

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

Proc. TOP-001-01

Revision 0

**TECHNICAL OPERATING PROCEDURE**

Page NA of NA

Title TOP-001-01 GUIDANCE TO THE PROGRAM ARCHITECTURE REVIEW COMMITTEE  
REVIEW AND REVISION OF WSE&I MAJOR MILESTONE NO. 12

**EFFECTIVITY AND APPROVAL**

Revision 0 of this procedure became effective on July 12, 1988. This procedure consists of the pages and changes listed below.

Page No.

Change

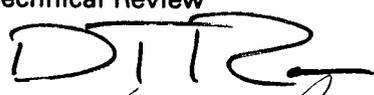
Date Effective

All work to be performed in accordance with this procedure has been completed. Therefore, this procedure is no longer effective.

**SUPERSEDED**

Supersedes Procedure No. None

**Approvals**

Written By 	Date <u>7/26/91</u>	Technical Review 	Date <u>7/26/91</u>
Quality Assurance 	Date <u>7/26/91</u>	Cognizant Director 	Date <u>7/26/91</u>

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

Proc. TOP-001-01

Revision 0

**TECHNICAL OPERATING PROCEDURE**

Page 1 of 10

Title

TOP-001-01 GUIDANCE TO THE PROGRAM ARCHITECTURE REVIEW COMMITTEE  
REVIEW AND REVISION OF WSE&I MAJOR MILESTONE NO. 12

**EFFECTIVITY AND APPROVAL**

Revision 0 of this procedure became effective on July 12, 1988. This procedure consists of the pages and changes listed below.

<u>Page No.</u>	<u>Change</u>	<u>Date Effective</u>
1 - 10	-	7/12/88

Supersedes Procedure No. None

Approvals

Written By <i>Wesley Roberts</i>	Date <i>7/12/88</i>	Technical Review <i>IST</i>	Date <i>7/12/88</i>
Quality Assurance <i>Samuel M. ...</i>	Date <i>7/12/88</i>	Cognizant Director <i>Allen R. Whiting</i>	Date <i>7/12/88</i>

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 2 of 10

TOP-001-01 GUIDANCE TO THE PROGRAM ARCHITECTURE REVIEW COMMITTEE  
REVIEW AND REVISION OF WSE&I MAJOR MILESTONE NO. 12

1. PURPOSE AND SCOPE

The purpose of this guidance document is to provide work instructions concerning the review and revision of WSE&I Major Milestone No. 12 which was completed and transmitted to the NRC on March 21, 1988. This is one of a series of guidance documents prepared by the WSE&I Subelement to provide the necessary controls for development and maintenance of the PA.

The content of the PA relational database and the associated full-text regulations and statutes are the inputs to this review and revision process. This guidance is provided in accordance with the provisions of technical operating procedure TOP-001 "Program Architecture Development and Maintenance". The scope of this document is steps 2 through 7 of the seven-stage quality-control and quality-assurance process defined in the Milestone No. 12 report. These steps may be briefly summarized as:

<u>Step</u>	<u>Review Level</u>	<u>Purpose</u>
2	Reg./Stat. Applicability	Judge Applicability of Reg/Stat.
3	Requirement Applicability	Judge Applicability of Section
4	Cross-Check Reqmt vs Finding	Evaluate/Modify Findings to Match Requirement
5	Cognizant Element	Ensure Proper Designation
6	Essential/Support Expert.	Ensure Proper Designation
7	Cross Reference	Ensure Proper Designation

The need for executing Step 4 has been eliminated as a result of redefinition of and replacement of certain terms in the approved Program Architecture Terminology.

Criteria and work instructions associated with each of these steps is provided in the following sections.

2. DEFINITIONS

2.1 PROGRAM ARCHITECTURE

Program Architecture (PA) is the overall system description for the Nuclear Regulatory Commission High-Level Nuclear Waste (NRC-HLW)

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 3 of 10

repository licensing system. Development and maintenance of the PA is the responsibility of the WSE&I Subelement Manager.

**2.2 REGULATORY REQUIREMENT**

A statement of a requirement pertaining to the high-level waste regulatory program, as quoted from a statute, regulation, or other source which has the force of law.

**2.3 COGNIZANT ELEMENT**

The Element(s)/Subelement(s) that are judged to be responsible for actions related to the REGULATORY REQUIREMENT. Note that this is not necessarily the Element/Subelement that initially did the requirements analysis and findings identification for this item.

**2.4 ESSENTIAL EXPERTISE**

The principal area or areas of expertise that are judged to be essential to the completion of actions related to the REGULATORY REQUIREMENT.

**2.5 SUPPORT EXPERTISE**

The principal area or areas of expertise that are judged to be needed for the completion of actions related to the REGULATORY REQUIREMENT.

**3. RESPONSIBILITY**

3.1 The WSE&I Subelement Manager is delegated responsibility for PA development activities described in this work instruction.

3.2 Other responsibilities are as described in TOP-001 "Program Architecture Development and Maintenance".

**4. CRITERIA**

Criteria for Steps 2 through 7 of the review and revision process that is described in the report on WSE&I Major Milestone No. 12 are provided in the following sections. The several criteria within each section establish the logical order for evaluation. There is no intent to indicate a "ranking" of importance among the regulations, statutes, or sections thereof based on the criterion which supported entering that item into the retention database. The flow chart in Figure 1 provides

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 4 of 10

additional information regarding the application of the criteria presented in Section 4.1.

**4.1 APPLICABILITY OF REGULATION, STATUTE, OR SECTION THEREOF.**

This section provides criteria for performing Steps 2 and 3 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12 (see Figure 1).

4.1.1 The cited regulation, statute, or section thereof is directly applicable to high-level waste (HLW) management, as indicated by phrasing to that effect in the title and/or text of the regulation or statute.

4.1.2 The cited regulation, statute, or section thereof requires positive action on the part of the NRC to ensure the successful fulfillment of its HLW management mission. This requirement for action may be based on direct or implicit assignment of responsibility to the NRC in the regulation or statute but, in either case, will require NRC action.

4.1.3 The cited regulation, statute, or section thereof does not specify direct action by the NRC but embodies regulatory or institutional risk which makes cognizance and active monitoring of the item an essential factor in the prudent management of NRC and Center resources.

4.1.4 The cited regulation or statute is generally applicable to the types of endeavor comprising the HLW management program.

4.1.5 The cited regulation, statute, or section thereof is incorporated by reference in an item that met any of the criteria 4.1.1 through 4.1.4.

**4.2 CROSS-CHECK REQUIREMENT VS FINDING**

The need for executing Step 4 has been eliminated as a result of redefinition of and replacement of certain terms in the approved Program Architecture Terminology. The information presently in the field labelled "Finding" will be retained (as a convenient basis for evaluating the the entries addressed by criteria 4.3 through 4.5) until this PARC review activity has been completed, at which time it will be deleted from the database. Therefore, no criteria are necessary for performing Step 4

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 5 of 10

of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

4.3 CHECK COGNIZANT ELEMENT DESIGNATION

This section provides criteria for performing Step 5 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

4.3.1 The letter codes for cognizant Element/Subelement are correct, based on the list provided in the MS 12 report, as revised.

4.3.2 The designated cognizant Element/Subelement is consistent with the subject matter content of the REGULATORY REQUIREMENT being examined and the definitions of terms provided in Section 2.

4.4 CHECK ESSENTIAL AND SUPPORT EXPERTISE DESIGNATION

This section provides criteria for performing Step 6 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

4.4.1 The letter codes for essential and support expertise are correct, based on the list provided in the MS 12 report, as revised.

4.4.2 The designated areas of expertise are consistent with the subject matter content of the REGULATORY REQUIREMENT being examined and the definitions of terms provided in Section 2.

4.5 CHECK CROSS REFERENCE DESIGNATION

This section provides criteria for performing Step 7 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

4.5.1 The cited cross references are included in the regulations and statutes that were retained after screening by the criteria in Section 4.1.

4.5.2 The section title (where applicable) and text of the cited cross reference deal with the same subject matter as the primary entry that is being examined.

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 6 of 10

5. PROCEDURE

One or more Program Architecture Review Committees will be formed in accordance with the provisions of TOP-001 to review and revise the PA relational database contents associated with WSE&I Major Milestone No. 12. The products of this process will be two databases. A "retention" database of regulations, statutes, and sections thereof that meet one or more of the criteria and a "rejection" database of regulations, statutes, and sections thereof that failed to meet one or more of the criteria given in Section 4.

When working with the electronic media, changes may be made directly in the database and be concurrently verified by the PARC. When working with paper-copy listings of the database, changes must be subsequently made in the electronic database and be verified by the PARC.

The WSE&I Subelement Manager may elect to select a subset of the current content of the database for review and revision. Such an approach may be required because of prescribed priorities, schedule demands, limitation on resources, etc. If this approach is taken, the subset selected, rationale for choosing the subset, approval of the Director of SE&I and the Technical Director, and concurrence of the NRC Program Manager shall be documented.

The WSE&I Subelement Manager will oversee the activities of the PARC. The NRC CNWRA Program Manager may assign one or more members of his staff to observe the proceedings of the PARC from time-to-time. He will be advised of the PARC schedule by the WSE&I Subelement Manager.

The flow chart in Figure 1 provides additional insight into the application of the instructions presented in Section 4.1. It is important that these work instructions be completed in the order indicated (5.1 through 5.5) and that within Section 5.1 the order indicated in Figure 1 be followed. The PARC will work closely with the Element/Subelement Manager and/or associated staff who made the initial determinations. This will ensure that other factors (beyond the established criteria) that may have influenced the selection of regulations, statutes, and related database entries are properly considered. Where identified, such additional factors will be documented as provided for in Section 7 of this work instruction.

The PARC will advise the WSE&I Subelement Manager when it has completed review and revision of a sufficient number of entries (estimated to be 10 to 20 entries) to have its work product checked for compliance with this work instruction. This check will be done at least

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 7 of 10

once in implementing each of the major criteria in accordance with the instructions provided in this Section. The WSE&I Subelement Manager, Director of Quality Assurance, and Technical Director will conduct and document this check using hardcopy, electronic media, or a combination of these. In the event that the product is judged adequate, the PARC activity will continue. In the event that the product is judged inadequate, further instruction, training, and/or examples will be given to correct the work that has already been completed and ensure that further work is adequate; a second cycle of checking will be conducted.

If in the course of this review and revision the PARC becomes aware that additional criteria or instructions or modification to existing criteria or instructions are needed, the Committee will immediately petition the WSE&I Subelement Manager concerning the suggested changes. Approval of suggested changes will be at the same level as approval of this work instruction. Dependent on approval, the following action will be taken: this work instruction will be "red lined" and initialed to indicate the changes, it will be distributed to all affected parties with instructions for implementing the changes, the Director of SE&I and the Technical Director (under advisement from the PARC) will determine whether the change requires reprocessing of items already reviewed and revised using the predecessor procedure, and reprocessing will be undertaken, as necessary.

**5.1 APPLICABILITY OF REGULATION, STATUTE, OR SECTION THEREOF**

This section provides instructions for performing Steps 2 and 3 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

The PARC shall evaluate and delete the regulation, statute, or section thereof, as necessary, in the context of the criteria provided in Section 4.1 and using the flow chart provided in Figure 1. It is important that each existing database entry (at the regulation/statute or section level) be evaluated with regard to all of the Section 4.1 criteria before continuing with the next entry, rather than processing all entries through each criterion in sequence.

Entries retained within the current database ("database A", Figure 1) will be so indicated by coding the QA status field of Milestone 12 with the appropriate step number reflecting entry compliance. Entries deleted from the current database will be so noted in the "Notes" field of the database and will be archived in "database B" (see Figure 1) of deletions for future reference.

CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES

TECHNICAL OPERATING PROCEDURE

Proc. TOP-001-01

Revision 0

Page 8 of 10

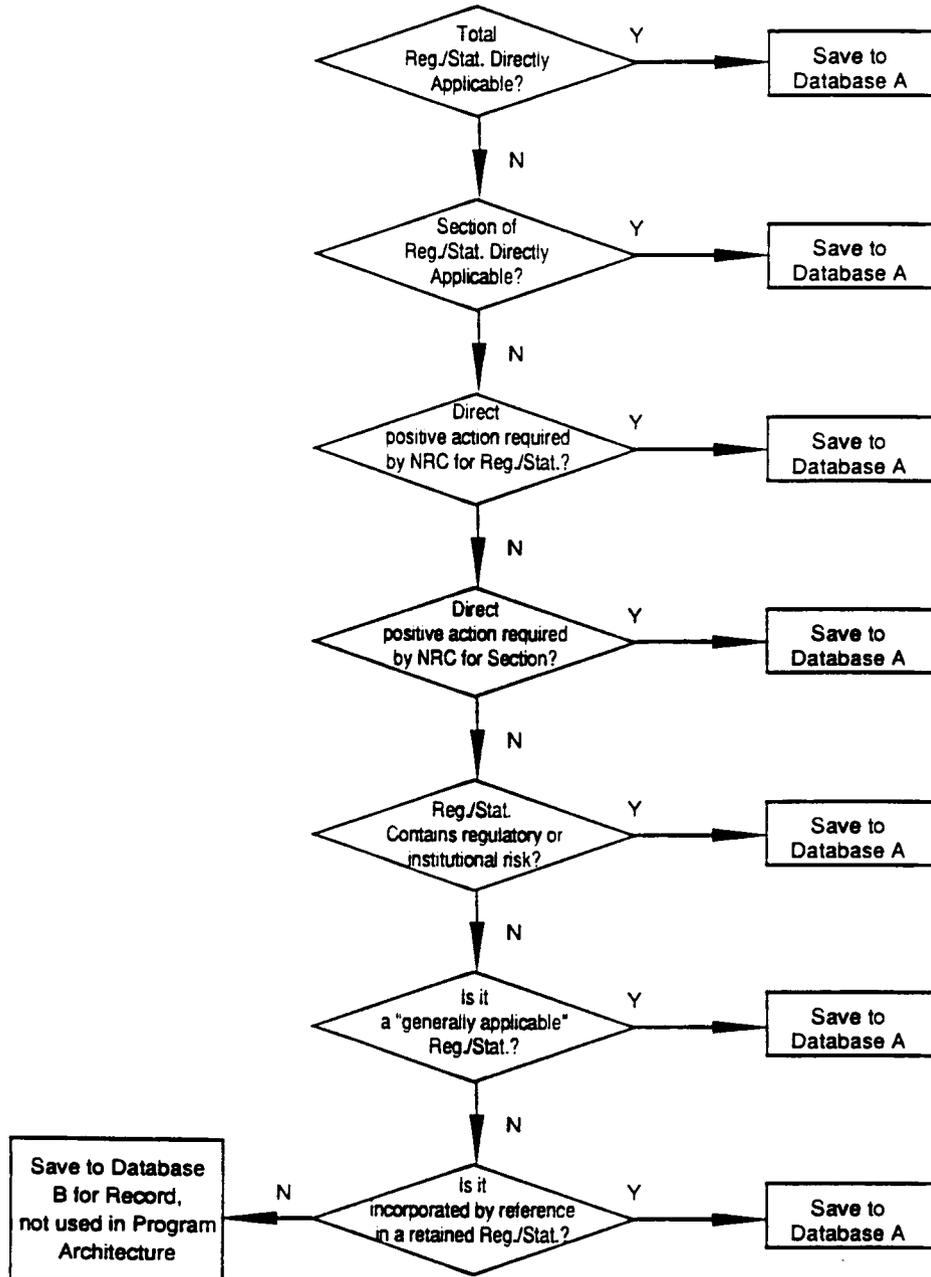


FIGURE 1. FLOWCHART SHOWING LOGIC FOR SCREENING POTENTIALLY APPLICABLE STATUTES AND REGULATIONS IN ACCORDANCE WITH SECTION 5.1 OF THE WORK INSTRUCTION

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 9 of 10

5.2 CROSS-CHECK REQUIREMENT VS FINDING

The need for executing Step 4 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12 has been eliminated as a result of redefinition of and replacement of certain terms in the approved Program Architecture Terminology. The information presently in the field labelled "Finding" will be retained (as a convenient basis for evaluating the the entries addressed by procedure steps 5.3 through 5.5) until this PARC review activity has been completed, at which time it will be deleted from the database.

5.3 CHECK COGNIZANT ELEMENT DESIGNATION

This section provides instructions for performing Step 5 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

The PARC shall evaluate and modify the cognizant Element/Subelement designation, as necessary, in the context of the criteria provided in Section 4.3.

5.4 CHECK ESSENTIAL AND SUPPORT EXPERTISE DESIGNATION

This section provides instructions for performing Step 6 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

The PARC shall evaluate and modify the designated essential and support expertise, as necessary, in the context of the criteria provided in Section 4.4.

5.5 CHECK CROSS REFERENCE DESIGNATION

This section provides instructions for performing Step 7 of the seven-stage QC/QA process described in the report on WSE&I Major Milestone No. 12.

The PARC shall evaluate and modify the cross reference, as necessary, in the context of the criteria provided in Section 4.5.

6. FORMAT AND CONTENT GUIDE FOR INPUTS

In general, execution of these work instructions will not require nor introduce any changes from the current format and content of the

**CENTER FOR NUCLEAR WASTE  
REGULATORY ANALYSES**

**TECHNICAL OPERATING PROCEDURE**

Proc. TOP-001-01

Revision 0

Page 10 of 10

Milestone No. 12 database. An exception is deletion of the current "Required Findings", as noted in section 5.2 of this procedure.

Should the need for further changes be identified in the process of review and revision covered by this guidance, this need will be brought to the attention of the Director of SE&I and the Director of Information Management Systems for disposition under separate guidance.

7. RECORDS

Records will be developed and maintained in accordance with Sections 4.3 through 4.6, and 4.8 of TOP-001. The two electronic databases, "red-lined" procedures, and other evidences of modifications to the databases described in Section 5 of this work instruction will be developed as indicated and be maintained in the Center files.

8. QUALITY ASSURANCE

This guidance shall be implemented in accordance with the provisions of Sections 4.7 and 4.8 of TOP-001 "Program Architecture Development and Maintenance". Either electronic or hardcopy objective evidence is acceptable for independent verification of actions taken by the PARC. Records will be maintained of audits performed on PARC activities.

July 12, 1988

MEMORANDUM

TO: Center Staff

FROM: Allen R. Whiting *ARW*

SUBJECT: Categorization of Regulations and Statutes for PARC Activities Under TOP-001-01

This memorandum establishes the subject categorization and associated subsets for use by the Program Architecture Review Committees in reviewing and revising the materials that were input to WSE&I Major Milestone No. 12. The regulations and statutes addressed are those originally developed by the Center for WSE&I Major Milestone No. 10, as modified and augmented in the ensuing months by both Center and NRC staff. The base document used here was the one developed and provided to the Center by Mr. M. Lee June 29, 1988.

In light of the program acceleration directed in the NRC letter of June 23, 1988, the WSE&I Subelement Manager has determined that it will be necessary to select subsets of the current content of the PA database for further processing. This is done in accordance with the provisions of TOP-001-01 "Guidance to the Program Architecture Review Committee Review and Revision of WSE&I Major Milestone No. 12", Section 5. This subsetting is done as a prescreening activity to expedite PARC activities and is distinct from the screening identified in Block 6 of the revised Process Diagram for Developing and Maintaining the Program Architecture (see TOP-001, page 3).

It is currently estimated that Subsets 1 and 2 will be completed in support of the 12/21/88 deliverable prescribed in the above noted directive. Other Subsets will be processed subsequent to that date unless available time permits earlier action.

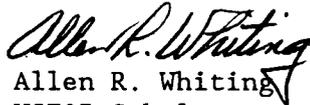
Based on this categorization, the regulations and statutes will be processed in subsets in the order indicated as the follows:

- Subset 1--Category 1A: Siting-Related, Direct
- Subset 2--Category 5: Quality-Assurance-Related
- Subset 3--Category 2: Facility- and Construction-Related
- Subset 4--Category 1B: Siting-Related, Environmental Policy and Impacts
- Subset 5--Category 3: Transportation-Related
- Subset 6--Category 4: Administrative- and Information-Related

APPROVAL

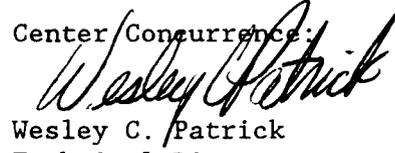
Establishment of these categories and subsets for PARC processing is approved, as follows, in accordance with Section 5 of TOP-001-01.

Signed:



Allen R. Whiting  
WSE&I Subelement  
Manager and  
Director SE&I

Center Concurrence:



Wesley C. Patrick  
Technical Director

NRC Concurrence:

Joseph O. Bunting  
NRC CNWRA Program  
Manager

## Attachment 1

CATEGORIZATION OF STATUTES AND REGULATIONS IDENTIFIED AS HAVING APPLICATION  
OR POTENTIAL APPLICATION TO THE NRC HLW PROGRAMCATEGORY 1A: SITING-RELATED, DIRECTLY

<u>Statutes/Regulations</u> (Titles/Part)	<u>Description</u>
10 CFR Part 60	Disposal of High-Level Radioactive Wastes in Geologic Repositories
10 CFR Part 960	General Guidelines for the Recommendation of Sites for Nuclear Waste Repositories
40 CFR Part 191	Environmental Radiation Protection Standards of Management and Disposal of Spent Nuclear Fuel, High-Level and Transuranic Radioactive Wastes
Pub.L. 97-425 (42 USC 10101-10225)	Nuclear Waste Policy Act of 1982
Pub.L. 100-203 (42 USC 10101-10225)	Nuclear Waste Policy Act Amendments of 1987
43 U.S.C. 1701 et seq.	Federal Land Policy and Management Act
Pub.L. 99-240	Low-Level Radioactive Waste Policy Amendments Act of 1985 [Federal Government responsibility for greater-than-class "C" wastes]

CATEGORY 1B: SITING-RELATED, ENVIRONMENTAL POLICY AND IMPACTS

<u>Statutes/Regulations</u> (Titles/Part)	<u>Description</u>
10 CFR Part 51	Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions
10 CFR Part 1021	Compliance with the National Environmental Policy Act
40 CFR Part 131	Water Quality Standards
40 CFR Part 141	National Primary Drinking Water Regulations
40 CFR Part 306, Subchapter J	Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Arbitration Procedures [Superfund Program, Emergency Planning, and Community Right-To-Know Programs]

40 CFR Part 1502, Chapter V

Environmental Impact Statement [Council on Environmental Quality]

40 CFR Part 1506, Chapter V

Other Requirements of NEPA [Council on Environmental Quality]

Pub.L. 91-190 (42 USC 4321-4347)

National Environmental Policy Act of 1969, as amended

33 U.S.C. 1251-1376  
[see sec. 1311(F)]

Federal Water Pollution Control Act  
[Clean Water Act]

42 U.S.C. 300 g-1,  
g-3, j-4, & j-9

Safe Drinking Water Act

Pub.L. 98-616 (42 USC 6901-6991)

The Hazardous and Solid Waste Amendment of 1984 [to the Resource Conservation and Recovery Act--RCRA]

CATEGORY 2: FACILITY- AND CONSTRUCTION-RELATED

Statutes/Regulations  
(Titles/Part)

Description

10 CFR Part 20

Standards for Protection Against Radiation

10 CFR Part 72

Licensing Requirements for the Storage of Spent Fuel in an Independent Spent Fuel Storage Installation (ISFSI)

10 CFR Part 73

Safeguards Requirements for Fuel Facilities Processing Formula Quantities of Strategic Special Nuclear Material [Sec.73.25-73.37] includes requirements for the physical protection of spent nuclear fuel in transit]

10 CFR 100, Appendix A

Reactor Site Criteria (Seismic and Geologic Siting Criteria for Nuclear Power Plants) [Siting criteria in 10CFR70 rely upon 10CFR100, Appendix A]

29 CFR Part 1926

Safety and Health Regulations for Construction

30 CFR Part 56

Safety and Health Standards--Surface Metal and Nonmetal Mines

30 CFR Part 57

Safety and Health Standards--Underground Metal and Nonmetal Mines

30 CFR Part 740

General Requirements for Surface Coal Mining and Reclamation Operations on Federal Lands

30 CFR Part 746

Review and Approval of Mining Plans

30 CFR Part 750

Requirements for Surface Coal Mining and Reclamation Operations on Indian Lands

40 CFR Part 61

National Emission Standards for Hazardous Air Pollutants

40 CFR Part 300, Subchapter J

National Oil and Hazardous Substances Pollution Contingency Plan [Superfund Program, Emergency Planning, and Community Right-To-Know Programs]

44 CFR Part 351

Radiological Emergency Planning and Preparedness

Pub.L. 96-368

West Valley Demonstration Project Act [NRC will be regulating the wastes generated at the site]

Pub.L. 91-173

Federal Mine Safety and Health Act of 1977, As amended [previously known as the Federal Coal Mine Health and Safety Act of 1969]

CATEGORY 3: TRANSPORTATION-RELATED

Statutes/Regulations  
(Titles/Part)

Description

10 CFR Part 71

Packaging and Transportation of Radioactive Material

49 CFR Part 173, Subpart H

Shippers - General Requirements for Shipments and Packaging) Poisonous Materials, Etiological Agents, and Radioactive Materials; Definition and Preparation)

49 CFR Part 173, Subpart I

Shippers - General Requirements for Shipments and Packaging (Radioactive Material)

49 CFR Part 174, Subpart A

Carriage by Rail [Hazardous Materials Regulations] (General Requirements)

49 CFR Part 174, Subpart B

Carriage by Rail [Hazardous Materials Regulations] (General Operating Requirements)

49 CFR Part 174, Subpart C

Carriage by Rail [Hazardous Materials Regulations] (General Handling and Loading Requirements)

49 CFR Part 174, Subpart D

Carriage by Rail [Hazardous Materials Regulations] (Handling of Placarded Cars)

49 CFR Part 174, Subpart K

Carriage by Rail [Hazardous Materials Regulations] (Detailed Requirements for Radioactive Materials)

49 CFR Part 175, Subpart C

Carriage by Aircraft [Hazardous Materials Regulations] (Specific Regulations Applicable According to Classification of Material)

49 CFR Part 176, Subpart A

Carriage by Vessel [Hazardous Materials Regulations] (General)

49 CFR Part 176, Subpart B

Carriage by Vessel [Hazardous Materials Regulations] (General Operating Requirements)

49 CFR Part 176, Subpart C

Carriage by Vessel [Hazardous Materials Regulations] (General Handling and Storage)

49 CFR Part 176, Subpart D

Carriage by Vessel [Hazardous Materials Regulations] (General Segregation Requirements)

49 CFR Part 176, Subpart M

Carriage by Vessel [Hazardous Materials Regulations] (Detailed Requirements for Radioactive Materials)

49 CFR Part 177

Carriage by Public Highway [Hazardous Materials Regulations]

49 CFR Part 178

Shipping Container Specifications

49 U.S.C. 1761-1762 &  
1801-1812

Hazardous Materials Transportation Act

Pub.L. 94-79

Plutonium Shipment Restrictions Act

Pub.L. 96-295

Notification of States of Transportation of RAM

CATEGORY 4: ADMINISTRATION- AND INFORMATION-RELATED

Statutes/Regulations  
(Titles/Part)

Description

10 CFR Sec. 1.60

Statement of Organization - Office of Nuclear Material Safety and Safeguards

10 CFR Part 2

Rules of Practice for Domestic Licensing Proceedings

10 CFR Part 4

Nondiscrimination in Federally Assisted Commission Programs

10 CFR Part 9

Public Records

10 CFR Part 10	Criteria and Procedures for Determining Eligibility for Access to Restricted Data of National Security Information of an Employment Clearance
10 CFR Part 11	Criteria and Procedures for Determining Eligibility for Access to or Control Over Special Nuclear Material
10 CFR Part 19	Notices, Instructions, and Reports to Workers; Inspections
10 CFR Part 50, Appendix F	Domestic Licensing of Production and Utilization Facilities (Policy relating to the Siting of Fuel Reprocessing Plants and Related Waste Management Facilities) [Original definition of HLW]
10 CFR Part 70	Domestic Licensing of Special Nuclear Material
10 CFR Part 961	Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste
10 CFR Part 1005	Intergovernmental Review of Department of Energy Programs and Activities
10 CFR Part 1008	Records Maintained on Individuals (Privacy Act)
10 CFR Part 1016	Safeguarding of Restricted Data
30 CFR Part 43	Procedures for Processing Hazardous Conditions Complaints
30 CFR Part 48	Training and Retraining of Miners
30 CFR Part 745	State-Federal Cooperative Agreements
30 CFR Part 755	Tribal-Federal Intergovernmental Agreements
40 CFR Part 302, Subchapter J	Designation Reportable Quantities, and Notification [Superfund Program, Emergency Planning, and Community Right-To-Know Programs]
40 CFR Part 305, Subchapter J	Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Arbitration Procedures [Superfund Program, Emergency Planning, and Community Right-To-Know Programs]
40 CFR Part 1500, Chapter V	Purpose, Policy, and Mandate [Council on Environmental Quality]

40 CFR Part 1501, Chapter V	NEPA and Agency Planning [Council on Environmental Quality]
40 CFR Part 1503, Chapter V	Commenting [Council on Environmental Quality]
40 CFR Part 1504, Chapter V	Predecision Referrals to the Council of Proposed Federal Actions Determined to be Environmentally Unsatisfactory [Council on Environmental Quality]
40 CFR Part 1505, Chapter V	NEPA, and Agency Decisionmaking [Council on Environmental Quality]
40 CFR Part 1507, Chapter V	Agency Compliance [Council on Environmental Quality]
40 CFR Part 1508, Chapter V	Terminology and Index [Council on Environmental Quality]
49 CFR Part 107	Hazardous Materials Program Procedures
49 CFR Part 171	General Information, Regulations, and Definitions [Hazardous Materials Regulations]
49 CFR Part 172	Hazardous Materials Tables and Hazardous Materials Communications and Regulations (Marking)
Pub.L. 96-164	Department of Energy National Security and Military Applications of Nuclear Energy Authorization Act of 1980 [Section 210 bars the use of funds for licensing defense activities of facilities]
Pub.L. 83-703 (42 USC 2011-2284)	Atomic Energy Act of 1954, As amended
Pub.L. 93-438 (42 USC 5842-5877)	Energy Reorganization Act of 1974, As amended
5 U.S.C. 4701-4771	Intergovernmental Personnel Program
42 U.S.C. 9601-9674	Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA or Superfund)

CATEGORY 5:      QUALITY-ASSURANCE-RELATED

Statutes/Regulations  
(Titles/Part)

Description

10 CFR Part 21

Reporting of Defects and Noncompliance

10 CFR Part 50, Appendix B

Domestic Licensing of Production and  
Utilization Facilities (Quality  
Assurance Criteria for Nuclear Power  
Plants and Fuel Reprocessing Plants)