

United States Department of Energy



Project Charter (MSA-143)

DOE/UMTRA--400123-0000

DE93 009471

Received by OSTI
FEB 01 1993

JULY, 1986

Uranium Mill Tailings Remedial Action Project



MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

DISCLAIMER

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

Revision 1
July, 1986

U.S. DEPARTMENT OF ENERGY

URANIUM MILL TAILINGS REMEDIAL ACTION (UMTRA) PROJECT
(MSA-143)

PROJECT CHARTER

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.

URANIUM MILL TAILINGS REMEDIAL ACTIONS PROJECT

Table of Contents

	<u>Page No.</u>
I. Purpose	1
A. General	1
B. Specific DOE Program Objectives	2
II. Mission Project	2
A. Technology Development	2
B. State/Local/Public Relations	2
C. Inclusion Activities	3
D. Environmental Activities	3
E. Remedial Actions	3
F. Licensing and Maintenance	3
III. Organization	3
IV. Responsibilities and Authorities	4
A. Office of Nuclear Energy	4
B. Albuquerque Operations Office (AL)	6
V. Resources	8
A. Financial	8
B. Personnel	8
VI. Project Management Control System	8
A. Guidance	8
B. Documentation	9
VII. Approvals	9
Table 1 - Agency Responsibilities	10
Table 2 - Inactive Uranium Mill Tailings Sites	13
Table 3 - DOE Division of Responsibilities	14
Table 4 - UMTRA Project Document Responsibilities	18
Table 5 - Recommendations and Reports to Headquarters	19
Table 6 - Total Estimated Cost	20

PROJECT CHARTER
BETWEEN THE
OFFICE OF NUCLEAR ENERGY
AND THE
ALBUQUERQUE OPERATIONS OFFICE
FOR THE
URANIUM MILL TAILINGS REMEDIAL ACTIONS PROJECT

I. Purpose

A. General

Public Law 95-604, "The Uranium Mill Tailings Radiation Control Act of 1978" as amended assigns to DOE, other Federal agencies, and involved States and Indian tribes, responsibilities for remedial actions at 22 inactive uranium mill tailings sites listed in the Act, and for any other sites designated by the Secretary prior to November 8, 1979. The objective of the UMTRA Project is to provide remedial action at the mill tailings sites and associated vicinity properties in order to stabilize and control the tailings in a safe and environmentally sound manner and to eliminate potential health hazards caused by residual levels of uranium decay products that exceed EPA standards. A total of 24 uranium mill tailings sites (two at Rifle, CO; and two at Slick Rock, CO) have been designated by the Secretary. (See Table 1 for Federal agency responsibilities assigned in the Act and Table 2 for a listing of the sites included in the Act.)

In accordance with DOE Order 2020.1,^{*} the DOE responsibilities have been assigned to the Assistant Secretary for Nuclear Energy (ASNE). The Office of Nuclear Energy (NE) program management responsibilities have been assigned to the Office of Remedial Action and Waste Technology. NE has assigned day-to-day management responsibilities to Albuquerque Operations Office (AL). Table 3, as amended 01/10/86, describes the division of DOE Uranium Mill Tailings Remedial Actions (UMTRA) Program responsibilities under P.L. 95-604 between NE and AL. Other DOE offices are involved in the UMTRA Project, but not in the performance of responsibilities under P.L. 95-604.

This Project Charter delineates the respective responsibilities and authorities of NE and AL, and defines the terms and conditions for management of the UMTRA Project. Supplementary Project management documents which have been and are being developed pursuant to this Charter include a Project Plan (PP), a Project Management Plan (PMP) and other plans governing the accomplishment of the Project mission (see Table 4). Evolution of the program will require updates of the Project Plan and Project Management Plan.

^{*}DOE Order 2020.1, "Legislative Implementation System," dated November 7, 1978.

B. Specific DOE Program Objectives

1. To identify and designate inactive mill sites containing uranium mill tailings which were generated under Federal contracts, and to assess the potential health hazards from these materials and establish priorities for remedial action. Such designation is to include any residences, commercial structures and open lands (collectively referred to as "vicinity properties") in the vicinity of the mill sites which are contaminated with tailings from the mill sites. (Completed.)
2. To evaluate the feasibility of reprocessing of the tailings for the recovery of minerals. (Completed overall; site-by-site review.)
3. To develop uranium mill tailings stabilization and disposal technology and transfer such technology to the private sector for use at active tailings sites. (Completed.)
4. To stabilize and control the materials in a safe and environmentally sound manner in cooperation with States and Indian tribes, in accordance with pertinent Environmental Protection Agency (EPA) standards (40 CFR 192), consistent with other applicable law, and with the concurrence of the Nuclear Regulatory Commission (NRC).
5. To provide for public information and participation in the performance of remedial action at the mill sites and associated vicinity properties.
6. To certify to the NRC that the final disposal sites meet the requirements of the EPA standards.
7. To obtain a license for the sites from the NRC, providing for Federal custody and longtime maintenance and surveillance.

II. Project Mission

A. Technology Development

Develop mill tailings stabilization and disposal technology for application to Project activities and transfer to the private sector. (Completed.)

B. State/Local/Public Relations

Negotiate, execute, and administer cooperative agreements with affected State and Indian tribal governments. Coordinate Project activities with Indian tribes, State and local government officials, and with the public; and provide for a public information and public participation program.

C. Inclusion Activities

Conduct surveys of vicinity properties to permit determination as to the eligibility for cleanup under P.L. 95-604.

D. Environmental Activities

Manage preparation of National Environmental Policy Act (NEPA) documentation, and provide for Federal, State and local government and public involvement and review in the NEPA process.

E. Remedial Actions

Perform studies and analyses, including feasibility of reprocessing, leading to identification of remedial action options; select most appropriate remedial action option and obtain NE, NRC and State concurrence; accomplish engineering and design of remedial action option; and manage on-site remedial activities.

F. Licensing and Maintenance

Apply for post-remedial action licenses to the NRC; implement interim disposal site maintenance and surveillance pending NRC issuance of a license for long-term maintenance and surveillance and assignment to DOE (or other Federal Agency as the President may designate) responsibility for long-term maintenance and surveillance.

III. Organization

The Assistant Secretary for Nuclear Energy has full responsibility and authority for the management, planning and conduct of program activities. Headquarters responsibilities for the UMTRA Project have been assigned to the Office of Remedial Action and Waste Technology which has established a Division of Uranium Mill Tailings Projects to provide a Headquarters focal point. The Division Director serves as the Program Manager.

The Manager, Albuquerque Operations Office, has been assigned the responsibility and authority for the field management of the UMTRA Project, which includes the line management authority, responsibility and accountability for overall project management and contract administration in a manner consistent with approved UMTRA legislation, scope and baselines. Responsibility for management of the UMTRA Project within AL has been assigned to the Assistant Manager for Project and Energy Programs which has established a dedicated Project Office. Matrix support is provided to the Project Manager, as required, from the AL organization, including legal, procurement, budget, finance, quality assurance, health and safety, safeguards and security, and public affairs.

The UMTRA Project Office is supported by two major contractors: a Technical Assistance Contractor (TAC) and a Remedial Action Con-

tractor (RAC). The TAC develops and implements site characterization; monitors technology development; prepares NEPA documentation; develops site remedial action concepts; prepares site Remedial Action Plans, conceptual designs, and design criteria; reviews detailed designs prepared by the RAC; certifies performance of remedial actions; coordinates site licensing; and conducts interim surveillance and maintenance activities at disposal sites. The TAC is also responsible for development and implementation of Project-level programs for health and safety, quality assurance, and public participation. The RAC performs preliminary and detailed engineering for the vicinity properties, detailed engineering for the processing sites, and construction and inspection necessary for the conduct of remedial action work. The RAC is also responsible for on-site health and safety and administers site radiation monitoring efforts.

IV. Responsibilities and Authorities

A. Office of Nuclear Energy, Headquarters

The Headquarters offices perform programmatic cognizance and overview of the Project as described in DOE Order 5700.3, "Major System Acquisition Procedures." A detailed description of roles and responsibilities, including supporting organizations, is contained in DOE Order 5700.4, "Project Management Systems," Chapter II - Management Roles, Responsibilities, and Authorities." Specific UMTRA Project responsibilities are discussed in the following paragraphs.

The Assistant Secretary for Nuclear Energy (ASNE) has overall responsibility and authority for the UMTRA Project. In fulfilling this responsibility, the ASNE shall make key decisions not reserved for the Acquisition Executive such as relocation of tailings piles; approve the Project Charter and Project Plan and changes thereto; approve changes in UMTRA Project scope and technical, cost and key schedule baselines; periodically review progress of work, status of resource utilization, and major problems encountered and corrective actions; and promulgate, with assistance of other Headquarters offices, DOE regulations pursuant to P.L. 95-604. Approval will be required by the ASNE if the scope of the project is changed, or if the Total Estimated Cost increases by 10 percent, or if the schedule slips by three months. The Director, Office of Remedial Action and Waste Technology, has the responsibility to overview conduct of the UMTRA Project, review and approve baselines and changes thereto not reserved for the ASNE or Acquisition Executive, concur on the Project Charter and Project Plan and changes thereto, provide guidance on goals and objectives and their attainment, concur in selection of the Project Manager, and designate a Program Manager within the Office as the single point of contact for program activities and delegate the appropriate authority for performing the HQ management of UMTRA-related activities.

The Director, Division of Uranium Mill Tailings Projects, on behalf of the Assistant Secretary for Nuclear Energy and Director, Office of Remedial Action and Waste Technology, shall perform the following:

1. Develop Project policy and strategy and obtain management approval, as appropriate. Provide Project technical, financial, and policy guidance.
2. Establish, in consultation with the Project Manager, Headquarters controlled milestones and approve changes thereto.
3. Review and approve the Total Estimated Cost and changes thereto.
4. Review, concur and approve, as appropriate, Project documents as indicated in Table 4, UMTRA Project Document Responsibilities, and as required by Department Orders or other Federal regulations.
5. Review and approve site technical, cost and schedule baselines and changes thereto.
6. Monitor, review and periodically appraise Project performance and progress with respect to technical, cost and schedule baselines, policies, and strategies.
7. Serve as the focal point for contacts with the Office of Management and Budget (OMB), Congress, Environmental Protection Agency, and Nuclear Regulatory Commission (on policy matters).
8. Designate vicinity properties which could possibly contain residual radioactive material from UMTRA mill sites.
9. Provide annual Project guidance and budget assumptions and prepare submissions and requests for financial and personnel resources to Department management, OMB and Congress.
10. Review and approve the annual baseline plan and major changes thereto (e.g., priorities and changes in budget authority at the second level of the project work breakdown structure which exceed 1,000,000).
11. Provide funds through the Approved Funding Program (AFP) plan and revisions thereto during the course of the fiscal year in consultation with the Project Manager.
12. Prepare in coordination with the Project Manager supporting Project documentation and coordinate HQ review and approval activities (e.g., major system acquisition-related items). Coordinate and expedite Project environmental, health, and safety, and quality assurance documents, plans and activities with appropriate Headquarters offices.
13. Provide interagency (e.g., Environmental Protection Agency, Nuclear Regulatory Commission, Department of Interior, Department of Justice) liaison in support of project activities, including obtaining or coordinating concurrence

and approvals of other Federal agencies as required by P.L. 95-604. As requested by the Project Office, provide liaison and support interactions with local/State governments, Indian Nations/tribes, EPA, NRC, and other Federal agencies on matters requiring HQ consideration and advise the Project Office on the results of such interactions.

14. Participate with the Project Manager in establishing project monthly progress reporting and performance measurement systems.
15. Provide broad guidance regarding local/regional/State, public and private sector, international, and university liaison and participation.
16. Keep the Project Manager fully and timely informed of all program, Headquarters and other activities which may effect the Project.

B. Albuquerque Operations Office

The Manager, Albuquerque Operations Office has been assigned the responsibility and authority for field management of the UMTRA Project. In carrying out this assignment the Manager will establish a dedicated Project Office and select (in consultation with the Director, Office of Remedial Action and Waste Technology) a Project Manager and delegate appropriate authority to the Project Manager; provide field office matrix support (e.g., legal, procurement, quality assurance) to the Project Office; solicit, negotiate and administer contracts in support of the agreed upon Project acquisition strategy; pursuant to delegated authorities, determine and negotiate contract terms; and review and approve the Project Charter and Project Plan. The Assistant Manager for Projects and Energy Programs is responsible for the line management and coordination of AL projects, including the UMTRA Project, and will maintain an overview of Project performance in achievement of technical, cost and schedule baselines, review and recommend approval of the Project Charter and Project Plan, and approve the Project Management Plan.

The Project Manager, on behalf of the Manager and Assistant Manager, shall:

1. Implement Headquarters policy and overall program guidance, and recommend changes to Headquarters when appropriate.
2. Negotiate, execute, and administer cooperative agreements with State and local governments and Indian tribes.
3. Establish and execute (in coordination with Headquarters) public participation and information programs, liaison with State/local government officials and Indian tribes, and coordination with DOE regional offices.

4. Establish a technology development effort in accordance with Headquarters guidelines and in coordination with other DOE offices and Federal agencies (NRC and EPA).
5. Manage the survey and inclusion processes for designated vicinity properties and determine which of those properties require remedial action.
6. Manage mill site characterization, development of site conceptual designs, and Remedial Action Plan preparation.
7. Manage the preparation of environmental impact documentation, provide for logistics support of the NEPA process, and support Headquarters NEPA review and decision-making activities.
8. Manage mill site engineering and design development and vicinity property engineering.
9. Recommend for Headquarters approval: (a) decisions to acquire designated processing sites, (b) determination that removal of tailings from a processing site is necessary per DOE policy stated in Project Plan, and (c) decision to acquire lands to be used as disposal sites.
10. Manage radon monitoring programs at each site, before, during and after remedial action.
11. Manage mill site and vicinity property remedial actions.
12. Implement and manage interim and final mill site surveillance and maintenance program.
13. Prepare and maintain a Project Plan that describes schedule and resource requirements for the overall Project and supplemental project documents identifying site-specific schedule and resource requirements for each remedial action site.
14. Prepare and maintain a Project Management Plan that delineates roles and responsibilities of the UMTRA Project Office, other supporting field offices, contractors and the involved States and Indian tribes. Several of these aspects of the Project will also be the subject of more detailed individual plans as listed in Table 4. The plans specifically identified in Table 4 will be submitted for HQ review and approval.
15. Establish and implement project control and management systems in accordance with Headquarters guidance to monitor cost, schedule and technical status to ensure that Project objectives are achieved within budget and on schedule. In accordance with established change control procedures, recommend for Headquarters approval changes in baseline schedules and budgets. Provide reports to Headquarters as specified

in Table 5. Organize and present Project reviews semi-annually and at other times as agreed with Headquarters.

16. Monitor, evaluate and report on project technical, schedule and cost progress and accomplishments and the performance of all contractor participants. Institute or recommend changes in the Project as appropriate to improve progress, efficiency and public acceptance.
17. Prepare budget planning and execution information in accordance with established procedures and Headquarters guidance. Utilize allotted Project funds within the limitations of the financial plan.
18. Serve as the focal point for contacts with the NRC on project implementation.
19. Advise and otherwise assist Headquarters in the promulgation of regulations by DOE pursuant to Public Law 95-604.
20. Review international activities involving uranium mill tailings remedial action and make recommendations to Headquarters concerning possible U.S. participation.

V. Resources

A. Financial

The total estimated cost of the UMTRA Project is summarized in Table 6. The estimate has been extracted from the most recent complete estimate (May, 1985) of total project costs as adjusted for FY 1986 appropriations and FY 1987 budget submission.

B. Personnel

The AL assessment of the staffing requirements for the UMTRA Project Office and AL staff support (e.g., legal counsel, contracts) is set forth in the UMTRA Project Organization and Staffing Plan. As indicated in the Plan, it is estimated that the operational staffing requirement of the Project Offices is 19 positions in FY 1986. Additionally, three full time positions are required in the AL organizations supporting the Project Office.

VI. Project Management Control System

A. Guidance

AL will comply with all applicable DOE requirements, such as those presented in DOE Orders 2250.1, 5700.1, 5700.4 and supplements thereto.

B. Documentation


The Project Management Control System manual under revision, due October 1986, identifies the policies, methods and procedures used to plan, organize, report, evaluate and control UMTRA Project work.

Specific Project goals, objectives, milestones schedules and resource requirements are set forth in the Project Management Plan and the Project Plan.

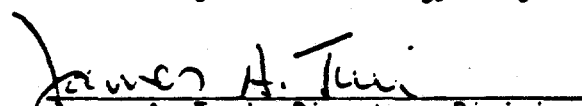
VII. Concurrence


John G. Themelis, Project Manager

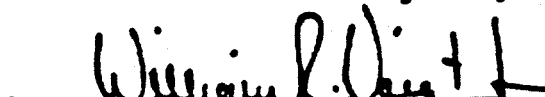
April 25, 1986
Date


Dennis L. Krenz, Assistant Manager
for Projects and Energy Programs

4/28/86
Date



James A. Turi, Director, Division
of Uranium Mill Tailings Projects

May 9, 1986
Date

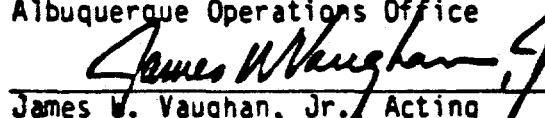

William R. Voigt, Jr., Director
Office of Remedial Action and
Waste Technology

June 4, 1986
Date

Approval:


Raymond G. Romatowski, Manager
Albuquerque Operations Office

May 5, 1986
Date


James W. Vaughan, Jr., Acting
Assistant Secretary for
Nuclear Energy

30 June 1986
Date

Table 1
 Agency Responsibilities Under Title I of the
 Uranium Mill Tailings Radiation Control Act of 1978
 Public Law 95-604

Major Task

Prime and Supportive Agencies

Section 102

Designate the 22 Congressionally identified inactive mill sites "processing sites." (Completed)

DOE

Identify and designate any other inactive mill sites requiring remedial action. (Completed)

DOE; consultation with NRC, EPA, State or Indian tribe and Secretary of the Interior.

Identify the boundaries of each designated site. (Completed)

DOE with NRC consultation.

Designate vicinity properties which may be contaminated with residual radioactive materials from UMTRA Project mill sites. (Completed)

DOE, in consultation with NRC, EPA, state or Indian tribe, and Secretary of the Interior.

Assess the potential health hazards and establish relative priorities for remedial action for each site. (Completed)

DOE, in consultation with EPA.

Notify the States, Indian tribes, and Secretary of the Interior of remedial action priorities.

DOE

Section 103

Enter into cooperative agreements with the States to perform remedial action at each designated site.

DOE, with concurrence of NRC.

Acquire designated processing sites.

State, where deemed appropriate by DOE, with concurrence of NRC.

Section 104

Identify and acquire land for the permanent disposition and stabilization of residual radioactive materials.

State with DOE and Secretary of the Interior.

Table 1 (Continued)
 Agency Responsibilities Under Title I of the
 Uranium Mill Tailings Radiation Control Act of 1978
 Public Law 95-604

<u>Major Task</u>	<u>Prime and Supporting Agencies</u>
Identify DOE-controlled or DOI administered land for the permanent disposition and stabilization of residual radioactive materials from processing sites, or acquire land "where otherwise necessary" for such permanent disposition and stabilization.	DOE, with NRC concurrence, and with the Secretary of the Interior.
Issue rules and regulations for land records documentation of tailings removed from a designated site.	DOE
Notify purchasers of designated sites of the removal of tailings.	States
<u>Section 105</u>	
Enter into cooperative agreements with the Indian tribes to perform remedial action at each designated site. (Completed)	DOE, with concurrence of NRC.
<u>Section 108</u>	
Request interest from private parties regarding the remilling of the residual radioactive materials at designated sites. (Completed)	DOE
Approve remilling operations at specific sites.	DOE with NRC concurrence.
Licensing of remilling operations.	NRC or State (if agreement state).
Select remedial action option and perform remedial actions at designated sites.	DOE with concurrence by NRC and full participation by State or Indian tribe and Secretary of the Interior.

Table 1 (Continued)
Agency Responsibilities Under Title I of the
Uranium Mill Tailings Radiation Control Act of 1978
Public Law 95-604

Major Task

Prime and Supporting Agencies

Section 111

Encourage public participation.

DOE, EPA and NRC.

Section 115

Conduct study to determine legal responsibility of any owner or operator for performing remedial action at designated sites.

Department of Justice.

Section 206

Prescribe general health and environmental standards for inactive uranium mill sites.

EPA

Table 2
Inactive Uranium Mill Tailings Sites
Designated Under P.L. 95-604

Salt Lake City, Utah
Green River, Utah
Mexican Hat, Utah
Durango, Colorado
Grand Junction, Colorado
Rifle, Colorado (two sites)
Gunnison, Colorado
Naturita, Colorado
Maybell, Colorado
Slick Rock, Colorado (two sites)
Shiprock, New Mexico
Ambrosia Lake, New Mexico
Riverton, Wyoming
Spook, Wyoming
Lakeview, Oregon
Falls City, Texas
Tuba City, Arizona
Monument Valley, Arizona
Lowman, Idaho
Canonsburg, Pennsylvania
Bowman, North Dakota
Belfeld, North Dakota
Edgemont, South Dakota*

*Vicinity properties associated with the TVA mill site in Edgemont were added to the scope of the UMTRA Project by virtue of P.L. 97-415, which amended P.L. 95-604.

Table 3 (Amended) - 01/10/86
DOE Division of Responsibilities

<u>Requirement of Law</u>	<u>Scope of Requirement</u>	<u>Primary Responsibility</u>
I. Designation of Processing Sites (Section 102).	1. Designation of 22 sites as Processing Sites by November 8, 1979 in Consultation with NRC (Section 102(a)(1)).*	NE**
	2. Designation of Other Processing Sites in U.S. Requiring Remedial Action by November 8, 1979 (Section 102(a)(1)).*	NE
	3. Establishment of Processing Site Boundaries in Consultation with NRC (Section 102(a)(1)).*	NE
	4. Notification of Governors of Affected States and Indian Tribes of the Processing Sites (Section 102(c)).*	NE
	5. Designation of Off-site Contaminated Properties in the Vicinity of Designated Processing Sites (Section 102(e)).*	NE
II. Establishment of Site Priorities (Section 102(b)).	1. Assessment of Health Hazards at Processing Sites by November 8, 1979 (Section 102(b)).*	NE**
	2. Establishment of Processing Site Priorities with Advice from EPA by November 8, 1979 (Section 102(b)).*	NE**
III. Establishment of Cooperative Agreements (Section 103 and § 105(a)).	1. Establishment of Cooperative Agreements with Affected States with NRC Concurrence (Section 103).	AL

*Activities completed.

**Activities were performed by the Office of Environment, Safety, and Health prior to transferring responsibilities to the Office of Nuclear Energy in 1983.

Table 3 (Amended) - 01/10/86 (Continued)
DOE Division of Responsibilities

<u>Requirement of Law</u>	<u>Scope of Requirement</u>	<u>Primary Responsibility</u>
	2. Establishment of Cooperative Agreements with Indian Tribes with NRC Concurrence (Section 105(a)).	AL
IV. Acquisition of Processing Site (Section 104).	1. Acquisition of Designated Processing Sites, where appropriate, with Concurrence of NRC (Section 104(a)).	States
	2. Issuance of Rules and Regulations to Require Notice in the Local Land Records (Section 104(d)).	NE
	3. Notify purchasers of designated sites of the removal of tailings.	States
	4. Sale, retention or transfer of acquired lands (Section 104(e)(1)).	NE
V. Acquisition of Disposal Site (Section 104 and 105(b)).	1. Determination and recommendation to NE that removal of Tailings from a Processing Site is Necessary (Section 104(b)(1) and 105(b)).	AL
	2. Acquisition of Land to be Used as a Disposal Site (Section 104(b)(1) and 105(b)).	States
VI. Acquisition of Land by Secretary (Section 106)	Acquisition of Land for consolidation of residual materials; use of public lands (Section 106).	AL
VII. Financial Assistance (Section 107).	1. Provide for Federal Payment of 90%; State 10% (Section 107(a)).	AL
	2. Federal payment of 100% of cost on Indian lands (Section 107(b)).	AL

Table 3 (Amended) - 01/10/86 (Continued)
DOE Division of Responsibilities

<u>Requirement of Law</u>	<u>Scope of Requirement</u>	<u>Primary Responsibility</u>
VIII. Remedial Action (Section 108).	1. Determination and recommendation to NE of Feasibility of Mineral Recovery as part of Remedial Action with NRC concurrence (Section 108(b)).*	AL
	2. Performance of Remedial Action in accordance with Standards Promulgated by EPA and NEPA requirements. (Section 108(a)).	AL
IX. Rules (Section 109).	DOE Promulgation of Rules for Remedial Action (Section 109).	NE
X. Enforcement (Section 110)	Penalties may be assessed for any violation of Title I (Section 110(a)).	NE
XI. Public Participation (Section 111).	DOE EPA and NRC Encouragement of Public Participation (Section 111).	AL
XII. Termination of Authorization (Section 112).	Authorization terminates seven years after promulgation of EPA standards (Section 112(a)).	NE
XIII. Transfer of Title (Section 104(f)).	Title to Tailings and Disposal Sites to be Transferred from States to DOE upon Completion of Remedial Action.	AL
XIV. Reports to the Congress (Section 114).	1. Annual Report to Congress through December 31, 1985 (Section 114(a)).*	NE

*Activities completed.

Table 3 (Amended) - 01/10/86 (Continued)
DOE Division of Responsibilities

<u>Requirement of Law</u>	<u>Scope of Requirement</u>	<u>Primary Responsibility</u>
	2. Report to Congress by July 1, 1979 on Sites Containing Residual Radioactive Material (Section 114(b)).*	EH
XV. Active Site (Section 115).	Exclusion of licensed, active sites (Section 115(a)).	NE
XVI. Study of Two Sites in New Mexico (Title III).	Possible Designation of Two Sites in New Mexico as Processing Sites (Section 302(a)).*	NE**

*Activities completed.

**Activities were performed by the Office of Environment, Safety, and Health prior to transferring responsibilities to the Office of Nuclear Energy in 1983.

Table 4
UMTRA Project Document Responsibilities

	NE	EH	PO
MANAGEMENT DOCUMENTS			
Project Charter	A/P		P
Project Plan	A		P
Project Management Plan	A		P
Project Work Breakdown Structure	R		A/P
Contractor Management Plan			A
Contractor Procedures			R
Project Surveillance & Maintenance Plan	A		A
PROJECT PROCEDURES			
Change Control Procedures	R		A
Public Information Plan	R		A
Public Participation Plan	R		A
Quality Assurance Plan	R	R	A
Environmental Health and Safety Plan	R	R	A
Vicinity Properties Management & Implementation Manual	R		A
Plan for Implementating EPA Standards at UMTRA Sites	R		A
Key Programmatic Steps and Activities for Implementing the UMTRA Program	R		A
Processing Site Certification Plan	A		A
TECHNICAL DOCUMENTS			
Site Characterization Reports	R		A
Comparative Analysis of Disposal Sites Alternatives Report	R		A
Environ. Assess./Impact Statement	A/R*	A	R
Remedial Action Plan	A		A
Detailed Design			A
Site Certification Reports	R		A
Site Surveillance and Maintenance Plans	R		A
Site License Application	R		A
SCHEDULE AND COST ESTIMATE DOCUMENTS			
Headquarters Controlled Milestones	A/P		R/I
Project Sites Master Schedule	A		P
Contractor Schedules			A
Project Schedule & Cost Estimate Report	C		A
Preliminary Design Estimate			A
Definitive Design Estimate			A

NE - UMTRA Program Office
EH - Office of Environment, Safety and Health
PO - UMTRA Project Office

A - Approve
R - Review
P - Prepare
C - Concur
I - Input

*Reviews all documents and approves Records of Decisions.

Table 5
Recommendations and Reports to Headquarters
Uranium Mill Tailings Remedial Actions Project

<u>Title</u>	<u>Frequency</u>
1. Project Schedule and Cost Estimate Report	Annually
2. Consolidated Project Budget Submission	Annually
3. Project Progress Report	Monthly
4. Annual Report to Congress	Annually
5. Current activities (telephone)	As required
6. Special topics, studies and reports	As required
7. Activities/Highlights Report	Weekly