanwhile, the environmental effects of radon-222 would be subject to litigation in individual nuclear power plant licensing proceedings. The purpose of the proposed rule would be to deal with this question generically for all nuclear power plants, thus saving the time and cost of repetitive consideration of the effects of radon-222 in individual nuclear power plant licensing proceedings. The GEIS on uranium milling and the reports of research on radon releases in uranium mining were published in 1979 and 1980. Based on these documents, the staff developed new estimates of radon emissions from the entire fuel cycle. These new estimates were introduced into the public record at the February 1980 hearing on radon before the Atomic Safety and Licensing Appeal Board in Harrisburg, PA. The Appeal Board decision of May 13, 1981 (ALAB-640) upheld the staff's new estimates of radon releases and the final decision (ALAB-701) affirmed previous decisions that fuel-cycle-related radon emissions would not have significant health effects. Rulemaking to add the new value for radon 222 in Table S-3 could be affected by proposed new EPA standards for radon emissions from uranium mill tailings, which were issued for public review and comment on April 29, 1983, and could also be affected by revisions to NRC's uranium milling regulations, which the Commission will promulgate to conform to EPA's new standards. In a separate action, the D.C. Circuit Court of Appeals decision of April 27, 1982, invalidated the entire Table S-3 rule. The Nuclear Regulatory Commission is appealing this decision to the Supreme Court. Pending the outcome of this appeal, the rulemaking to add a new estimate for radon-222 to Table S-3 is being held in abeyance.

TIMETABLE:

D.C. Court Invalidates Table S-3 04/27/82
NRC Appeal to Supreme Court Filed 09/27/82
ASLA Board Decision on Radon-222 11/19/82
NCR Appeal to Supreme Court Argued 04/19/83
Supreme Court Decision on S-3 Rule 09/00/83
Next Action 03/04/84

TITLE:

Radon Emissions Estimate for Table S-3

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

William E. Thompson
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4211

TITLE:

Operator Training and Qualification

CFR CITATION:

10 CFR 50; 10 CFR 55

ABSTRACT:

The proposed rule would require a systematic approach to training and examination in order to strengthen the criteria for issuing licenses to operators of nuclear power plants. The rulemaking will include requirements for operational training, routine maintenance of operator proficiency, and requalification examinations. The proposed rulemaking seeks to improve operator performance and bring the NRC regulations into compliance with the "Nuclear Waste Policy Act of 1982." Training regulation will extend to all personnel performing in functions important to safety.

TIMETABLE:

NPRM 12/00/83

LEGAL AUTHORITY:

42 USC 2137; 42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Julius Persensky
Office of Nuclear Reactor Regulation
Washington, DC 20555
301 492-4892

TITLE:

Personnel Access Authorization Requirements for Nuclear Power Plants (Part of Insider Rule Package)

CFR CITATION:

10 CFR 50; 10 CFR 73

ABSTRACT:

The proposed rule would require nuclear power plant licensees and applicants to establish an access authorization program for individuals requiring unescorted access to the protected and vital areas of nuclear power plants. On March 17, 1977, the NRC published in the Federal Register (42 FR 14880) a proposed rule that would establish an unescorted access authorization program for individuals who have access to or control over special nuclear material (SNM) at both nuclear reactors and fuel cycle facilities. Written comments were invited and received. On December 28, 1977, the NRC published a notice of public hearing (42 FR 64703) on the proposed rulemaking. Subsequently, the NRC established a Hearing Board to gather additional testimony. As a result of information gathered at the public hearing and its own examination of the proposed access authorization program, the Hearing Board recommended publication of a final rule, based on the 1977 proposed rulemaking, for fuel cycle facilities and transportation licensees only. (The final rule was published on November 21, 1980; 45 FR 76968.) The Hearing Board further recommended that a new access authorization program be established for and administered by nuclear power plant licensees. The proposed rule will provide for this program and will include personnel screening to determine the suitability of an employee to be permitted unescorted access to either protected or vital areas of nuclear power plants.

TIMETABLE:

NPRM 08/00/84

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Kristina Z. Markulis
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5976

TITLE:

+ Material Status Reports

CFR CITATION:

10 CFR 70

ABSTRACT:

The NRC is amending its regulations in 70.53 to require additional information, pertaining to MUF and LEMUF figures, to be included in the semiannual Material Status Reports. Licensees who will be affected by the proposed regulations are those who are authorized to possess at any one time special nuclear material (SNM) in a quantity exceeding one effective kilogram and who use the SNM for activities other than those involved in the operation of a nuclear reactor. In the past, this information has been sent voluntarily in narrative form to the Regional Offices as an attachment to the Material Status Reports. In conjunction with this rulemaking, the form that is used for the Material Status Reports is being updated to allow for the inclusion of the required additional information.

TIMETABLE:

NPRM 01/00/84

LEGAL AUTHORITY:

42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

June P. Robertson
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4004

TITLE:

International Convention for the Protection of Nuclear
Material

CFR CITATION:

10 CFR 70; 10 CFR 73; 10 CFR 110

ABSTRACT:

The NRC is amending its regulations in order to comply with the provisions of the International Convention for the Protection of Nuclear Material. The proposed amendments would require (1) the physical protection of transient shipments of special nuclear material of moderate and low strategic significance and irradiated reactor fuel, (2) advance notification to NRC concerning the export of Convention-defined nuclear materials, and (3) advance notification and assurance of protection to NRC concerning the importation of Convention-defined nuclear materials from countries that are not parties to the Convention, and (4) advance notification and assurance of protection concerning transient shipments of Convention - defined nuclear material shipped between countries that are not party to the Convention.

TIMETABLE:

NPRM 07/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Steve Brown
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4186

TITLE:

Modification of Protection Requirements for Spent Fuel Shipments

CFR CITATION:

10 CFR 73

ABSTRACT:

The proposed rule would moderate the present interim requirements for the protection of shipments of irradiated reactor fuel cooled for 150 days or more. Recent research shows that the quantity of radioactive material that would be released as a result of successful sabotage is much smaller than was supposed at the time that the interim rule was issued. The moderated requirements would provide for (1) shipments to be accompanied by an unarmed escort, who may be a driver or carrier employee and may have other duties, (2) on-board communications, and (3) immobilization capability for trucked shipments. Present interim requirements will continue to be effective for shipments of irradiated reactor fuel cooled less than 150 days. The benefit of the proposed rule would be the elimination of unnecessarily strict requirements which presently apply to spent fuel shipments. It is estimated that the modified requirements will result in a savings to licensees of about \$20,000 to \$30,000 annually, assuming 135 shipments annually.

TIMETABLE:

NPRM 10/31/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Carl B. Sawyer
Office of Nuclear Material Safety and
Safeguards
Washington, DC 20555
301 427-4186

TITLE:

Medical Standards for Employment of Security Personnel

CFR CITATION:

10 CFR 73

ABSTRACT:

The proposed rule would amend the medical standards for the employment of security personnel by licensees who operate nuclear power plants, fuel cycle facilities, or possess or ship certain quantities of special nuclear material. Specifically, the rule would revise paragraph I.B.(3) of Appendix B to Part 73 to provide the conditions under which persons with an established medical history or medical diagnosis of a chronic or nervous disorder may be employed as security personnel. Currently, these criteria provide that an individual have no established medical history or diagnosis of epilepsy or diabetes or, where either of these medical conditions exist, the individual provide medical evidence that the condition may be controlled with proper medication. The revised paragraph would clarify the types of diseases which are required to be controlled in order for individuals to be employed as security personnel and would require that an individual who has any chronic disease or nervous disorder must provide evidence that it can be controlled through medication.

TIMETABLE:

Revision of Part 73 09/00/84

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Andrea K. Barnold
Office of Nuclear Regulatory Research
Washington, DC 20555
301 443-5976

TITLE:

+ Physical Protection Requirements for Independent Spent Fuel Storage Installations (ISFSIs)

CFR CITATION:

10 CFR 73

ABSTRACT:

The proposed rule will revise the requirements for the physical protection of spent nuclear fuel at independent storage sites. When Sec. 73.50 was originally written, more stringent requirements were included to protect against the perceived consequences of radiological sabotage of special nuclear material (SNM). Since that time, DOE and NRC have sponsored independent studies of explosive forces against spent fuel casks. These studies revealed that extraordinarily large quantities of explosives, which would have to be transported by some type of vehicle, would be required to effect a detonation of sufficient magnitude to pose a significant radiological threat to public health and safety. Because the anticipated consequences of radiological sabotage of SNM are not as severe as originally perceived, several of the requirements associated with searches of personnel and small containers are being considered for deletion. NRC requirements for licensee detection capability of objects and materials that could offer a creditable threat to the spent fuel will be simplified. Finally, the proposed rule will be performance-oriented to allow affected licensees the flexibility of using the most cost-effective measures available to meet the regulatory requirements.

TIMETABLE:

NPRM 03/01/84

LEGAL AUTHORITY:

42 USC 2201; 42 USC 5841

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Odell F. Smith
Office of Nuclear Material Safety
and Safeguards
Washington, DC 20555
301 427-4181

TITLE:

Patents

CFR CITATION:

10 CFR 81

ABSTRACT:

The proposed rule would establish the policies, general rules, and procedures regarding the handling of patent matters, for which the NRC presently has no regulations, in a manner that would be substantially like those being used by other government agencies. The proposed rule would revise completely Part 81, which currently is directed only to patent licensees, into a regulation that sets forth NRC patent policies, regulations, and rules for contract clauses, waiver of rights provisions, and other applicable areas.

TIMETABLE:

NPRM 07/00/83

LEGAL AUTHORITY:

42 USC 3182

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Neal E. Abrams
Office of Executive Legal Director
Washington, DC 20555
301 492-8662

TITLE:

Export/Import of Nuclear Equipment and Material

CFR CITATION:

10 CFR 110

ABSTRACT:

The proposed rule would simplify licensing requirements for the export of nuclear equipment and material that does not have significance from a nuclear proliferation perspective by expanding or establishing general licenses for nuclear reactor components, gram quantities of special nuclear material, and certain kinds of source or byproduct material. The general licenses would ease current licensing restrictions by removing the requirement to obtain a specific export or import license for certain material and equipment. The proposed general licenses include a policy of facilitating nuclear cooperation with countries sharing U.S. non-proliferation goals. The proposed rule would increase international commerce and reduce the regulatory burden on the public and the NRC without increasing the risk to public health and safety or the common defense and security. The proposed rule would reduce NRC's minor case licensing workload by about 75% thus allowing the staff to process license applications for major exports of nuclear equipment and material expeditiously.

TIMETABLE:

NPRM Undetermined

LEGAL AUTHORITY:

42 USC 2073; 42 USC 2074; 42 USC 2077; 42 USC 2092; 42 USC 2094;
42 USC 2111; 42 USC 2112; 42 USC 2139; 42 USC 5841; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No

AGENCY CONTACT:

Marvin R. Peterson
Office of International Programs
Washington, DC 20555
301 492-4599

TITLE:

Criteria for an Extraordinary Nuclear Occurrence

CFR CITATION:

10 CFR 140

ABSTRACT:

The proposed rule would revise the criteria the Commission currently follows in determining an extraordinary nuclear occurrence (ENO), in order to overcome the problems that were encountered following the Three Mile Island (TMI) accident when the present criteria were applied. The proposed criteria would focus on things that can be readily counted or estimated within a relatively short time following an accident (i.e., substantial release of radioactive material or radiation offsite and substantial exposure levels). The revised criteria will provide for speedy satisfaction of legitimate claims in the event of an ENO.

TIMETABLE:

NPRM 08/00/83

LEGAL AUTHORITY:

42 USC 2201; 42 USC 2210; 42 USC 5841; 42 USC 5842

EFFECTS ON SMALL BUSINESS AND OTHER ENTITIES: No**AGENCY CONTACT:**

Harold Peterson
Office of Nuclear Regulatory Research
Washington, DC 20555
301 427-4578



II PETITIONS







A



(A) - Petitions incorporated into final rules
or denied since February 28, 1983

PETITION DOCKET NUMBER: PRM-20-13

PETITIONER: Victor E. Anderson

PART: 20

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: February 28, 1979 (44 FR 11284)

SUBJECT: Certification of Health Physics Personnel

SUMMARY: Description. The petitioner requests that the Commission require Health Physics personnel to be certified by the Commission. The requirement would provide for the certification of the Health Physicist on five levels: Trainee, Junior, Senior, Supervisor, and Master Health Physicist. Only individuals certified by the Commission would make surveys, evaluations, and decisions on matters of radiation protection. A licensee could not override the decision of a certified Health Physicist except in cases where the decision is a violation of Federal regulations.

Objective. To assure the public and workers of adequate radiation protection.

Background. The comment period closed April 30, 1979. Fifty-eight comments were received. Fifty-two comments opposed the petition. Most of the comments were from industry. The petitioner withdrew the petition because several developments during the past few years will probably achieve the objectives of the petition. The developments included publication of draft NUREG-0761, "Radiation Protection Plans for Nuclear Power Reactor Licensees;" Revision 4 to Regulatory Guide 8.8 on radiation safety officer qualifications; establishment of the NRC Health Physics Appraisal program; and efforts by INPO/industry in dose reduction.

TIMETABLE: Action completed. The petition was withdrawn on April 18, 1983 (48 FR 16499).

CONTACT: Alan K. Roecklein
Office of Nuclear Regulatory Research
(301) 443-5970

PETITION DOCKET NUMBER: PRM-50-17

PETITIONER: Boston Edison Company, et al.

PART: 50

OTHER AFFECTED PART(S): 2

FEDERAL REGISTER CITATION: June 14, 1976 (41 FR 24006)

SUBJECT: Standards for Determining Whether License Amendments Involve No Significant Hazards Consideration

SUMMARY: Description. The petitioners request that the Commission amend its regulations to include criteria that would be used in making a determination as to when a proposed amendment to an operating license involves no "significant hazards consideration."

Objective. The petitioners state that adoption of their proposed criteria would help reduce the uncertainty and unnecessary delay in the Commission's procedures for approving license amendments without compromising the rights of members of the public to participate in Commission proceedings involving significant safety considerations.

Background. The comment period closed August 13, 1976. Ten comments were received. The comments were evenly divided for and against the petition. The Commission approved issuance of a proposed rule in response to the petition that was published in the Federal Register on March 28, 1980 (45 FR 20491). Work on this petition was delayed because of commitment of staff to TMI-related work. A court decision in the case of Sholly v. NRC, 651 F. 2d 780 (1980), rehearing denied 651 F. 2d 792 (1980), and legislation passed by Congress (Pub. L. 97-415, NRC FY 82/83 Authorization Bill) have influenced this action. The petition was denied in the notice for the interim final rule, "Standards for Determining Whether License Amendments Involve No Significant Hazards Consideration," published in the Federal Register on April 6, 1983 (48 FR 14864).

TIMETABLE: Action completed. The notice of denial was published on April 6, 1983 (48 FR 14864).

CONTACT: Thomas F. Dorian
Office of the Executive Legal Director
(301) 492-8690

PETITION DOCKET NUMBER: PRM-50-35

PETITIONER: Union of Concerned Scientists

PART: 50

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: November 18, 1982 (47 FR 51889)

SUBJECT: Offsite Emergency Planning Prior to Issuance of Full Power License

SUMMARY: Description. The petitioner requests that the Commission amend its regulations to clarify the public's litigation rights in regard to offsite emergency planning for a nuclear power plant prior to issuance of a full power operating license. The petitioner contends that its proposed amendment is necessary because the current regulations provide that operating licenses for fuel loading or operation at up to 5% of rated power may be issued without NRC or FEMA review, findings, or determinations concerning the state of offsite emergency preparedness or the adequacy of and capability to implement state and local offsite emergency plans. In addition, the petitioner states that the regulations make no provision for completion of adjudicatory hearings on the sufficiency of offsite planning before a full power license is issued.

Objective. To clarify the provisions of the regulations governing public participation and litigation rights in emergency planning issues prior to issuance of a full power license.

Background. The comment period closed January 17, 1983.

TIMETABLE: Action completed. The notice of denial was published on April 19, 1983 (48 FR 16691).

CONTACT: Michael T. Jamgochian
Office of Nuclear Regulatory Research
(301) 443-5942





B



(B) - Petitions incorporated into proposed rules

PETITION DOCKET NUMBER: PRM-20-7

PETITIONER: Natural Resources Defense Council, Inc.

PART: 20

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: September 23, 1976 (41 FR 41759)

SUBJECT: Shallow Land Disposal of Low-Level Radioactive Waste

SUMMARY: Description. The petitioner requests that the Commission amend regulations to set interim standards for shallow land disposal of low-level radioactive wastes. The petitioner proposes that the regulations require (1) the transfer of regulatory authority for long-lived transuranic waste (TRU) from the states to NRC, (2) a moratorium on new or enlarged burial site licensing pending the establishment of certain requirements, (3) payment of fees by persons who produce TRU waste to finance safe permanent disposal, (4) the solidification of all radioactive wastes before shipment, and (5) the preparation of a generic environmental impact statement. These regulations are needed to ensure safe disposal of long-lived radioactive wastes.

Objective. To provide interim measures needed to preserve the capability to dispose safely of low-level wastes until the necessary studies and environmental impact statement are completed for a long-term regulation.

Background. The comment period closed on November 22, 1976. Fourteen of the fifteen responses from industry recommended denial of the petition. The NRC staff analyzed the petition and concluded that no compelling potential health and safety hazard existed to warrant immediate NRC reassumption of regulatory authority from the states, or immediate implementation of interim regulations as proposed by the petitioner. Consequently, a notice denying immediate issuance of interim requirements for shallow land disposal of radioactive wastes was issued by the Commission and published in the Federal Register on July 25, 1979 (44 FR 4354). However, several issues raised by the petitioner are being considered as part of a comprehensive rulemaking affecting 10 CFR Part 61 entitled "Licensing Requirements for Land Disposal of Radioactive Waste."

The final rule addressing these issues was approved by the Commission on October 28, 1982, and published in the Federal Register December 27, 1982 (see 47 FR 57446). The final Environmental Impact Statement was published in November 1982.

TIMETABLE: A notice addressing the disposition of this petition is being prepared.

CONTACT: Kenneth Jackson
Office of Nuclear Material Safety and Safeguards
(301) 427-4055

PETITION DOCKET NUMBER: PRM-50-22

PETITIONER: Public Interest Research Group, et al.

PART: 50

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: August 8, 1977 (42 FR 40063)

SUBJECT: Decommissioning of Nuclear Power Plants

SUMMARY: Description. The petitioners request that the Commission amend its regulations to require nuclear plant operators to post bonds before each plant's operation to insure that funds will be available for isolation of radioactive material upon decommissioning. The petitioners state that their proposal would insure that power companies which operate reactors, rather than future generations, bear the cost of decommissioning. The petitioners also request that the Commission amend its regulations to require that operators of nuclear power plants already in operation be required to establish plans and immediately post bonds to insure proper decommissioning.

Objective. Since decommissioning will not occur until after the 40-year operating license has expired and may require substantial capital expenses for hundreds of years thereafter, the petitioners seek to ensure that companies which are now financially stable continue to have the capacity to pay decommissioning and guardianship costs when necessary.

Background. The original comment period closed October 7, 1977, but was extended to January 3, 1978. Sixty-two comments were received, a majority of which oppose the petition. A notice denying the petition in part was published in the Federal Register on June 22, 1979 (44 FR 36523). The partial denial covered that part of the petition seeking an immediate rulemaking requiring the posting of surety bonds. Other issues and funding alternatives raised in the petition have been incorporated into the ongoing rulemaking on Decommissioning Criteria for Nuclear Facilities (see page 57). An advance notice of proposed rulemaking for that proceeding was published on March 13, 1978 (43 FR 10370). The NRC staff issued a draft Environmental Impact Statement (EIS) on decommissioning in January 1981.

TIMETABLE: Commission action on a proposed rule is scheduled for December 1983.

CONTACT: Catherine Mattsen
Office of Nuclear Regulatory Research
(301) 443-5910

PETITION DOCKET NUMBER: PRM-50-29

PETITIONER: Electric Utilities

PART: 50

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: November 4, 1980 (45 FR 73080)
Supplement to petition published
February 3, 1981 (46 FR 10501)

SUBJECT: Anticipated Transients Without Scram (ATWS)

SUMMARY: Description. The petitioners request that the Commission initiate a rulemaking proceeding on the issue of Anticipated Transients Without Scram (ATWS) that has been designated as an Unresolved Safety Issue by the Commission. An ATWS event takes place if an abnormal operating condition ("anticipated transient") occurs at a nuclear power plant that should cause the reactor protection system to initiate a rapid shutdown ("scram") of the reactor, but the reactor shutdown system fails to function. The petitioners specifically ask that the Commission either proceed with a notice and comment rulemaking using the petitioners' own proposed ATWS regulation or conduct formal evidentiary hearings using adjudicatory procedures supplied by the petitioner. The petitioners filed a supplement to the petition, dated January 5, 1981, that contained a proposed Appendix to 10 CFR Part 50 which the petitioners asked the Commission to consider in connection with PRM-50-29. The proposed Appendix addresses the issue of Criteria for Evaluation of Scram Discharge Volume Systems for Boiling Water Reactors.

Objective. To resolve the ATWS issue.

Background. The comment period closed January 5, 1981. Seventeen comments were received, the majority of which supported the petition. The Commission approved publication of a proposed rule subject to certain modifications on June 16, 1981, to obtain public comment on two NRC staff versions of an ATWS proposed rule (see page 33 and Federal Register notice published November 24, 1981, 46 FR 57521) and extended the comment period for the petition to include it for consideration as a third option. In response to numerous significant comments received on the petition and the proposed rule, the staff is developing a revised proposed rule in order to obtain additional input from the public on one element of the ATWS issue. Future action on the petition will be linked to staff response to public comments received on the revised proposed rule. In addition, a number of elements of the ATWS issue has resulted in development of a final rule.

TIMETABLE: Commission action on the revised proposed ATWS rule
and a final ATWS rule is scheduled for August 1983.

CONTACT: David W. Pyatt
Office of Nuclear Regulatory Research
(301) 443-5921

PETITION DOCKET NUMBER: PRM-71-1, PRM-71-2, PRM-71-4

PETITIONER: Energy Research and Development Administration (ERDA)/DOE
(PRM-71-1)
American National Standards Inst. Committee N14 (PRM-71-2)
Chem-Nuclear Systems, Inc. (PRM-71-4)

PART: 71

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: PRM-71-1, September 22, 1975 (40 FR 43517);
PRM-71-2, April 15, 1976 (41 FR 15921); and
PRM-71-4, January 27, 1977 (42 FR 5149).

SUBJECT: Exemption of "Low Specific Activity
Material" from the Requirements of Part 71.

SUMMARY: Description. The petitioners requested that the Commission amend its regulations at §§71.7 and 71.10 to exempt "low specific activity material," as defined in §71.4(g), from the requirements of Part 71. The petitioners stated that the Department of Transportation (DOT) Hazardous Materials Regulations, 49 CFR 170-189, provide a specific exemption for "low specific activity material" in which these materials are exempted from the normal packaging requirements. Petitioners further stated that this exemption would make Part 71 more consistent with both the 1967 regulations of the International Atomic Energy Agency (IAEA) and with the 1972 revised edition of the IAEA regulations.

Objective. To exempt "low specific activity material" from the packaging requirements of 10 CFR Part 71 to achieve compatibility among the regulations of the NRC, DOT, and IAEA.

Background. Comments were received on these petitions over a period of one and one-half years. Altogether, five favorable comments were received. In July 1979, the Commission approved a proposed revision (SECY-79-192) to the NRC transportation regulations in 10 CFR Part 71 to make them more compatible with those of the IAEA, including the requested revision to §71.7 to exempt "low specific activity material" from the requirements of Part 71. The proposed rule change was published in the Federal Register on August 17, 1979 (44 FR 48234). During the development of the final rule, however, the transportation program office (NMSS) reversed its earlier decision to exempt "low specific activity material" from Part 71 until a deficiency in the rule is corrected and directed that action on the petitions be delayed until a new rulemaking action is initiated to correct the deficiency. That new proposed rule is scheduled for completion by December 1983.

TIMETABLE: Commission action on the petition is scheduled
for December 1983.

CONTACT: Donald R. Hopkins
Office of Nuclear Regulatory Research
(301) 443-5825

PETITION DOCKET NUMBER: PRM-71-3

PETITIONER: Diagnostics Isotopes, Inc.

PART: 71

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: November 15, 1976 (41 FR 50359)

SUBJECT: Addition of Lead-201 to Transport Group IV

SUMMARY: Description. The petitioner requests that the Commission amend Appendix C to Part 71 to include lead-201 in Transport Group IV, which is one of seven groups into which radionuclides in normal form are classified according to their toxicity and their relative potential hazard in transport. The petitioner states that lead-201, due to its short half-life of 9.4 hours, decays into its daughter radionuclide, thallium-201, which is currently listed in Transport Group IV. As a result of this rapid transformation, the time spent in transporting lead-201 can also be utilized in the buildup of thallium-201, a substance important in clinical nuclear medicine.

Objective. To add lead-201 to Transport Group IV, Appendix C to Part 71. The petitioner noted that thallium-201 was already listed in Group IV of Appendix C and because of the fact that lead-201 decays into thallium-201, the petitioner recommended including the lead radionuclide in the same grouping.

Background. The comment period closed January 14, 1977, with no public comments received. In September 1979, the petitioner was advised that the proposed amendments to 10 CFR Part 71, which were published in the Federal Register on August 17, 1979 (44 FR 48234), would be responsive to its petition for rulemaking. Since that time, the draft final rule for Part 71 has been circulated to the staff for review. This document is still undergoing staff review (see page 49).

TIMETABLE: Commission action on the petition is scheduled for June 1983.

CONTACT: Donald R. Hopkins
Office of Nuclear Regulatory Research
(301) 443-5825

(C) - Petitions pending staff review

PETITION DOCKET NUMBER: PRM-20-6

PETITIONER Natural Resources Defense Council, Inc.

PART: 20

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: October 29, 1975 (40 FR 50327)

SUBJECT: Radiation Protection Standards

SUMMARY: Description. The petitioner requests that the Commission amend its radiation protection standards as they apply to the maximum permissible whole body dose equivalent for occupational exposure. Specifically, the petitioner requests (1) that for individuals under the age of 45, the whole body radiation exposure limit would not exceed 0.5 rem in any calendar year and 0.3 rem in any calendar quarter and (2) that individuals over 45 years of age may receive up to 3 rems per quarter whole body dose as long as the whole body dose does not exceed $0.5(M-18) + X(N-M)$ rem (where M is not less than 45, N equals the individual's age in years and X is calculated to reduce the cumulative somatic risk by a factor of 6 below the cumulative somatic risk associated with exposure at 5 rem/year from age 18). The petitioner also requests that hearings be held to determine the "as low as practicable" extent to which the exposures can be maintained below the proposed regulations.

Objective. To reduce the genetic risk associated with radiation exposure at the occupational level by a factor of 10 and to reduce the somatic risk by a factor of 6.

Background. The initial comment period closed December 29, 1975, but was extended to February 12, 1976. The comments received included three letters supporting the petition, one proposing an alternative set of reduced limits, and 52 opposing the petition. The petitioner filed a supplement to the petition, dated November 4, 1977, requesting the consideration of recent epidemiological studies. This issue will be included in the hearing on occupational radiation protection to be jointly sponsored by EPA, NRC, and OSHA. The staff presented a paper to the Commission on August 17, 1978. The tentative staff position was that the petitioner's request to lower the occupational dose limits should be denied, but the staff is deferring its final recommendation until the public hearing has been held. Proposed EPA guidance was published in the Federal Register on January 23, 1981. EPA/NRC/OSHA hearings were held in April 1981. The question of occupational dose limits is being addressed by the staff in work on the revision of 10 CFR Part 20 (see page 55). This petition has been combined with PRM-20-6A from Rosalie Bertell (see page 121) that addresses the same

issues. A response to this petition and PRM-20-6A will be prepared following Commission action on the revised Part 20 rule.

TIMETABLE: Commission action on the final rule is scheduled for November 1983.

CONTACT: Robert E. Baker
Office of Nuclear Regulatory Research
(301) 427-4570

PETITION DOCKET NUMBER: PRM-20-6A

PETITIONER: Rosalie Bertell

PART: 20

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: August 21, 1978 (43 FR 37018)

SUBJECT: Standards for Protection Against Radiation

SUMMARY: Description. The petitioner requests that the Commission (1) amend its Standards for Protection Against Radiation as they apply to the maximum whole body dose equivalent for occupational exposures to ionizing radiation, (2) include in 10 CFR Part 20 those diseases that indicate above-normal susceptibility to leukemia or radiation damage, and (3) review in one hearing this petition consolidated with the petition (PRM-20-6) filed by the Natural Resources Defense Council, Inc. The petitioner states that the requested amendment in item (1) would have the same effect, measured by the reduction of the individual's biological ability to cope with chronic and malignant disease, as would be achieved by reducing the current maximum whole body dose for occupational exposure by a factor of 50.

Objective. To reduce the current permissible whole body dose equivalent for occupational exposure by a factor of 50.

Background. The comment period expired October 20, 1978. Four comments were received, one favoring and three opposing the petition. This petition has been combined with an earlier petition (PRM-20-6) from the National Resources Defense Council, Inc., that addresses the same issues (see page 119). The issue of occupational dose limits is presently being addressed by the staff in work on the revision of 10 CFR Part 20 (see page 55). A response to this petition and PRM-20-6 will be prepared following Commission action on the revised Part 20 rule.

TIMETABLE: Commission action on a final rule is scheduled for November 1983.

CONTACT: Robert E. Baker
Office of Nuclear Regulatory Research
(301) 427-4570

PETITION DOCKET NUMBER: PRM-30-55

PETITIONER: State of New Jersey, Department of Environmental Protection

PART: 30

OTHER AFFECTED PART(S): 31, 32, 33

FEDERAL REGISTER CITATION: August 11, 1977 (42 FR 40791)

SUBJECT: Radiation Standards for Uses of Byproduct Material

SUMMARY: Description. The petitioner requests that the Commission initiate a rulemaking proceeding for the purpose of adopting new national standards for users of radioactive byproduct materials. The petitioner states that the Commission Radiation Standards for byproduct material facilities and nuclear power plants differ drastically. The petitioner states that a nuclear power plant's sophisticated control equipment is designed to handle different types of potential accidents and still keep radiation exposure to the public within acceptable limits, while a byproduct material facility (e.g., radiopharmaceutical plant) does not have the same capabilities. Furthermore, the petitioner states that because byproduct material plants have unrestricted siting, more people are in the vicinity of a byproduct facility than a nuclear power plant and would be affected by radiation exposure resulting from an accident.

Objective. The petitioner proposes that the Commission take the following actions to reduce unnecessary public exposure to radioactive substances emitted from byproduct material facilities:

1. Establish criteria to quantify the "as low as reasonably achievable" emission reduction policy for major facilities using byproduct materials from man-made fission reactions and require existing plants to meet these criteria.
2. Establish siting criteria for these facilities that would form a basis for evaluating the acceptability of new plant locations in terms of radiation doses to the public.
3. Require new and existing byproduct facilities to develop and implement offsite environmental surveillance programs to provide information on levels of radioactivity in the environment around these facilities.

Background. The comment period closed October 11, 1977. Six comments were received, all opposing the petition. The staff is developing a final position on the petition. This petition has been combined with an earlier petition (PRM-50-10) from the State of New Jersey that deals with similar issues (see page 128).

TIMETABLE: Commission action on the petition is scheduled for
June 1983.

CONTACT: Richard P. Grill
Office of Nuclear Regulatory Research
(301) 427-4106

PETITION DOCKET NUMBER: PRM-30-58

PETITIONER: U. S. Department of Commerce, National Bureau of Standards

PART: 20

OTHER AFFECTED PART(S): 30, 40, 70

FEDERAL REGISTER CITATION: July 10, 1981 (46 FR 35662)

SUBJECT: Radioactive Material from Environmental Sources

SUMMARY: Description. The petitioner requests that the Commission initiate a rulemaking proceeding that would exempt radioactive material obtained directly or indirectly from environmental sources from specific license application requirements. Because of the plutonium and americium content of soil or tissue, an environmental sample, once it has passed from the original licensee to another party, is subject to all licensing requirements. The petitioner states that this licensing interpretation appears to apply to any sample extracted from the earth by anyone because of the residual plutonium and americium content.

Objective. The petitioner proposes alternative amendments to NRC regulations that would exempt from licensing requirements radioactive material obtained from environmental samples, i.e., soil, water, air, biota. The first alternative, a broad amendment, would indicate that radioactive material derived from the sampling of environmental sources would not be subject to licensing provisions (environmental sources would not include mining and milling operations and their associated wastes). The second alternative, a specific amendment, would specify the amount of plutonium and americium content subject to licensing provisions.

Background. The comment period closed September 8, 1981. Three comments were received. The petitioner's request stems from its intent to provide a variety of environmental standards that would be collected from numerous places in North America, assayed as to content for a number of isotopes, and packaged for sale as standards. Under existing regulations and NRC's licensing interpretation, this process could require license applications to the NRC.

TIMETABLE: The staff proposal in response to this petition is scheduled for submission to the Commission in September 1983.

CONTACT: Anthony Tse
Office of Nuclear Regulatory Research
(301) 443-5825

PETITION DOCKET NUMBER: PRM-34-3

PETITIONER: Chicago Bridge and Iron Company

PART: 34

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: November 23, 1982 (47 FR 52722)

SUBJECT: Final Radiation Survey of a Radiographic Exposure Device

SUMMARY: Description. The petitioner proposes an amendment to Commission regulations that would specify added requirements for the last radiation survey of a radiographic exposure device that is made after the device has been used. The petitioner would require that the survey be made by a radiation survey instrument at a point on the surface of the device while the device is stored. This survey would occur at or near the place of storage and would become the recorded survey. Currently, the regulations specify only that the last survey made after the device is used be recorded. The petitioner contends that the suggested amendments would indicate safe storage of the device and provide a more accurate record.

Objective. To provide a recorded survey that would be useful in determining that the radiographic exposure device is stored with the sealed source in its safe location in the device.

Background. The comment period expired January 24, 1983. The petitioner has been licensed by the NRC since 1968 and has had as many as 100 exposure devices in operation at one time in various parts of the world.

TIMETABLE: Commission action on the petition is scheduled for August 1983.

CONTACT: Norman L. McElroy
Office of Nuclear Regulatory Research
(301) 443-5970

PETITION DOCKET NUMBER: PRM-35-2

PETITIONER: The American Association of Physicists in Medicine

PART: 35

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: January 29, 1982 (47 FR 4311)

SUBJECT: Intervals Between Required Dosimetry System Calibrations

SUMMARY: Description. The petitioner proposes that the Commission amend its regulations to permit an interval longer than two years between required calibrations of a dosimetry system that is used to perform calibration measurements on a teletherapy unit, as long as suitable dosimetry system verification checks are carried out. The petitioner also recommends, as an interim measure, that a variance be granted to licensed teletherapy users who are unable to have instruments calibrated within the required period. Current regulations require calibration measurements using a dosimetry system that has been calibrated by the National Bureau of Standards or an accredited Regional Calibration Laboratory within two years and after any servicing that may have affected system calibration. The petitioner indicates that as a result of this requirement and the limited number of instruments that may be calibrated by an approved organization, the waiting period for instrument calibration is currently about six months and expected to increase.

Objective. The petitioner proposes a regulation that would allow a longer interval between calibrations while providing for suitable dosimetry system verification checks. The petitioner's proposed alternative is intended to reduce the six-month waiting period for instrument calibration without adversely affecting dosimetry system reliability.

Background. The comment period closed March 30, 1982. The staff met with representatives of the National Bureau of Standards on January 21, 1982, to discuss the extent of and reasons for the instrument calibration backlog. Any amendment to Part 35 that may result from this petition for rulemaking would be incorporated into the proposed revision of Part 35 currently in progress. Affected licensees will receive relief in the form of rulemaking or variances as an interim solution until the Part 35 revision is complete (see page 79).

TIMETABLE: Commission action on the proposed amendment incorporating the petition is scheduled for June 1983.

CONTACT: Deborah A. Bozik
Office of Nuclear Regulatory Research
(301) 427-4566

PETITION DOCKET NUMBER: PRM-50-10

PETITIONER: State of New Jersey Nuclear Energy Council

PART: 50

OTHER AFFECTED PART(S): 30, 40, 55, 70, 100

FEDERAL REGISTER CITATION: May 6, 1974 (39 FR 15900);
July 11, 1974 (39 FR 25525)

SUBJECT: Safety and Licensing Requirements

SUMMARY: Description. The petitioner requests that the Commission amend its regulations in Parts 50 and 70 to require that licensees who routinely handle large quantities of byproduct material be made subject to emergency planning requirements and, in addition, to require that these licensees clearly identify the material involved, exposure pathways, and populations at risk as a result of licensed activities. In Part 100, the petitioner requests that the exclusion area criteria be amended, the population zone criteria be reviewed, and that radiation release protective action levels set by EPA or individual states be incorporated by reference. The petitioner requests that the exclusion of the "Class 9 accident" from consideration in Part 50 reactor licensing procedures be eliminated when new or novel siting or design considerations are involved, and that due consideration be given to countermeasures for the "Class 9 accident" (a "Class 9 accident" occurs at a nuclear reactor when the fuel core melts). The petitioner also requested that reactor operators undergo training and periodic reexamination and that the scope of Part 55 be expanded to cover health physicists assigned to reactor sites and operators of waste disposal facilities.

Objective. To increase the level of assurance that accidents at nuclear facilities can be prevented and, in the event of an accident, to ensure that the consequences are mitigated.

Background. The comment period closed on July 5, 1974. Six comments were received. The petitioner withdrew the requested change concerning reactor personnel qualification. The petitioner has agreed that its requested change concerning health physicists was satisfied by the Commission's issuance of regulatory guides. Part of the petitioner's request concerning emergency planning for Part 70 licensees was addressed in a final rule published in the Federal Register on March 31, 1977 (42 FR 17125). The petitioner has agreed that action on the "Class 9 accident" issue should await completion of the liquid pathways study. The petitioner's request concerning emergency planning

for Part 50 licensees was incorporated into a final rule published in the Federal Register on June 3, 1981 (46 FR 29712). The petitioner's requests concerning "Class 9 accidents," emergency planning and siting criteria for Parts 30, 40, and 70 licensees, and revisions to Part 100 are the subject of current NRC staff reviews. This petition has been combined with another petition from the State of New Jersey (PRM-30-55) that deals with similar issues (see page 122).

TIMETABLE: Commission action on the petition is scheduled for June 1983.

CONTACT: Richard P. Grill
Office of Nuclear Regulatory Research
(301) 427-4106

PETITION DOCKET NUMBER: PRM-50-21

PETITIONER: Northern States Power Company and Wisconsin
Electric Power Company

PART: 50

OTHER AFFECTED PART(S): 2

FEDERAL REGISTER CITATION: July 21, 1977 (42 FR 37458)

SUBJECT: Plant Security Information

SUMMARY: Description. The petitioners request that the Commission amend its regulations (1) in §50.34(c) to include plant security information within the definition of Restricted Data, or alternatively within the definition of National Security Information; (2) in §2.905 to ensure that discovery of plant security information is subject to the protections of Subpart I to Part 2; (3) in Subpart I to Part 2 to explicitly recognize that the protections required by the Subpart extend to information not under Commission control; and (4) to delete §2.790(d)(1) that currently could permit disclosure of plant security information without the protections of Subpart I to Part 2.

Objective. To protect plant security information from unauthorized disclosure and to ensure that licensees' security plans are not compromised.

Background. The comment period closed September 19, 1977. Twelve comments were received, nine of which endorsed the petition. Consideration to grant the petition was under review based on Pub. L. 96-295 (NRC FY 80 Authorization Bill) that amended the Atomic Energy Act by adding Section 147, "Safeguards Information," which directs the Commission to prescribe regulations or issue orders to prohibit the unauthorized disclosure of safeguards information that specifically identifies the licensees' or applicants' detailed security measures, etc. The NRC staff is currently preparing a response to the petition.

TIMETABLE: Commission action on the petition is scheduled for November 1984.

CONTACT: Kristina Z. Markulis
Office of Nuclear Regulatory Research
(301) 443-5976

PETITION DOCKET NUMBER: PRM-50-24

PETITIONER: John F. Doherty

PART: 50

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: August 16, 1979 (44 FR 47997)

SUBJECT: Objects Falling From Earth Orbit

SUMMARY: Description. The petitioner requests that the Commission adopt a regulation which would state that it is the duty of the Commission to inform all holders of Class 103 licenses (production and utilization facility licensees) of any announcement by any Federal agency or department of predicted or expected falling objects from earth orbit, whether the falling object is the responsibility of the announcing agency or the responsibility of a foreign nation. The petitioner also requests that the Commission adopt a regulation which specifies that the Commission's duty is to issue the initial warning and then continue to inform and advise the affected licensees until a prediction of the most likely impact areas can be issued by the responsible department or agency. The petitioner requests that the Commission order plants near the probable impact area to be shut down.

Objective. To prepare for a possible occurrence of a situation similar to the Skylab incident where orbiting objects of considerable size are expected to fall to earth with considerable force.

Background. The comment period closed October 1, 1979. Since the petition was of a minor nature and the grounds of denial do not substantially modify existing precedent, the Executive Director for Operations approved publication of a denial of the petition on April 6, 1983.

TIMETABLE: The denial is to be published in June 1983.

CONTACT: Barry Zalcman
Office of Inspection and Enforcement
(301) 492-4740

PETITION DOCKET NUMBER: PRM-50-25, PRM-50-25A

PETITIONER: State of Illinois and the Porter County Chapter of the
Izaak Walton League of America, Inc., et al.

PART: 50

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: February 4, 1980 (45 FR 7653)

SUBJECT: Extension of Construction Completion Date

SUMMARY: Description. The petitioners filed essentially identical petitions which request that the Commission amend its regulations in Part 50, §50.55, to require that a "good cause" proceeding concerning a requested amendment of a construction permit to exceed the latest construction completion date must consider whether a permittee has shown good cause for the continued construction of a nuclear power plant in light of all the circumstances at the time the application is considered. The petitioners further request that the Commission determine that "good cause" is not limited to the reasons why construction was not completed by the latest completion date in the construction permit.

Objective. To prevent frustration of the statutory purposes of Section 185 of the Atomic Energy Act of 1954, as amended, which permits the extension of the completion date for construction of a nuclear power plant only for good cause shown.

Background. The comment period closed April 4, 1980. Six comments were received, including two from the petitioners on jurisdictional issues. Comments filed by parties other than the petitioners opposed the petition. The Atomic Safety and Licensing Board (ASLB) and the Commission have ruled on the "good cause" issue which is the subject of this petition. The matter was alluded to in the Bailly case before the U.S. Court of Appeals. The staff is preparing a proposal for the Commission.

TIMETABLE: The staff proposal is scheduled for submission to the Executive Director for Operations in August 1983,

CONTACT: Linda Gilbert
Office of the Executive Legal Director
(301) 492-7678

PETITION DOCKET NUMBER: PRM-50-31

PETITIONER: Citizens' Task Force

PART: 50

OTHER AFFECTED PART(S): 70

FEDERAL REGISTER CITATION: March 24, 1982 (47 FR 12639)

SUBJECT: Emergency Preparedness

SUMMARY: Description. The petitioner requests that the Commission amend its regulations to require that (1) the present ten-mile EPZ radius be extended to twenty miles and include any towns bordering on or partially within this zone; (2) all communities with a population in excess of 5,000 persons be provided by the respective utility with the funding to purchase, install, and operate radiological monitoring equipment to reach and maintain the level of preparedness deemed necessary by the affected municipalities; and (3) utilities be required to finance the emergency planning efforts of municipalities located near nuclear reactors.

Objective. To establish an effective notification and evacuation system in communities located near nuclear reactors.

Background. The comment period closed May 24, 1982.

TIMETABLE: Commission action on the response to the petitioner is scheduled for May 1984 (to be coordinated with the severe accident research program).

CONTACT: Stephen A. McGuire
Office of Nuclear Regulatory Research
(301) 443-5942

PETITION DOCKET NUMBER: PRM-50-32, PRM-50-32A, PRM-50-32B

PETITIONER: Ohio Citizens for Responsible Energy;
Marvin I. Lewis; and Mapleton Intervenors

PART: 50

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: June 24, 1982 (47 FR 27371); November 24,
1982 (47 FR 53030)

SUBJECT: Protection Against the Effects of Electromagnetic
Pulse (EMP)

SUMMARY: Description. The petitioners request that the Commission amend its regulations to require applicants for construction permits and operating licenses for nuclear power plants to provide for design features to protect against the effects of electromagnetic pulse (EMP). The petitioners state that electromagnetic pulses are generated by high altitude nuclear explosions and could cause current or voltage to flow through electricity-conducting materials, thereby either destroying or temporarily disrupting control systems in a nuclear power plant that are essential for safety.

Objective. To ensure that structures, systems, and components of nuclear power plants that are important to safety are protected against the effects of electromagnetic pulse.

Background. The original comment period for PRM-50-32 closed August 23, 1982. Fifteen letters of comment were received plus three requests for extension of the comment period. In the Federal Register notice of receipt for PRM-50-32A and PRM-50-32B, which requested public comment for a 60-day period ending January 24, 1983, the Commission reopened the comment period for PRM-50-32 to run concurrently with the comment period for PRM-50-32A and PRM-50-32B. Seventy-five additional comments were received during this comment period. The staff is reviewing the comments. Staff action is scheduled following Commission review of the staff's report on the effects of EMP on nuclear power plant systems.

TIMETABLE: The report has been submitted to the Executive Director for Operations. Commission review of the report on effects of EMP on nuclear power plant systems is expected in June 1983. Staff action on the petitions is scheduled for July 1983.

CONTACT: Faust Rosa
Office of Nuclear Reactor Regulation
(301) 492-7141

PETITION DOCKET NUMBER: PRM-50-33

PETITIONER: National Emergency Management Association

PART: 50

OTHER AFFECTED PARTS: None

FEDERAL REGISTER CITATION: July 6, 1982 (47 FR 29252)

SUBJECT: Emergency Training Exercises at Nuclear Power Plants
Involving State and Local Governments

SUMMARY: Description. The petitioner requests that the Commission amend Appendix E to Part 50 to reduce the current requirement for an annual emergency training exercise at a nuclear power plant with full-scale participation of state and local agencies. The petitioner proposes that the training exercises be held at less frequent intervals with varying degrees of participation. The petitioner's proposed amendment would require an emergency training exercise (1) at least once every 2 years with full participation by local agencies and partial participation by States within the plume exposure emergency planning zone (EPZ) and (2) at least once every 7 years with full participation by local agencies within the plume exposure EPZ and State agencies within the plume exposure and ingestion EPZ. Exercises should be held more frequently than every 7 years if necessary to include each State within a plume exposure pathway EPZ at least once every 2 years.

Objective. To reduce the frequency of emergency training exercises at nuclear power plants and the degree of involvement of State and local governments from the current requirement for an annual full-scale exercise.

Background. The petitioner, NEMA, which is comprised of directors of State emergency services programs acknowledges the need for appropriate plans, training, drills, and exercises to prepare for emergencies. However, the petitioner believes that the current requirement for full-scale local and State participation in an annual emergency preparedness exercise is placing an impossible financial burden on State resources.

TIMETABLE: Commission action on the petition is scheduled for May 1983.

CONTACT: Michael T. Jamgochian
Office of Nuclear Regulatory Research
(301) 443-5942

PETITION DOCKET NUMBER: PRM-50-34

PETITIONER: State of South Carolina

PART: 50

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: November 10, 1982 (47 FR 50918)

SUBJECT: Frequency of Nuclear Power Plant Emergency Training Exercises
Requiring Local Government Agency Participation

SUMMARY: Description. The petitioner proposes that the Commission's regulations be amended to reduce the frequency of nuclear power plant emergency training exercises that involve the participation of local government agencies. The petitioner contends that the requirement for annual participation in emergency training exercises for local governments within a plume exposure pathway EPZ places an undue burden on trained volunteer participants and a financial burden on local government resources. The petitioner states that while the county in which a nuclear power reactor is located derives revenue from the reactor owner to help offset the cost of an annual full-scale exercise, other affected counties derive little or no revenue from the reactor owner, and, for these counties, the cost of an annual full-scale exercise is an additional expense.

Objective. To reduce the frequency of nuclear power plant emergency training exercises requiring local government agency participation and, thus, reduce the burden on volunteer participants and local government financial resources.

Background. The comment period closed January 10, 1983.

TIMETABLE: Staff recommendations are scheduled for review by the Commission in May 1983.

CONTACT: Michael T. Jamgochian
Office of Nuclear Regulatory Research
(301) 443-5942

PETITION DOCKET NUMBER: PRM-51-6

PETITIONER: Catherine Quigg

PART: 51

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: April 15, 1980 (45 FR 25557)

SUBJECT: Generic Environmental Impact Statement for High Burnup
Nuclear Fuel

SUMMARY: Description. The petitioner requests that the Commission amend its regulations to require the preparation of a generic environmental impact statement for high burnup nuclear fuel as used in commercial nuclear reactors, stored in spent fuel pools or cooling racks, or, potentially, processed in reprocessing plants or disposed of in permanent sites. The petitioner states that with the decision not to reprocess nuclear fuel, the Federal government and the utilities want to use more uranium in existing nuclear fuel in reactors across the country. The petitioner expresses concern that cited experiments in high fuel burnup will lead to a national program of high burnup of nuclear fuel in reactors without adequately considering potential long- and short-term environmental effects.

Objective. The petitioner proposes (1) that the Commission amend 10 CFR Part 51 to require that a GEIS be prepared and (2) that the Commission require a generic environmental impact statement for high burnup nuclear fuel. The petitioner believes this regulation is necessary to adequately protect public health and safety. The petitioner believes an environmental statement is necessary to adequately examine the following significant effects that use of high burnup fuel could have on the environment: (1) greater fission gas releases from nuclear reactors; (2) increased fission gas releases from spent fuel pools; (3) production of inferior grade spent nuclear fuel; (4) potential for greater radiological impact in reactor and spent fuel pool accidents; and (5) increased radioactive releases during reprocessing.

Background. The comment period closed June 16, 1980. Fourteen comments were received, the majority in opposition to the petition. The petitioner believes that studies and reports based on low burnup fuel may not be relevant when applied to high burnup fuel and that the Commission has no adequate basis for its negative declaration that higher burnups would have no significant environmental impact.

TIMETABLE: Commission action on the petition is scheduled for
January 1984.

CONTACT: Frank Swanberg
Office of Nuclear Regulatory Research
(301) 427-4626

PETITION DOCKET NUMBER: PRM-70-6

PETITIONER: Eberline Instrument Corporation

PART: 70

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION August 18, 1977 (42 FR 41675)

SUBJECT: Air Transport of Plutonium

SUMMARY: Description. The petitioner requests that the Commission approve the air transport of calibration or reference sources (1) that are generally licensed pursuant to §70.19 and manufactured pursuant to a specific license issued by the Commission under §70.39 or (2) that are, in accordance with the specifications contained in a specific license, issued to the manufacturer by an Agreement State that authorizes manufacture of the sources for distribution to persons generally licensed by the Agreement State. As an alternative, the petitioner requests that the Commission declare that these calibration and reference sources represent "de minimis" quantities of plutonium for which container certification should not be required.

Objective. To permit the air transport of calibration or reference sources that contain small quantities of plutonium.

Background. The comment period closed October 17, 1977. Two comments were received, both of which supported the petition. Disposition of this petition will proceed when the Commission determines its policy on the air transport of plutonium by taking rulemaking action to implement that portion of Pub. L. 94-79 known as the Scheuer Amendment that places restrictions on the air transport of plutonium. This NRC rulemaking, published as a proposed rule in the Federal Register on November 13, 1981 (46 FR 55992, see page 50), considers, among other things, whether under Pub. L. 94-79 the Commission may authorize air shipments of small quantities of plutonium in a package other than an approved container, and if so, what regulatory requirements should apply to these shipments.

TIMETABLE: Commission action on the petition is unscheduled. Action on the petition will follow action on the final rulemaking implementing Pub. L. 94-79, which is to be included in the Part 71 rule that will make U.S. transport regulations consistent with those of IAEA. That rule is scheduled for Commission review in June 1983.

CONTACT: Donald R. Hopkins
Office of Nuclear Regulatory Research
(301) 443-5825

PETITION DOCKET NUMBER: PRM-73-2

PETITIONER: Wisconsin Electric Power Company, et al.

PART: 73

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: September 15, 1977 (42 FR 46431)

SUBJECT: Elimination of "Pat Down" Physical Searches of Individuals at Nuclear Power Plants

SUMMARY: Description. The petitioners request elimination of the requirement for "pat down" physical searches of individuals entering a protected area of a nuclear power plant. The petitioners contend that the requirement is unnecessary in that comparable highly sensitive facilities such as those used to store nuclear weapons do not have such a requirement. The petitioners state that their petition would permit "pat down" searches and that individuals entering a protected area would be put on notice that they are subject to these searches. Existing requirements for the use of detection equipment would not be affected. The petition includes proposed amendatory text to Part 73. The petitioners also have submitted a memorandum in support of the petition.

Objective. To eliminate the requirement for "pat down" physical searches of individuals entering a protected area of a nuclear power plant.

Background. The comment period closed October 17, 1977. Approximately 100 comments were received. Eighty comments were from utilities and supported the petition. The other 20 disagreed with the petition. Currently effective regulations require, in part, that licensees conduct physical "pat down" searches of their employees and other persons before allowing them to enter a protected area of a power reactor facility. However, NRC has extended to licensees relief from this requirement while a proposed rulemaking proceeding in physical searches is conducted. The most recent notice granting a continuation of this relief was published in the Federal Register on December 1, 1980 (45 FR 79492, see page 52). The Commission notified the petitioner that action on the petition has been delayed pending resolution of the rulemaking proceeding to modify requirements for physical searches at nuclear power plants.

TIMETABLE: Commission action on the petition for rulemaking is pending issuance of the proposed rule on personnel access authorization (see page 98), which is currently scheduled for August 1984.

CONTACT: Kristina Z. Markulis
Office of Nuclear Regulatory Research
(301) 443-5976

PETITION DOCKET NUMBER: PRM-73-3

PETITIONER: KMC, Inc., et al.

PART: 73

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: July 10, 1978 (43 FR 29635)

SUBJECT: Physical Security Requirements at Nuclear Power Plants

SUMMARY: Description. The petitioner requests amendment of §73.55 to include a statement that, if a nuclear power reactor licensee meets the specific requirements for physical protection against an insider threat, as provided for in the Commission's regulations, a licensee will also meet the general performance requirements for physical protection provided in §73.55. The petitioner contends that while §73.55(a) permits licensees to suggest alternative measures that would achieve equivalent levels of physical protection, experience has shown that these proposed alternatives have not been accepted by the NRC staff. The petitioner states that the NRC has required additional features, beyond the requirements in §73.55, to meet the general performance requirements for physical security protection. Specifically, the petitioner requests amendment of paragraph (a)(2) of §73.55 that provides requirements for protection against "insider" threat (that is, a threat from an individual inside a plant, including an employee of the utility). The requested change would state that a utility that meets the specific requirements in paragraphs (b) through (h) of §73.55 would satisfy the general performance requirements for physical security in §73.55. The petitioner provides specific amendatory language in the petition and also has submitted a memorandum in support of the petition.

Objective. To limit NRC staff from imposing on utilities additional requirements for physical security protection above those requirements in §73.55 by stating that a utility, when it satisfies the specific requirements for physical protection against an insider threat (as provided in the Commission's regulations), will also meet the general performance requirements for physical protection against an insider threat.

Background. The comment period closed September 8, 1978. Four comments on the petition were received. On November 11, 1978, the NRC notified the petitioner that action on the petition would be delayed because the currently effective

physical security requirements in §73.55 were under review. The NRC has extended to licensees partial relief from the physical security requirements in §73.55. The most recent notice extending this relief was published in the Federal Register on December 1, 1980 (45 FR 79410). The NRC published a proposed rule in the Federal Register on December 1, 1980 (45 FR 79492), which would modify the physical security requirements in §73.55. Action on the petition is delayed pending resolution of policy questions raised by the petition (see pages 51, 52, and 98).

TIMETABLE: Commission action on the petition for rulemaking is scheduled for August 1984.

CONTACT: Kristina Z. Markulis
Office of Nuclear Regulatory Research
(301) 443-5976

PETITION DOCKET NUMBER: PRM-73-6

PETITIONER: Wisconsin Electric Power Company, et al.

PART: 73

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: February 16, 1982 (47 FR 6659)

SUBJECT: Modification of Qualifications for Security Personnel of Nuclear Power Plants and Other Special Nuclear Material Licensees

SUMMARY: Description. The petitioners request that the Commission eliminate the requirement that armed security personnel at nuclear power plants or other facilities licensed to handle special nuclear material (1) carry an extra pair of eyeglasses and (2) undergo an annual medical examination within the preceding 30 days of an annual physical fitness test. The petitioners contend that these requirements are "excessive and unreasonable" when compared to similar requirements for security personnel in other government agencies or in operations with security requirements comparable to those of nuclear power plants. The petition includes proposed amendatory text which would achieve these modified requirements.

Objective. To eliminate requirements for security personnel that the petitioner contends are "excessive and unreasonable."

Background. The comment period closed April 19, 1982. Nine comments on the petition were received. Action on the petition is delayed pending resolution of policy questions in current rulemakings (see pages 51, 52, and 98).

TIMETABLE: Commission action on the petition is scheduled for August 1984.

CONTACT: William Floyd
Office of Nuclear Regulatory Research
(301) 443-5976

PETITION DOCKET NUMBER: PRM-73-8

PETITIONER: Wisconsin Electric Power Company, et al.

PART: 73

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: February 16, 1982 (47 FR 6657)

SUBJECT: Elimination of Required Search of Hand-Carried Packages of Personnel at Nuclear Power Plants

SUMMARY: Description. The petitioners request that the Commission eliminate the requirement for searches of hand-carried personal effects of screened employees entering a protected area of a nuclear power plant. The petitioners contend that the requirement is unnecessary as demonstrated by the absence of these kinds of searches in comparable Federal programs. The petitioners also contend that the requirement is an ineffective means of preventing insiders from sabotaging the plant. The petition includes proposed amendatory text that would achieve this requested change.

Objective. To eliminate the required search of hand-carried personal effects of screened employees entering a protected area of a nuclear power plant.

Background. The comment period closed April 19, 1982. Ten comments on the petition were received. Action on the petition is delayed pending resolution of policy questions in current rulemakings (see pages 51, 52, and 98).

TIMETABLE: Commission action on the petition is scheduled for August 1984.

CONTACT: William Floyd
Office of Nuclear Regulatory Research
(301) 443-5976

PETITION DOCKET NUMBER: PRM-73-7

PETITIONER: Wisconsin Electric Power Company, et al.

PART: 73

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: February 16, 1982 (47 FR 6658)

SUBJECT: Elimination of Required Log-Out of Personnel from Vital Areas of Nuclear Power Reactors

SUMMARY: Description. The petitioners request that the Commission eliminate the log-out requirement at nuclear power reactors for individuals given access to normally unoccupied vital areas. The petitioners contend that the requirement is not only unnecessary from a safety standpoint, but may be detrimental to safe plant shutdown and effective plant response to other emergencies. The petitioners also contend that sensitive facilities have no similar requirement. The petition includes proposed amendatory text that would achieve these modified requirements.

Objective. To eliminate the log-out requirement at nuclear power reactors for individuals given access to normally unoccupied vital areas.

Background. The comment period closed April 19, 1982. Nine comments on the petition were received. Action on the petition is delayed pending resolution of policy questions in current rulemakings (see pages 51, 52, and 98).

TIMETABLE: Commission action on the petition is scheduled for August 1984.

CONTACT: William Floyd
Office of Nuclear Regulatory Research
(301) 443-5976

PETITION DOCKET NUMBER: PRM-140-1

PETITIONER: Public Citizen Litigation Group and Critical Mass
Energy Project

PART: 140

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: August 28, 1979 (44 FR 50419)

SUBJECT: Extraordinary Nuclear Occurrence

SUMMARY: Description. The petitioners request that the NRC (1) find that the accident at Three Mile Island was an extraordinary nuclear occurrence (ENO) and (2) amend Subpart E of Part 140 to make less stringent the criteria used for determining that an extraordinary nuclear occurrence has occurred. Part 140 of the Commission's regulations provide procedures and requirements for determining the financial protection required of licensees and from the indemnification and limitation of liability of licensees. Subpart E of Part 140 sets forth the procedures the Commission will follow and the criteria the Commission will apply in making a determination as to whether or not there has been an ENO.

Objective. To change the criteria used by the Commission to make a determination that an ENO has occurred.

Background. The comment period closed on December 31, 1979. One comment was received. The petitioners are property owners in the vicinity of TMI and contend that their property was sharply decreased in value as a result of the accident. In addition, the petitioners contend that "the Commission's established criteria have been easily met" in that the damages resulting from the accident exceed those levels necessary to be considered an ENO. This portion of the petition was considered to be a public comment on the Commission's request for information on the TMI ENO determination and was resolved by the Commission's ENO decision of April 16, 1980. Finally, the petitioners request that additional criteria be added to Part 140 to permit accidents of much smaller proportions than TMI to be considered ENOs.

TIMETABLE: The proposed response is currently under Commission review and is expected to be published in August 1983.

CONTACT: Harold T. Peterson, Jr.
Office of Nuclear Regulatory Research
(301) 427-4210



(D) - Petitions with deferred action



D

PETITION DOCKET NUMBER: PRM-40-23

PETITIONER: Sierra Club

PART: 40

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: February 25, 1981 (46 FR 14021);
May 2, 1983 (48 FR 19722)

SUBJECT: Licensing the Possession of Uranium Mill Tailings at
Inactive Storage Sites

SUMMARY: Description. The petitioner requests that the Commission amend its regulations to license the possession of uranium mill tailings of inactive storage sites. The petitioner proposes the following regulatory action to ensure that the public health and safety is adequately protected: (1) repeal the licensing exemption for inactive uranium mill tailings sites subject to the Department of Energy's remedial program; (2) require a license for the possession of byproduct material on any other property in the vicinity of an inactive mill tailings site if the byproduct materials are derived from the sites; or, in the alternative, (3) conduct a rulemaking to determine whether a licensing exemption of these sites or byproduct materials constitutes an unreasonable risk to public health and safety. On March 23, 1983, the petitioner filed an amendment to the original petition. In the amendment, the petitioner requests that, in the event that NRC denies the earlier requests, NRC take further action to insure that the management of byproduct material located on or derived from inactive uranium processing sites is conducted in a manner that protects the public health and safety and the environment. The petitioner also requests that the NRC take action to govern the management of byproduct material not subject to licensing under section 81 of the Atomic Energy Act.

Objective. To license the protection of uranium mill tailings at inactive storage sites or take other regulatory action to protect the public health and safety and the environment from the radiological and nonradiological hazards associated with the tailings. The petitioner believes that this action is necessary if NRC is to adequately fulfill its statutory responsibilities under the Uranium Mill Tailings Radiation Control Act.

Background. The comment period closed April 27, 1981. Three comments were received, all stating the petition should be denied. The comment period on the amendment to the petition closes June 30, 1983. Uranium mill tailings are regulated under the Uranium Mill Tailings Radiation Control Act of 1978 (Pub. L. 95-604, 42 U.S.C. 7901, et seq.). Title I of the Act

directs that the Department of Energy, in consultation with NRC, conduct a remedial action program at certain inactive uranium mill tailings sites. Title V of the Act authorizes NRC to regulate disposal of the tailings at active sites. The staff is preparing a response to the petition.

TIMETABLE: Action on the petition is to be considered in the revision of uranium mill tailings regulations (see the memorandum from the Chairman to the Executive Director for Operations dated October 13, 1982).

CONTACT: Frank Swanberg
Office of Nuclear Regulatory Research
(301) 427-4626

PETITION DOCKET NUMBER: PRM-40-24

PETITIONER: Union Carbide Corporation

PART: 40

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: November 30, 1982 (47 FR 53889)

SUBJECT: Revised Criteria for Operation of Uranium Mills and Disposition of Tailings or Wastes

SUMMARY: Description. The petitioner proposes that the Commission amend its regulations setting out criteria for the operation of uranium mills and the disposition of tailings or wastes resulting from uranium milling activities. The petitioner suggests specific amendments to the criteria governing the selection of new tailings disposal sites or the adequacy of existing tailings disposal sites, the seepage of toxic materials into the groundwater, the earth cover to be placed over tailings or wastes to prevent the surface exhalation of radon, and the charge imposed on each mill operator to cover the cost of long-term surveillance. The petitioner supports its suggested amendments with information it says was not available to the Commission at the time the regulations were issued.

Objective. To significantly reduce the compliance costs incurred by the petitioner in the operation of its uranium milling facilities while continuing to adequately protect public health, safety, and the environment.

Background. The comment period which originally closed January 31, 1983, has been extended until May 2, 1983. The petitioner is a New York-based corporation engaged in uranium exploration, milling, and mining. The regulations the petitioner seeks to amend were issued as part of NRC's regulations implementing the Uranium Mill Tailings Radiation Control Act of 1978 (Pub. L. 95-604, 42 U.S.C. 7901, et seq.). These regulations were published in the Federal Register on October 3, 1980 (45 FR 65531).

TIMETABLE: Action on the petition is to be considered in the revision of uranium mill tailings regulations (see the memorandum from the Chairman to the Executive Director for Operations dated October 13, 1982).

CONTACT: William R. Ott
Office of Nuclear Regulatory Research
(301) 427-4358

PETITION DOCKET NUMBER: PRM-50-20

PETITIONER: Free Environment, Inc., et al.

PART: 50

OTHER AFFECTED PART(S): 100

FEDERAL REGISTER CITATION: May 19, 1977 (42 FR 25785)

SUBJECT: Reactor Safety Measures

SUMMARY: Description. The petitioner requested that the Commission amend Part 50 before proceeding with the processing of license applications for the Central Iowa Nuclear Project to require that (1) all nuclear reactors be located below ground level; (2) all nuclear reactors be housed in sealed buildings within which permanent heavy vacuums are maintained; (3) a full-time Federal employee, with full authority to order the plant to be shut down in case of any operational abnormality, always be present in all nuclear generating stations; and (4) the Central Iowa Nuclear Project and all other reactors be sited at least 40 miles from major population centers.

Objective. To ensure that additional safety measures are employed in the construction and siting of nuclear power plants. The petitioner seeks to have recommendations and procedures practiced or encouraged by various organizations and some current NRC guidelines adopted as mandatory requirements in the Commission's regulations.

Background. The comment period closed July 18, 1977. Three comments were received. The first three parts of the petition (see Description section above) were incorporated with PRM-50-19 for staff action purposes. A notice of denial for the third part of the petition was published in the Federal Register on February 2, 1978 (43 FR 4466). A notice of denial for the first two parts of the petition was published April 19, 1978 (43 FR 16556). NRC staff work on the fourth part of the petition will be carried out in connection with the ongoing Part 100 rulemaking (see page 64) on demographic criteria. Petitioners were notified by letter on January 26, 1982, that the proposed rule on siting criteria will be delayed until summer 1983, to await safety goal information and source term reevaluation. Subsequent action on the safety goal resulted

in issuance of a Policy Statement on Safety Goals for the Operation of Nuclear Power Plants and information about the Safety Goal Development Program for public comment on March 14, 1983 (48 FR 10772). A two-year trial implementation and evaluation period of the preliminary goals and objectives in the statement is planned after which development of revised siting regulations may be resumed.

TIMETABLE: Development of demographic criteria will resume in March 1985.

CONTACT: William R. Ott
Office of Nuclear Regulatory Research
(301) 427-4358

PETITION DOCKET NUMBER: PRM-51-1

PETITIONER: New England Coalition on Nuclear Pollution

PART: 51

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: January 16, 1976 (41 FR 2448)

SUBJECT: Environmental Impacts of the Uranium Fuel Cycle

SUMMARY: Description. The petitioner requests that the Commission initiate a rulemaking to amend its summary of environmental considerations in the uranium fuel cycle presented in Table S-3 of Part 51. The petitioner declares that (1) the current Table S-3 seriously underestimates the impact on human health and safety by disregarding the long-term effects of certain radionuclides, particularly thorium-230 which decays into radon gas; (2) the health effects of krypton-85 and tritium releases from fuel reprocessing plants are underestimated; (3) releases of carbon-14 from the fuel cycle should be included; (4) the term "man-rem" does not provide a meaningful representation of health effects, at least in terms of radionuclides involved in this petition, and that human deaths from man-rem exposures provide a more comprehensible consequence of fuel cycle activities; and (5) the magnitude of the potential death toll from mill tailings alone alters previous judgments and requires a reassessment of previous conclusions to authorize construction and operation of nuclear reactors and the postponement of all pending applications for construction or operating authority until final resolution of the issue by the Commission.

Objective. The petitioner proposes action to amend Table S-3 in ways that they claim will more accurately reflect the impact of the long-term effects of certain long-lived radionuclides on human health and safety. The petitioner also proposes to suspend all activities related to nuclear power plant construction and operation until the Commission reassesses the health and safety effects of mine tailings.

Background. The Commission acted on all items of the petition on April 14, 1978 (46 FR 15613) except for a future rulemaking proceeding to amend the Table S-3 value for radon. The Federal Register notice of April 14, 1978, removed the radon value from Table S-3 and made it subject to litigation in individual licensing proceedings. Rulemaking to add the new value for

radon-222 in Table S-3 could be affected by proposed new EPA standards published on April 29, 1983, for public review and comment and could also be affected by revisions to the uranium mill tailings regulations that the Commission will promulgate to conform to the EPA standards. In a separate action, the U.S. Court of Appeals for the D.C. Circuit, in a decision dated April 27, 1982, invalidated the entire Table S-3 rule. The Nuclear Regulatory Commission appealed that decision to the Supreme Court and presented oral arguments on April 19, 1983. Pending outcome of the appeal, the rulemaking to add a new estimate for radon-222 to Table S-3 is being held in abeyance.

The purpose of the Table S-3 rule is to consider the environmental effects of the uranium fuel cycle generically to eliminate repetitive analyses of these same effects in individual nuclear power plant licensing cases. This will reduce the time required for public hearings in the licensing process and will shorten the time and reduce the cost of licensing nuclear power plants.

TIMETABLE: Commission action on a proposed rule on radon is held in abeyance pending Supreme Court action on the appeal of the D.C. Circuit Court of Appeals decision invalidating the Table S-3 rule. If the Supreme Court decision upholds the validity of the Table S-3 rule, a rulemaking to add the new radon-222 value to the table can be undertaken as soon as the final EPA standards and the Commission's revised uranium milling regulations are promulgated.

CONTACT: William E. Thompson
Office of Nuclear Material Safety and Safeguards
(301) 427-4211

PETITION DOCKET NUMBER: PRM-71-6

PETITIONER: Critical Mass Energy Project, et al.

PART: 71

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: December 1, 1977 (42 FR 61089)

SUBJECT: Emergency Planning and Response for Transportation Accidents
Involving Radioactive Materials

SUMMARY: Description. The petitioners request that the Commission require licensees who transport radioactive materials to (1) use special routes to avoid densely populated areas and mountainous terrain; (2) adopt emergency plans involving their cargo, including the organization of emergency response units to carry out the plan and semi-annual drills with state and local law enforcement officials; (3) assume financial responsibility for any shipping accident that involves the dispersal of their radioactive cargo; and (4) develop a plan for informing the drivers of the vehicles about the nature of the material they are shipping and emergency actions they should undertake in the event of an accident. The petitioners state that NRC regulations should also require that all licensees be in compliance with these regulations within 60 days of their promulgation and that each licensee be required to demonstrate to the Commission within 60 days after the effective date of the regulation that the licensee possesses the capability to deploy emergency response units promptly to an accident scene.

Objective. To improve the emergency response capability of licensees and the shippers who transport radioactive material to respond to accidents.

Background. The comment period closed January 30, 1978. Forty comments were received, the majority of which oppose the petition. On June 7, 1978, the NRC informed the petitioners that the NRC was delaying action on the petition until a request by Congressman Wirth for a special joint study by the NRC and DOT on Package Requirements and Emergency Response was completed. The final report on this study, NUREG-0535, was published in July 1980. A staff response to the petition was prepared and forwarded to the Commission for action. The staff paper has been subsequently withdrawn pending resolution of the New York lawsuit on the DOT's highway routing rule. Resolution of this issue could materially affect the Commission findings on the petition.

TIMETABLE: Commission action on the petition is unscheduled.

CONTACT: Donald Nellis
Office of Nuclear Regulatory Research
(301) 443-5825

PETITION DOCKET NUMBER: PRM-100-2

PETITIONER: Public Interest Research Group, et al.

PART: 100

OTHER AFFECTED PART(S): None

FEDERAL REGISTER CITATION: July 1, 1976 (41 FR 27141)

SUBJECT: Population Density Criteria Near Nuclear Power Plants

SUMMARY: Description. The petitioners request that the Commission amend its regulations to prohibit the construction of nuclear reactors where the population in the surrounding area exceeds or will exceed specified numerical limits. The petitioners' proposed criteria would limit permissible population density to 400 people per square mile within a 40-mile perimeter. The petitioners state that they regard these proposed criteria as interim standards to be used until the Commission is able to generate its own numerical standards on population density.

Objective. To restrict utilities from building nuclear reactors too close to metropolitan areas.

Background. The comment period closed August 30, 1976. Twelve comments were received. An NRC staff paper (SECY-78-624) was submitted to the Commission on December 4, 1978. In a memorandum to the Executive Director for Operations dated February 15, 1979, the Commission deferred action on the population density siting criteria issue pending submission of the Siting Policy Task Force report. The petitioners were notified of this deferral by letter dated March 9, 1979. The petitioners were notified by letter (in July 1980) that the petition would be considered in the context of the rulemaking on siting criteria (see page 64). Petitioners were notified by letter on January 26, 1982, that the proposed rule on siting criteria will be delayed until summer 1983 to await safety goal implementation and source term reevaluation. Subsequent action on the safety goal resulted in issuance of a Policy Statement on Safety Goals for the Operation of Nuclear Power Plants and information about the Safety Goal Development Program for public comment on March 14, 1983 (48 FR 10772). A two-year trial implementation and evaluation period of the preliminary goals and objectives in the statement is planned after which development of revised siting regulations may be resumed.

TIMETABLE: Development of demographic criteria will resume in
March 1985.

CONTACT: William R. Ott
Office of Nuclear Regulatory Research
(301) 427-4358