

FINAL REPORT

Appendix

Independent Management and Financial Review

Yucca Mountain Project, Nevada

Peterson Consulting Limited Partnership

IN ASSOCIATION WITH

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July 15, 1995

SUBMITTED TO:

Mr. Charles Gray
National Association of Regulatory Utility Commissioners
Interstate Commerce Commission Building, Room 1102
12th Street at Constitution Avenue, N.W.
Washington, D.C. 20423
(202) 898-2200

and the

SPECIAL REVIEW PANEL:

Commissioner Judith M. Sheldrew
State of Nevada, Public Service Commission
Carson City, Nevada

Mr. Alex Radin
President
Radin & Associates
Washington, D.C.

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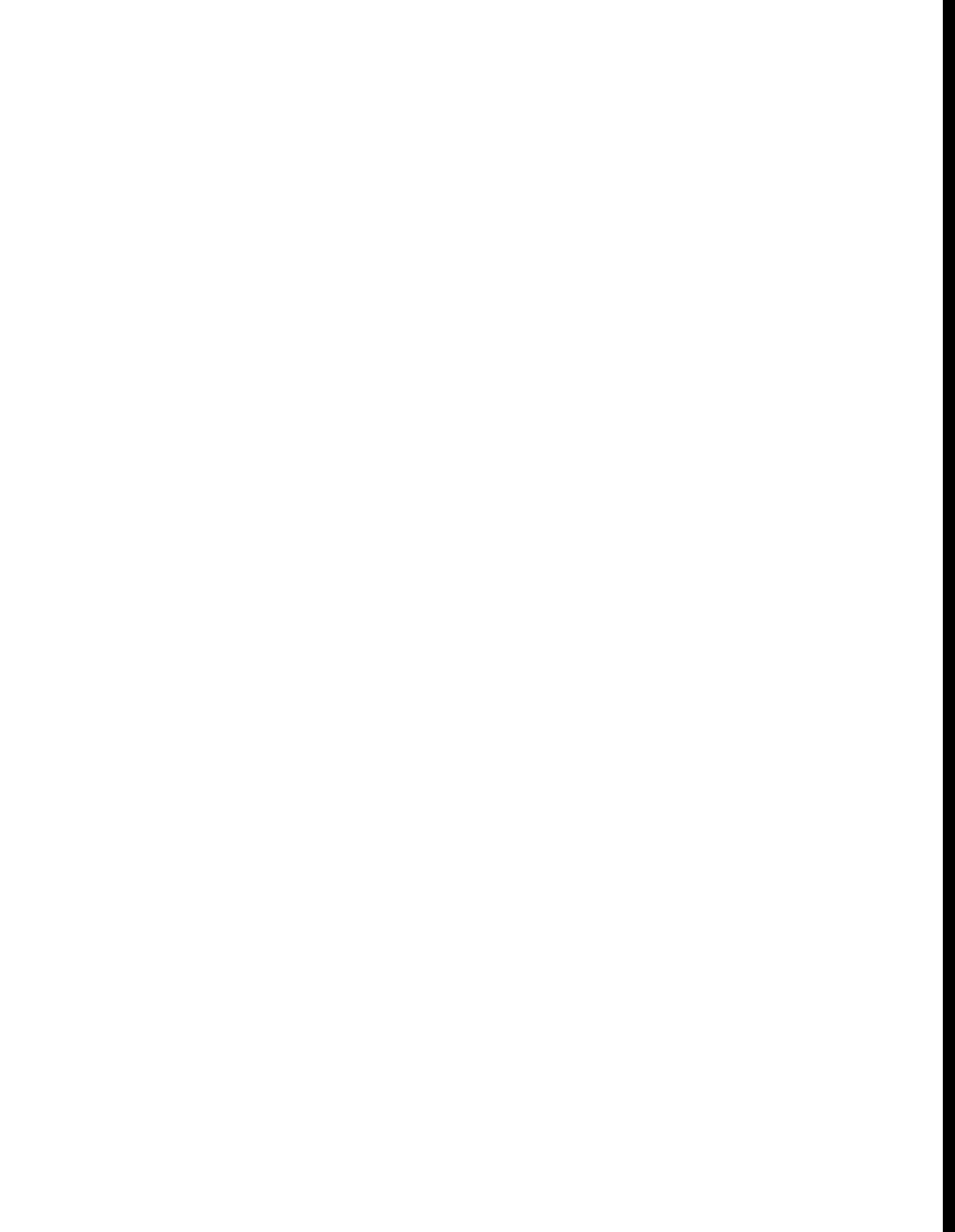
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NARUC SCOPE OF WORK



SCOPE OF WORK

Financial and Management Review

Yucca Mountain Project

Background

The Nuclear Waste Policy Act of 1982 (Public Law 97-425), as amended by Public Law 100-203, December 22, 1987, established the Office of Civilian Radioactive Waste Management (OCRWM) within the Department of Energy (DOE), and directed the Office to investigate a site at Yucca Mountain, Nevada, to determine if this site is suitable for the construction of a repository for the disposal of high level nuclear waste. Work on site characterization has been under way for several years. Thus far, about \$1.47 billion have been spent on Yucca Mountain programs. This work has been funded by Congressional appropriations from a Nuclear Waste Fund to which contributions have been made by electric utility ratepayers through electric utilities generating power from nuclear power stations.

The Secretary of Energy and the Governor of the State of Nevada have appointed one person each to a panel to oversee an objective, independent financial and management evaluation of the Yucca Mountain Project.

Objectives

The Requirements for the work will include an analysis of (1) the Yucca Mountain financial and contract management techniques and controls; (2) Project schedules and credibility of the proposed milestones; (3) Project organizational effectiveness and internal planning processes, and (4) adequacy of funding levels and funding priorities, including the cost of infrastructure and scientific studies. The recipient will provide monthly progress reports and the following reports/documents will be presented as deliverables under the contract:

1. Financial and Contract Management Preliminary Report
2. Project Scheduling Preliminary Report
3. Project Organizational Effectiveness Preliminary Report
4. Project Funding Levels and Funding Priorities Preliminary Report
5. Final Report

Work Program

The work program of the recipient shall specifically include the following:

- A. Financial and Contract Management Techniques and Controls

1. Analyze the DOE financial and contractual management system to assess techniques and controls to manage contractors.
2. Determine how DOE organizes and manages the Project to maximize the use of available funds on scientific and technical activities that are essential to determining site suitability/licensability. Assess steps taken by DOE to reduce the cost of site characterization, and additional steps which might be taken in this regard, without jeopardizing scientific studies.
3. Is there a relationship between the work identified in the Mission 2001 study that would/could be deferred and the work to be deferred under DOE's new site characterization approach? Specifically, what are the criteria, processes and/or mechanisms used by DOE to make reductions in previously planned scientific work? What should be the criteria? What roles do the various change control boards play in assuring that any decision to reduce or eliminate scientific studies is based on scientific rather than cost or schedule considerations? What role will the new Chief Scientist position play in ensuring that all the science that is necessary is done? Why were DOE's budget requests to implement the "logical sequencing of activities to accomplish license application" as stated in the Executive Summary of the Mission 2001 exercise approximately \$900 million less for fiscal years 1991-1994 than the approved cost, schedule, and technical baselines for the project? What assumptions led DOE to believe that adequate

funds would be provided once the sequencing of activities to accomplish the tasks needed for license application were outlined in the Mission 2001 plan?

4. Evaluate the management process used by DOE to make its decision to purchase a large diameter tunnel boring machine (TBM), rather than having a contractor perform this work. For example, what analyses were prepared, and by whom, as inputs to the procurement decisions? Were recognized tunnel boring experts consulted? What factors (cost, schedule, etc.) were weighed, by whom, in making the decision? In light of a constrained budget, what factors were considered by DOE in its decision to purchase a large-diameter TBM rather than a smaller diameter machine?
5. Analyze the studies that would be deleted if funding is constrained to the existing level, and the significance of the unavailability of that data to site suitability and license determination.
6. Assuming constrained funding, estimate how long it will take to complete the work that must be done to determine the suitability/licensability of the site. Alternatively, assuming a budget enhanced beyond that proposed by the Administration for fiscal year 1995, estimate how long it will take to complete the work that must be done to determine the suitability/licensability of the site.

B. Project Schedules and Credibility of Milestones

1. Assess DOE's strategy for contingency planning.. Include analysis of potential program sunk costs relative to alternative selected by DOE.
2. Analyze the reasonableness of program schedules and milestones, given alternative funding scenarios developed by DOE in 1994.
3. Determine whether DOE's self-imposed schedules would constrain scientific investigations to an extent that would impair DOE's ability to reach sound site suitability and licensability determinations.
4. Evaluate the management process DOE followed that led to the decision to develop the dry drilling technology, procure the special rig, and assume the funding would be adequate to purchase several more rigs and operation all of them efficiently. Further, in view of different funding scenarios, the recipient should evaluate the Project Office's effort to reduce the projected drilling program while still acquiring essential data, and the impact of that decision on suitability/licensing requirements.

C. Project Organizational Effectiveness and Internal Planning Processes

1. In light of existing regulatory requirements, assess the management and organizational structure, including resources needed to understand and apply the requirements of the program. Determine to what extent project funds are being used to satisfy internal DOE requirements, and whether some of these regulatory requirements could be waived or adjusted to conserve project funds.
2. Analyze DOE's relationship to contractors, cooperative agreement recipients and its institutional program to assess effectiveness, controls, and deliverables and schedules.
3. Analyze the DOE organization to assess the effectiveness of the integration, including internal planning processes and systems, of the Yucca Mountain Project Office, Nevada Operations Office, DOE Headquarters, and OCRWM. Specifically, address the following questions:
 - a. What is the best way to organize the management of a scientific investigation project such as this?
 - b. Is it cost effective and efficient to have OCRWM based in Washington when the disposal program is essentially based in Las Vegas?
 - c. Should DOE personnel be the on-site project managers or should they

concentrate their resources on setting the objectives of the project and overseeing a management contractor to ensure the objectives are met? If DOE manages the project, does it have or can it acquire sufficient technical skills to effectively perform this function?

4. Evaluate the role of the management and operating contractor, especially in relationship to DOE staff and other contractors. Is the correct mix of contractors, and the distribution of work among them, the best scientific and most cost-effective way to characterize the site? Should the Project's ties to the Nevada Test Site be severed entirely, both administratively and physically? The recipient should evaluate the changes that DOE is making at the project, what effect these changes may have on improving relationships among contractors and between DOE and the management and operating contractor, whether DOE considered more fundamental changes, and whether additional changes would enhance the project.

5. Evaluate whether adequate efforts are being made to integrate the views of stakeholders during the decisionmaking process. What are the criteria by which DOE evaluates the adequacy of its efforts to integrate stakeholders' views in the decisionmaking process? What has DOE done to implement the recommendations of the Secretary's task force on public trust and confidence?

6. Evaluate whether decisionmaking is being spread among too many managers, and whether program activities are too dispersed geographically.

D. Adequacy of Funding Levels and Funding Priorities

1. Provide a total system life cycle cost analysis of the overall mission and program in order to identify the costs of the functional elements of the program, including a total system life cycle costs analysis of the funding levels needed in the Nuclear Waste Fund to pay for a repository through the time it has reached closure under the current program plan and proposed program plans currently being considered by DOE. Determine whether or not the methodology is adequate to provide data precise enough to insure the integrity of the Nuclear Waste Fund and the adequacy of the fees charged through utilities to their customers.

The examination described above should include the actual expenses incurred through fiscal year 1994 (or through fiscal year 1993, if 1994 data are not available) and the additional costs necessary to complete characterization of the Yucca Mountain site, as described in Section 113(c) of the NWPA under the current program plan and any proposed program plan currently being considered by DOE.

2. Assess the allocation to date of funds between scientific and technical activities, and those used to support the project's infrastructure, and evaluate alternative funding allocations which would better achieve the project's objectives. The recipient should determine if the project's objectives are consistent with the funding profile in a constrained budget environment and the legislative requirement to characterize a site versus construct a repository.
3. Evaluate the benefits and risks of DOE's proposal for the establishment of a revolving fund which would be used to fund part or all of the financial requirements of the project. The evaluation should include an assessment of where the increased funds would likely be spent, and the ability of the project to absorb, with a high degree of efficiency, the increase in funding. Also indicate whether establishment of the fund would likely lead to greater stability of the project, from one Administration to another.
4. Assess the cost effectiveness of using a multipurpose cask, in the absence of a monitored retrievable storage facility. Is it prudent to expend large sums of money to develop a multipurpose cask without the benefit of thermal testing and other crucial information on aspects of the proposed repository, in the absence of a legal determination as to the obligation of the Federal government to provide storage for civilian nuclear wastes by 1998?

5. Evaluate the implications for funding and schedules of uncertainty about the Ghost Dance and Sundance Faults. Has DOE considered whether it would be prudent to study the remainder of the surface areas of Yucca Mountain where the repository would be sited in the same way that the U.S. Geologic Survey is examining these faults? What would be the implication of such studies on funding and scheduling?
6. Assess the allocation of funds between the Yucca Mountain Project, the monitored retrievable storage facility, and the transportation system. Has this allocation retarded the site characterization process? Is this allocation balanced properly relative to DOE's waste management mission?
7. Review the criteria that would disqualify the site and measure how efficiently and effectively funds for activities that could facilitate identification of features that would disqualify the site are being expended.

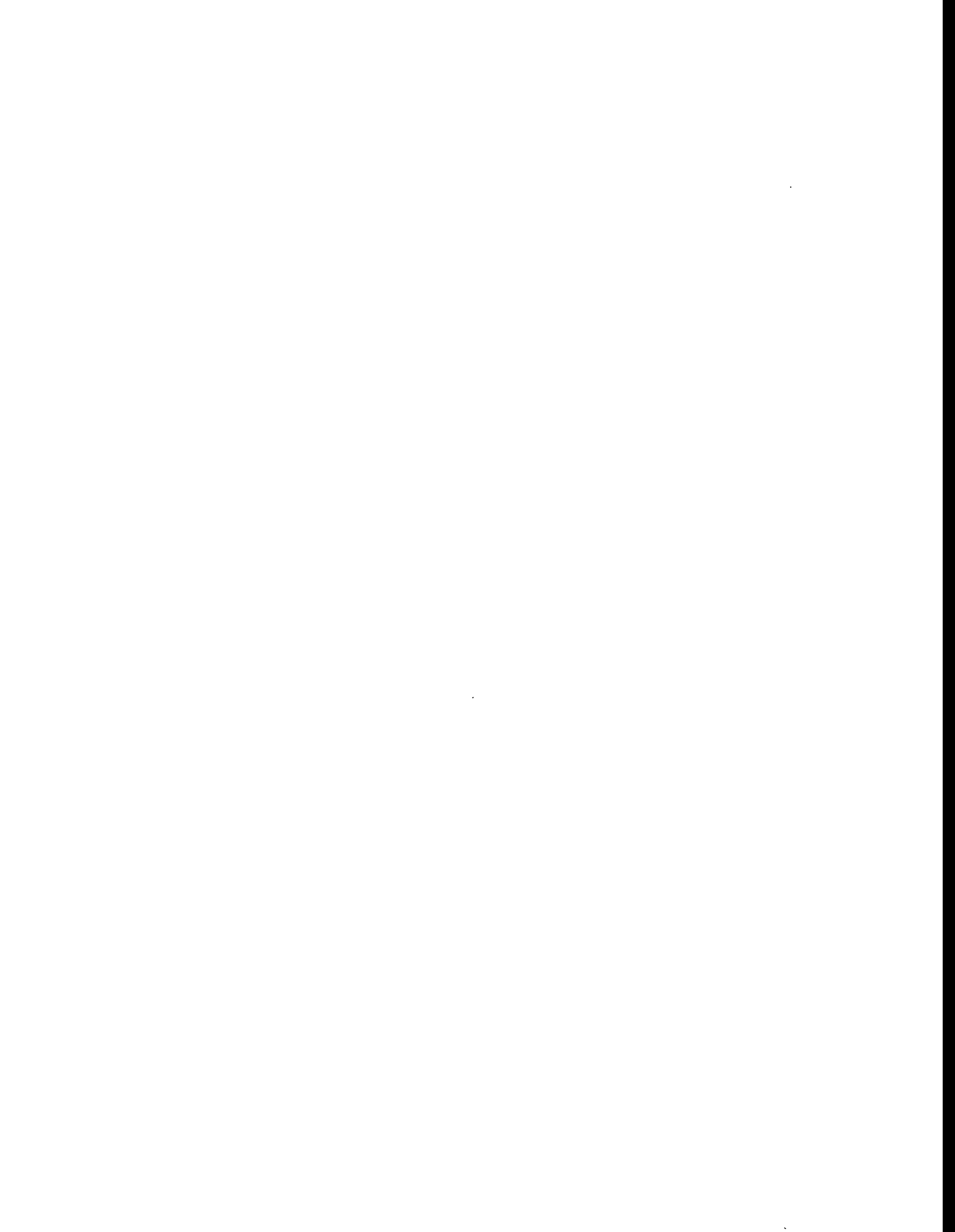
E. General

If not already covered above, review recommendations, responses and implementation status of recommendations made during the past five years with regard to the Yucca Mountain Project in studies or letter reports by the Nuclear Waste Technical Review Board, the General

Accounting Office, the DOE Inspector General, other federal agencies,
and major reports referenced in the Report on Selected Published Works
and Written Comments Regarding the Office of Civilian Radioactive
Waste Management Program, 1989-1993, by Dr. James A. Thurber,
Center for Congressional and Presidential Studies, the American
University, March 1, 1994.



LIST OF PERSONNEL INTERVIEWED



PERSONNEL INTERVIEWED
Grouped by Organization/Name

Affected Units of Local Government

Dennis	Bechtel	Clark County
Phillip	Blount	Clark County
Les	Bradshaw	Nye County
Peter	Cummings	City of Las Vegas
A.C.	Douglas	City of Las Vegas
Charity	Fechter	City of North Las Vegas
Juanita	Hoffman	Esmeralda County
Abigail	Johnson	Consultant to Eureka County
Lloyd	Levy	Consultant to Nye County
Bob	Loux	State of Nevada
Nancy	McNeill	City of North Las Vegas
Ferd	Mariani	White Pine County
Rex	Massey	Lander County
Brad	Mettham	Inyo County
Phil	Niedzielkski-Eichner	Nye County
Vernon	Poe	Consultant to Mineral County
Jim	Regan	Churchill County
Mike	Sanders	Clark County
Jim	Williams	Consultant to Nye County

General Accounting Office

Bob	Antonio
Gary	Boss
Gene	Buchert
Michael	Gilbert
Jeffrey	Heil
Carrie	Stevens
Joanne	Weaver
Dewayne	Weigel

PERSONNEL INTERVIEWED
Grouped by Organization/Name

M&O

David B.	Abel	
Ken	Beall	SAIC
Jim	Beyer	Duke Power
Donald E.	Curry	
Jeff	Gardner	TRW
Tom	Geer	Duke Power
Colin A.	Heath	TRW
Renee	Knott	REEC Co
Jack	Nesbitt	TRW
Bea	Reilly	
Robert M.	Sandifer	TRW
Alden	Segrest	Duke Power
Tom	Statton	
Lee	Stern	TRW
Ray	Sunday	REEC Co
Michael	Vogle	
Jean	Yunker	TRW

OCRWM

Lake H.	Barrett	
Syed	Bokhairi	OWAST
James C.	Bresec	
Alan B.	Brownstein	
Linda	Desell	OWAST
Daniel A.	Dreyfus	
Donald G.	Horton	
Christopher A.	Kouts	
Ronald A.	Milner	
Samuel	Rouso	
John	Scango	
Charles M.	Smith	
Victor W.	Trebules	
Jeffery R.	Williams	OWAST
Trudy A.	Wood	

PERSONNEL INTERVIEWED
Grouped by Organization/Name

Yucca Mountain Site Characterization Office

Robert	Barton
Stephan J.	Brocoum
Gregory M.	Cook
Richard	Craun
Wendy R.	Dixon
Russel J.	Dyer
John G.	Gandi
Carl	Gertz
April	Gil
Birdie	Hamilton-Ray
Bruce D.	Hutchinson
Vincent F.	Iorii
Kathy	Izell
Susan B.	Jones
Wayne N.	Kozai
Roy C.	Long, Jr.
Robert M.	Nelson
Russell L.	Petterson
Kenneth W.	Powers
Jim	Replogle
Susan	Rives
Lauretta	Rost
Dennis	Royer
Richard E.	Spence
Jane	Summerson
Dave	Wanninger
Harry C.	White, Jr.
Walter J.	White
Dennis	Williams

Nuclear Regulatory Commission

Mel	Knapp
-----	-------

Nuclear Waste Technical Review Board

William	Bernard
Russel	McFarland
Daniel	Metlay

Department of Energy Inspector General

Greg	Friedman
Kenneth	Sands
Roy Taylor	

PERSONNEL INTERVIEWED
Grouped by Organization/Name

Nuclear Waste Task Force

Judy Treichel

Nevada Nuclear Waste Study Committee

Esther Ramos
Hal Rogers
Paul Seider

Nuclear Energy Institute

Christopher J. Henkel
Steven Kroft
Eileen M. Supko

MOAPA Band Of Paiutes

Calvin Meyer

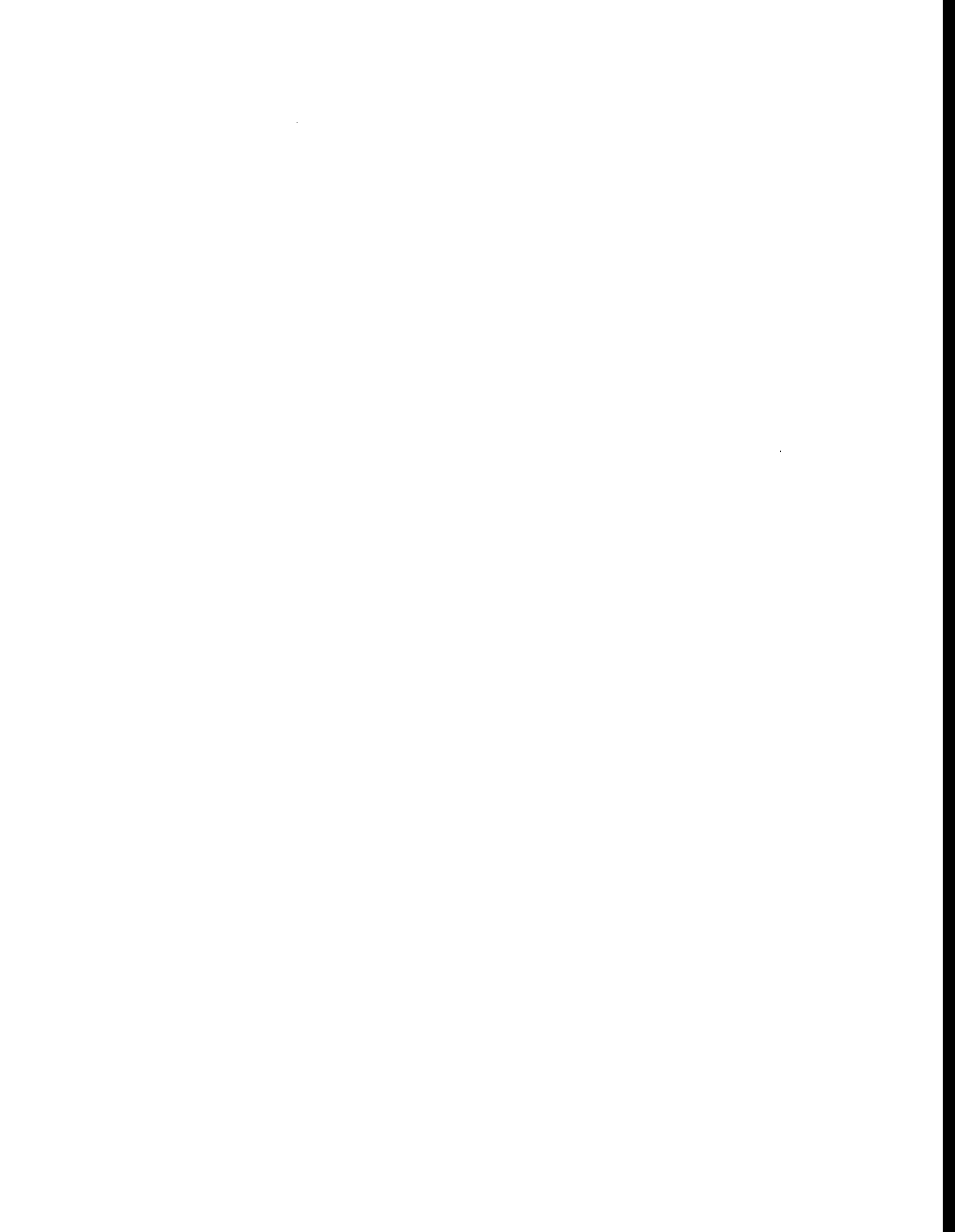
PMO

Peter Burke
Mike Cline
Betty Cruz
Jim Frank
Brent Hurst
M.J. Kamna
Miguel A. Lugo
Hank Osterhoudt
Robin St. Clair
Glenn Vawter

Other

Frank Bupp

**LIST OF PUBLIC COMMENTS RECEIVED
IN RESPONSE TO THE
PRELIMINARY REPORT**



**LIST OF PUBLIC COMMENTS RECEIVED IN
RESPONSE TO THE PRELIMINARY REPORT**

1. **Statement for the Record, Steven Kraft, Manager, High-level Waste Nuclear Energy Institute, Presented Before the Special Review Panel, Washington, DC, June 8, 1995.**
2. **Submission for the record for the Independent Management and Financial Review of the Yucca Mountain Project, Public comment Hearing, Washington, DC, June 8, 1995; To accompany as indicated in text of remarks made on that day by Michael E. Gilbert, U.S. General Accounting Office. "List of Studies on Addressing Placement of the OCRWM Program Outside of DOE".**
3. **Special Review Panel Testimony, William Vasconi, Chairman, Site Specific Advisory Board, Member, Community Re-use Organization, Las Vegas, Nevada, June 15, 1995.**
4. **Draft letter from Victor S. Rezendes, Director of Energy and Science Issues, U.S. General Accounting Office.**
5. **"Combined List of Staff Concerns With the Peterson Report," from William D. Barnard, Nuclear Waste Technical Review Board.**
6. **Letter from Daniel A. Dreyfus, Director of the Office of Civilian Radioactive Waste Management.**
7. **Memorandum from Les W. Bradshaw, Program Manager, Nye County Nuclear Waste Repository Project Office, with attached comments by J.M. Williams of Planning Information Corporation regarding the TSLCC of the Program Approach: Preliminary Draft.**
8. **Memorandum from Les W. Bradshaw, Program Manager, Nye County Nuclear Waste Repository Project Office, regarding the Independent Management and Financial Review: Preliminary Report.**
9. **Letter from Brad Mettam of Inyo County, California Planning Department regarding Comments on the Preliminary Independent Management and Financial Review Report.**
10. **Letter from Judy Treichel, Executive Director of the Nevada Nuclear Waste Task Force, Inc. regarding Comments on the Independent Management and Financial Review, Yucca Mountain Project, Nevada, Preliminary Report, May 19, 1995.**
11. **Letter from Sandy Green, Project Coordinator for the Eureka County Yucca Mountain Information Office regarding comments on the Independent Management and Financial Review Preliminary Report.**
12. **Letter from Dennis A. Bechtel, Coordinator of the Clark County Department of Comprehensive Planning, Nuclear Waste Division, regarding the Independent Management and Financial Review.**

13. Letter from **Ronald C. Callen of the State of Michigan Public Service Commission.**
14. Letter from **Robert R. Loux, Executive Director of the State of Nevada Agency for Nuclear Projects Nuclear Waste Office** regarding comments on the Preliminary Report May 19, 1995, Independent Management and Financial Review, Yucca Mountain Project, Nevada.
15. Letter from **Alan E. Waltar, President of the American Nuclear Society,** regarding comments on the Preliminary Report, Independent Management and Financial Review, Yucca Mountain Project.
16. One-page Organizational Chart showing DOE's **Chief Scientist Plan.**
17. **The Study Committee Comments Re: Review Team Preliminary Report**

**ANALYSIS OF AWARD FEE
CRITERIA WEIGHTING AND METRICS**



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 Independent Financial and Management Review
 Financial and Contract Management Techniques and Controls Analysis of the Yucca Mountain Project
 Analysis of Award Fee Criteria Weighting and Metrics
 For the Six-Month Evaluation Period Ending March 31, 1995

	Weight	(Y/N)	Metrics	%	Cost	%
					(Y/N)	Cost

A. Policy Development

Goal 1: Lead the Collaborative Development and Implementation of National Policy for the Disposal of High-Level Radioactive waste.

Goal 2: Participate Actively in Key Deliberations Which Affect Disposal of DOE Nuclear Materials

Criterion (a): Support OCRWM actions to meet its strategic goals 1 and 2.

Policy Development Total:

B. Management

Goal 3: Strengthen Fiscal and Program Management Practices.

Criterion (a): Increase efficiency of operation and establish a comprehensive program-wide cost conscious culture

Criterion (b): Increase effectiveness of the OCRWM project control system by reducing the amount of level of effort (LOE) in the TESS performance measurement baseline from the current 65 - 70%

Criterion (c): Develop a Program baseline and monitoring and evaluation system which integrates cost and schedule performance data in accordance with the OCRWM Director's selected program.

Criterion (d): Develop a YMSCO project baseline and monitoring and evaluation system which ingrates cost and schedule performance data in accordance with the OCRWM Director's selected program.

5%	Y	5%	N	0%	N	0%
5%		5%				0%
4%	N	0%	Y	4%		
2%	Y	2%	N	0%		
3%	Y	3%	N	0%		
2%	Y	2%	N	0%		

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	Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
Criterion (e): Develop a WAST project baseline which integrates technical, cost, and schedule data in accordance with the OCRWM Director's selected program.	2%	Y	2%	Y	2%
Criterion (f): Subjective evaluation of the M&O's support to YMSCO Project Management Office and its integration of contractor's efforts. (YMSCO PMO).	4%	N	0%	N	0%
Criterion (g): Develop and implement an approach to improve the system engineering process.	5%	Y	5%	Y	5%
Goal 4: Enhance Effective Use of Human Resources					
Criterion (a): Promote diversity in the workforce and professional management staff.	2%	Y	2%	N	0%
Criterion (b): Continue promoting a Total Quality Management culture across the Program.	1%	Y	1%	N	0%
Management Total	25%		17%		11%

C. Waste Acceptance Storage and Transportation

Goal 5: Resolve the 1998 Waste Acceptance Issue
 Waste Acceptance, Transportation, and MRS/MPC within WAST and with MGDS, and including the bases for recommendations and alternative positions, Rulemaking (NOPR) modifying the Standard Disposal Contract to address these items.
 Criterion (c): Advance the Process of Waste Acceptance.

	3%	Y	3%	N	0%
	4%	Y	4%	Y	4%
	2%	Y	2%	Y	2%

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	Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
Goal 6: Provide for Interim Storage, Timely Waste Acceptance and Transportation of Spent Fuel Compatible with Disposal.					
Criterion (a): Award the MPC design contract(s) in time to allow sufficient time for design, fabrication and a 1998 deployment.	5%	Y	5%	N	0%
Criterion (b): Improve performance activities required to obtain certification of a MPC system for deployment by 1998.	3%	Y	3%	N	0%
Criterion (c): Improve performance in the Transportation Institutional area.	3%	Y	3%	N	0%
Criterion (d): Develop and certify a highway transportation cost system for PWR and BWR commercial SNF.	3%	Y	3%	Y	3%
Criterion (e): Improve the WASTE ES&H program.	2%	Y	2%	N	0%
Waste Acceptance Storage and Transportation Total	25%		25%		9%

D. Geologic Disposal System

Goal 7: Determine Site Suitability for the Yucca Mountain Candidate Repository Site

 Criterion (a): Implement an M&O Safety and Health (S&H) plan that promotes a proactive safety and health culture, provides a safe and health workplace for employees and protects the public.

 Criterion (b): Execute a plan for institutional and outreach policies, procedures, planned, activities, and concerns.

 Criterion (c): Improve the timeliness and quality of the design packages.

4%	Y	4%	N	0%
2%	Y	2%	Y	2%
4%	Y	4%	Y	4%

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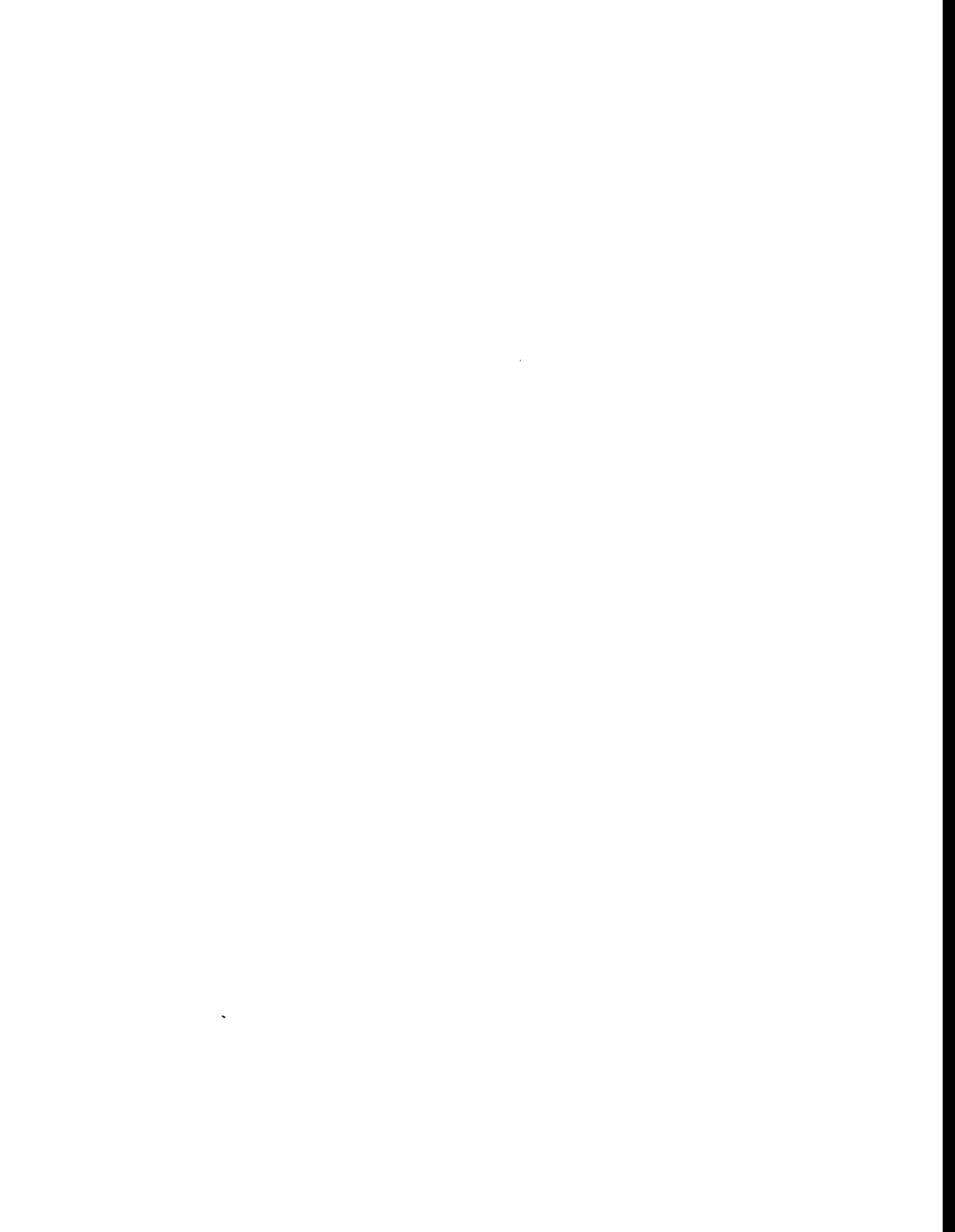
	Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
Criterion (d): Develop abstract model results for Total System Performance Assessment (TSPA-1995) and conduct analyses of total system and subsystem performance.	3%	N	0%	N	0%
Criterion (e): Implement actions necessary to support an early site suitability evaluation.	5%	Y	5%	N	0%
Criterion (f): Define the process for determining the technical need and approach for Characterizing the Calico Hills unit.	3%	Y	3%	N	0%
Criterion (g): Prepare annual and long range planning documents necessary for site characterization scientific programs in accordance with the OCRWM Director's selected program and Technical Site Suitability (TSS) milestones. (YMSCO PMO).	3%	Y	3%	N	0%
Criterion (h): Integrate test requirements and prepare documents necessary to implement the field testing program.	3%	Y	3%	N	0%
Criterion (i): Develop an effective long-range Project Technical Implementation Plan (LRPTIP) in accordance with the OCRWM Director's selected program to support development of the associated WBS Level Technical Implementation Plans (YMSCO PMO).	3%	Y	3%	N	0%
Criterion (j): Establish effective controls for the construction management function for YMP construction activities and intergration of YMP testing function	5%	Y	5%	N	0%
Criterion (k): Deliver a draft EIS Notice of Intent (NOI) to YMSCO/AMESH for publication in the Federal Register to describe the proposed action to be addressed by the EIS and invite public involvement.	2%	Y	2%	N	0%

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Financial and Contract Management Techniques and Controls Analysis of the Yucca Mountain Project
 Analysis of Award Fee Criteria Weighting and Metrics

For the Six-Month Evaluation Period Ending March 31, 1995

	Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
Goal 8: Provide for Timely Waste Emplacement in a Disposal Facility					
Criterion (a): Demonstrate progress towards completing the repository and engineered barrier system designs.	3%	Y	3%	N	0%
Criterion (b): Proved Regulatory and license application strategies and documentation.	3%	Y	3%	N	0%
Criterion (c): Develop a Project Management Plan (PMP) outlining milestones for capturing LSS-bound data to support the DOE license Application to the NRC and maintain Project and Program level software	2%	Y	2%	N	0%
Geologic Disposal System Total:	45%		42%		6%
Grand Total	100%		89%		26%



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For the Six-Month Evaluation Period Ending September 30, 1995

Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
5%	N	0%	N	0%
5%		0%		0%

A. Policy Development

Goal 1: Lead the Collaborative Development and Implementation of National Policy for the Disposal of High-Level Radioactive waste.

Goal 2: Participate Actively in Key Deliberations Which Affect Disposal of DOE Nuclear Materials

Criterion (a): Support OCRWM efforts to meet Goals 1 and 2.

Policy Development Total:

B. Management

Goal 3: Strengthen Fiscal and Program Management Practices.

Criterion (a): Increase efficiency of operations and maintain a comprehensive program wide cost conscious culture. A subjective evaluation will be used to measure Contractor effectiveness.

Criterion (b): Improve records management and information management systems.

Criterion (c): Develop a Program baseline and monitoring and evaluation system which integrates cost and schedule performance data in accordance with the OCRWM Director's selected program.

Criterion (d): Develop a project baseline and monitoring and evaluation system which integrates cost and schedule performance data and the technical baseline in accordance with the OCRWM Director's selected program.

Criterion (e): Develop a WAST project baseline which integrates technical, cost, and schedule data in accordance with the OCRWM Director's selected program.

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Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
3%	N	0%	Y	3%
4%	Y	4%	N	0%
1%	N	0%	N	0%
24%		16%		9%

Criterion (f): Subjective evaluation of the M&O's support to YMSCO Project Management Office (YMSCO PMO).

Criterion (g): Refine and implement an improved systems engineering process to facilitate effective program management responsive to the needs of the Director and the successful development of an integrated CRWMS.

Goal 4: Enhance Effective Use of Human Resources

Criterion (a): Promote diversity in the workforce and professional staff. The measurement standards listed below apply to the current award fee period. In addition to these standards, a demonstrated good faith effort is required to increase the representation of women and minorities in management and senior-level engineer/scientific job groups from the current levels of 20% women and 8% minorities by March 30, 1996.

Management Total

C. Waste Acceptance Storage and Transportation

Goal 5: Resolve the 1998 Waste Acceptance Issue

Criterion (a): Develop and implement a WAST Strategic Plan that integrates Waste Acceptance, Transportation, and MRS/MPC within WAST and with MGDS.

Criterion (b): Initiate a formal rulemaking process to modify the Standard Disposal Contract and to incorporate the Multi-Purpose Canister subsystem.

Criterion (c): Improve the waste acceptance system by completing the following activities

Peterson Consulting Limited Partnership/John Reiss, Jr. & Associates
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 Financial and Contract Management Techniques and Controls Analysis of the Yucca Mountain Project
 Analysis of Award Fee Criteria Weighting and Metrics
 For the Six-Month Evaluation Period Ending September 30, 1995

	Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
Goal 6: Provide for Interim Storage, Timely Waste Acceptance and Transportation of Spent Fuel Compatible with Disposal.					
Criterion (a): Develop a waste acceptance process consistent with the needs of the Federal Government and the owners and generators of SNF and high-level radioactive waste. Ensure that all program elements meet national and international requirements for the safeguarding of special nuclear materials.	2%	Y	2%	Y	2%
Criterion (b): Complete critical activities required to obtain certification of an MPC system for deployment by 1998.	3%	Y	3%	N	0%
Criterion (c): Develop and certify a highway transportation cask system for PWR and BWR commercial SNF.	2%	Y	2%	Y	2%
Criterion (d): Award the MPC design contract(s) in time to allow sufficient time for design, fabrication and a 1998 deployment. If the date is missed for reasons unrelated to the M&O's performance or beyond the M&O's control, OCRWM will evaluate the facts and determine the proper rating.	3%	Y	3%	N	0%
Criterion (e): Complete activities required to support the development of a Transportation System compatible with the goals established within the Program Plan, Volume III.	2%	Y	2%	Y	2%
Criterion (f): Improve performance in the Environmental Transportation Institutional area.	2%	Y	2%	Y	2%
Criterion (g): Provide Transportation documentation needed for the MPC EIS and improve stakeholder interactions.	3%	Y	3%	N	0%
Waste Acceptance Storage and Transportation Total	24%		24%		13%
D. Geologic Disposal System					

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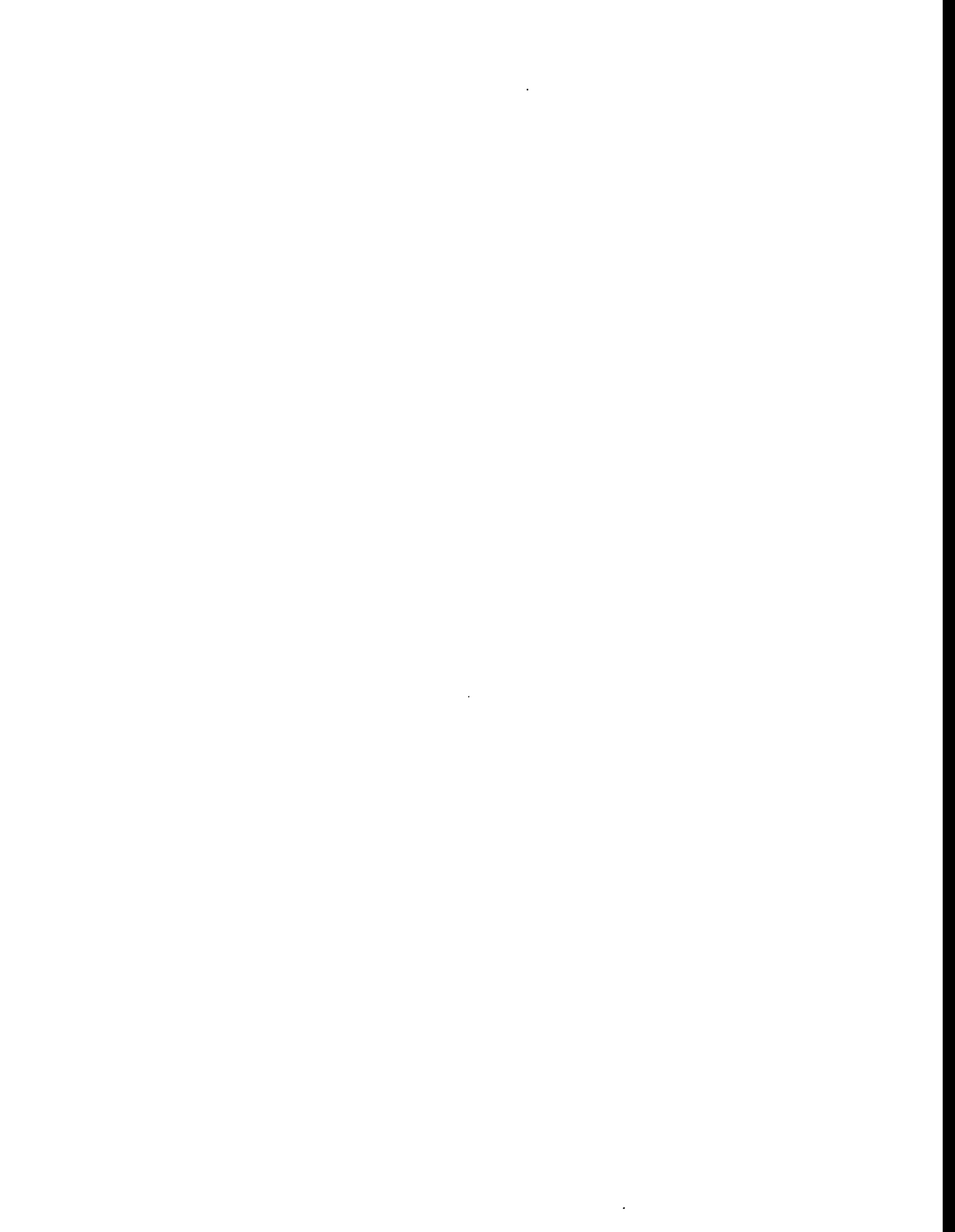
	Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
Goal 7: Determine Site Suitability for the Yucca Mountain Candidate Repository Site					
Criterion (a): Implement a full coverage M&O Organizational Safety and Health Program that provides for a safe and healthful workplace and conforms to the applicable laws, DOE Orders, and Project requirements.	3%	N	0%	N	0%
Criterion (b): Provides effective support to YMSCO for Environment, Safety, and Health Program implementation. A subjective evaluation of the following items will be used to measure effectiveness.	3%	N	0%	N	0%
Criterion (c): Coordinate and integrate actions required in support of the National Environmental Policy Act (NEPA) Repository Environmental Impact Statement (EIS).	2%	Y	2%	N	0%
Criterion (d): Manage, execute, and integrate institutional and external affairs programs.	2%	Y	2%	Y	2%
Criterion (e): Improve the timeliness and quality of the design packages.	4%	Y	4%	N	0%
Criterion (f): Provide systems studies for Calico Hills Data Needs and Access, Thermal Loading, MPC Impact Study, and Nevada Repository Preliminary Transportation Strategy to support key management decisions.	2%	Y	2%	N	0%
Criterion (g): Provide a scientific program and work products for site investigations consistent with the technical content, cost allocations, and schedules identified in the annual project baseline, and the Program Plan.	8%	Y	8%	N	0%
Criterion (h): Establish effective controls for the construction management function for YMP construction activities and integration of YMP testing function.	4%	Y	4%	N	0%
Criterion (i): Provide Total System Performance Assessment Based on Improved Progress Models and Provide Timely Feedback to Site Program.	3%	Y	3%	N	0%

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	Weight	Metrics (Y/N)	% Metrics	Cost (Y/N)	% Cost
<p>Criterion (j): Provide outlines for Technical Basis Reports, Final Technical Basis Reports for Surface Processes together with Peer Review Addendum and Guideline Compliance Assessment needed to support DOE's Higher Level Finding on the 10 CFR 960 Surface Processes Guidelines.</p>	3%	Y	3%	N	0%
<p>Goal 8: Provide for Timely Waste Emplacement in a Disposal Facility</p>					
<p>Criterion (a): Provide high quality documentation (Semiannual Progress Report #12, Seismic Topical ReportII) to support DOE's formal interactions with the Nuclear Regulatory Commission and support interactions with other oversight bodies.</p>	5%	Y	5%	N	0%
<p>Criterion (b): Demonstrate progress toward developing a repository design that supports Technical Site Suitability, the National Environment Policy Act (NEPA) process, and the License Application.</p>	3%	Y	3%	N	0%
<p>Criterion (c): Demonstrate progress towards completing the Waste Package and associated portion of the Engineered Barrier System Design.</p>	3%	Y	3%	N	0%
<p>Criterion (d): Develop and maintain Project and Program level software systems and associated operations for the capturing and managing of data to support the DOE NRC License Application.</p>	2%	Y	2%	N	0%
Geologic Disposal System Total:	47%		41%		2%
Grand Total	100%		81%		24%



**BACK-UP SPREAD SHEETS
FOR HISTORICAL COST ALLOCATION**



PETERSON CONSULTING L.P./JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

Bates No. Reference	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
	42306-28	42268-303	42204-66	42128-202	42037-126	41946-2036	41688-767
Waste Management System							
First Repository							
Basalt (Basalt Waste Isolation Project)							
Systems							
Waste Package			4,925,606	7,904,720	11,065,994	4,565,036	
Site			9,385,560	15,064,683	12,905,956	4,203,982	
Repository			17,181,926	20,730,706	24,352,115	19,602,064	6,497,795
Regulatory & Institutional			6,358,153	12,771,870	8,938,655	1,498,741	
Exploratory Shafts			5,675,738	5,974,774	10,281,819	2,455,865	
Test Facilities			7,189,606	11,704,949	12,550,370	3,670,181	55,717
Project Management			2,563,481	2,504,798	4,852,818	1,037,051	
Financial & Technical Assistance			9,982,489	18,686,875	29,969,139	19,571,904	1,887,370
R&D		1,912,106	3,626,493	4,130,230	11,580,602	5,095,692	216,164
	\$40,784,079	55,569,083					
Total Basalt (Basalt Waste Isolation Project)	\$40,784,079	57,481,189	66,889,052	99,473,605	126,497,468	61,700,516	8,657,046

Yucca Mountain Site Characterization Project							
Systems Engineering			3,521,499	8,522,856	7,045,129	7,373,693	8,891,331
Waste Package			5,584,158	7,615,445	9,302,936	10,683,677	15,225,116
Site Investigations			17,481,461	24,663,465	25,978,210	34,241,319	47,095,054
Repository			11,000,773	10,100,062	9,507,483	13,649,643	15,583,994
Regulatory			4,253,910	8,452,675	7,675,934	8,550,099	12,512,987
Exploratory Studies Facility			6,108,698	8,917,005	11,953,630	18,527,458	17,965,971
Test Facilities			1,475,170	889,387	405,578	917,250	1,656,485
Field Operations Center							
Maintenance and Operations							
Administrative and Support Services							
Land Acquisition					144,772	209,574	247,315
Project Management			10,539,498	17,158,568	20,959,134	28,722,112	46,001,471
Financial Assistance			1,217,143	1,930,239	6,957,640	11,834,109	11,222,221
Other		801,000					
Environment, Safety, and Health							
Institutional							
Support Services							
Quality Assurance							
Information Management							
M&O							
R&D/Unknown Tasks							
	\$49,111,563	60,818,104					

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Bates No. Reference	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
	42306-28	42268-303	42204-66	42128-202	42037-126	41946-2036	41688-767
Total Yucca Mountain Site Characterization Project	\$49,111,563	61,619,104	61,182,310	88,249,702	99,930,446	134,708,934	176,401,945
Salt (Office of Nuclear Waste Isolation)							
Systems			6,625,311	5,423,216	6,535,286	1,677,330	206,600
Waste Package			5,183,879	6,222,373	9,870,696	3,411,109	100,548
Site			22,351,715	26,229,050	27,963,124	14,943,076	4,622,782
Repository			14,036,172	17,474,279	18,965,097	2,865,840	(135,910)
Regulatory & Institutional			19,420,898	14,983,047	14,675,931	3,962,503	11,415
Exploratory Shafts			8,325,000	12,063,229	14,597,666	4,677,500	147,568
Test Facilities			395,000	359,000	429,000	17,000	
Land Acquisition			157,514	174,515	507,673	12,163	29,818
Project Management			8,532,961	10,321,817	16,344,222	19,303,062	4,327,252
Financial & Technical Assistance		681,832	1,913,269	3,928,463	3,455,569	2,319,554	75,000
Other			2,000				
R&D	\$61,566,987	81,670,903					
Total Salt (Office of Nuclear Waste Isolation)	\$61,566,987	82,352,735	86,943,719	97,178,989	113,344,264	53,189,137	9,385,073
Technical Support & Analytical Studies							
Systems					2,987,497	4,059,364	12,806,455
Waste Package					6,355,730	5,334,960	5,449,697
Site					1,659,505	2,040,133	1,759,459
Repository					3,420,912	3,639,074	159,387
Regulatory & Institutional					2,800,752	5,051,508	6,531,434
Test Facilities						14,095,580	5,225,289
Land Acquisition					242,455	5,394,990	5,446,167
Project Management							
Financial & Technical Assistance						51,800	
Other							
Repository Technology Program							
Program Administration/Resource Management							
Facility Siting and Development							
Systems Integration and Regulations							
External Relations and Policy							
Total Technical Support & Analytical Studies					17,466,851	39,667,409	37,377,888
Total First Repository	\$151,462,629	201,453,028	215,015,081	284,902,296	357,239,029	289,265,996	231,821,952

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Bates No. Reference	FY 83 42306-28	FY 84 42268-303	FY 85 42204-66	FY 86 42128-202	FY 87 42037-126	FY 88 41946-2036	FY 89 41688-767
Second Repository							
Crystalline Rock (Crystalline Repository Project)							
Systems			1,250,211	2,195,166	425,000	3,000	
Waste Package			49,000	138,000			
Site			11,720,687	12,826,900	2,175,094	131,000	(2,000)
Repository			503,643	501,065	18,000		
Regulatory & Institutional			1,342,000	1,708,000	40,000	1,000	
Test Facilities			819,536	2,054,425	1,385,462		
Land Acquisition				3,000			
Project Management			2,433,700	3,164,365	91,039	4,000	
Financial & Technical Assistance			1,991,277	1,591,241	2,242,912	200,034	59,957
Other			237,085	291,590	180,591		
Total Crystalline Rock (Crystalline Repository Project)			20,347,139	24,473,752	6,558,098	339,034	57,957
Sedimentary Rock Studies							
Systems			1,912,671		87,329		
Site				1,430,791	69,209		
Repository					136,363		
Total Sedimentary Rock Studies			1,912,671	1,430,791	292,901		
Other Media							
Financial & Technical Assistance			1,215,572				
R&D			15,836,978				
Total Other Media			17,052,550				
Repository Technology Development Program							
International Programs				6,240,472	3,597,888		28,258
Geoscience Programs				5,087,422	885,455		(1,571)
Engineered Barriers				867,400	88,337		35,663
Total Systems Performance Assessment				1,576,968	931,031		
Siting Strategies				688,094	206,220		8,287
Project Management				4,480,297	1,816,394		557,003
Total Repository Technology Development Program				18,940,653	7,525,325		627,640
Total Second Repository	\$8,376,344	17,052,550	22,259,810	25,904,543	25,791,652	7,864,359	685,597
Federal/State Assistance	\$509,249						

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Bates No. Reference	FY 83 42306-28	FY 84 42268-303	FY 85 42204-66	FY 86 42128-202	FY 87 42037-126	FY 88 41946-2036	FY 89 41688-767
Monitored Retrievable Storage Project	\$3,722,874	10,432,664					
Monitored Retrievable Storage							
Systems Engineering						286,000	801,000
Site Investigations						(79,925)	266,490
Monitored Retrievable Storage Facility			3,824,734	1,797,375			
Facility Design						75,000	
Regulatory							
Licensing							
Regulatory							
Engineering Development		109,614		861,061	10,128,101	7,991,033	5,323,364
Rod Consolidation							
Spent Fuel Storage Technology Development							
Transportable Cask Demonstration			1,373,160				
Project Management							
Program Management		11,428,823	4,103,299		1,384,337	1,076,078	498,951
Management							
M&O							
Financial Assistance							
Quality Assurance							
Information Management							
Environment, Safety, and Health							
Institutional							
Support Services							
Total Monitored Retrievable Storage	\$3,722,874	10,432,664	15,363,171	8,134,895	11,512,438	9,348,186	6,889,805
Transportation System							
Systems Engineering			140,000	1,140,053		2,070,191	2,377,616
Management					10,000		
Data Base and Model Development and Maintenance					286,067		
Transportation System Support					1,624,874		
Casks			1,805,921	1,669,089		8,175,603	17,230,429
Management					2,493,459		
From Reactor Casks					136,279		
Systems and Technology Development					2,281,055		
Testing					255,975		
Technical Support					94,485		

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Bates No. Reference	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
	42306-28	42268-303	42204-66	42128-202	42037-126	41946-2036	41688-767
Support Systems							
Operations					117,777	434,143	261,464
Operations - Phase II							
Support Systems Development					435,473	1,945,368	2,210,103
Management					890,628		
Systems Development					1,271		
Systems Acquisition - Phase II							
Regulatory				303,535		666,100	1,295,475
Project Management					410,555		
Planning and Coordination					175,900		
Project Control							
Quality Assurance							
Information Management							
Environment, Safety, and Health							
Institutional							
Management							
Communication and Outreach							
Issue Management and Resolution							
Support Services			239,996	1,198,874		2,282,517	2,403,762
M&O							
Technology Development, Data Systems and Testing Support			40,000	1,456,186			
Disposal Transportation		1,161,460			119,948		
Storage Transportation		379,672			379,621		
Total Transportation System		1,541,132	2,225,917	5,767,737	10,834,792	15,573,922	25,778,849
Waste Acceptance							
Waste Acceptance Process/Operations							
Economic Studies		2,031,468	639,281	2,025,894	1,517,724	2,166,741	1,047,443
Data Collection Studies			558,667	530,846	545,140	588,228	2,457,284
Direct Utility Payments							
Total Waste Acceptance		2,031,468	1,197,948	2,556,740	2,062,864	2,754,969	3,504,727
Total Monitored Retrievable Storage Project	\$3,722,874	14,005,264	18,787,036	16,459,372	24,410,094	27,677,077	36,173,381
Program Support							
Quality Assurance							372,064

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Bates No. Reference	FY 83 42306-28	FY 84 42268-303	FY 85 42204-66	FY 86 42128-202	FY 87 42037-126	FY 88 41946-2036	FY 89 41688-767
Systems Integration and Compliance							
Systems Integration			1,850,931	5,677,372		327,512	698,988
Systems Engineering							
Systems Integration							
Systems Requirements and Definitions						1,581,818	2,541,389
Systems Analysis Capabilities Development						1,212,432	2,031,584
Quality Assurance						136,324	98,919
Special Studies						368,668	553,733
Program Management						3,879,565	748,843
Systems Planning and Integration							
Technology Assessment				268,294	714,770	100,297	4,299
Configuration Management							
Integration Studies and Support					5,026,173		
Waste Characterization and Treatment					1,080,999		
Waste Acceptance Studies					46,656		
System Interface Studies					529,005		
Modeling					499,737		
M&O							
Technical Support	\$3,991,288						
Defense Waste Studies		839,449	1,081,116	2,144,735			
Regulatory Compliance							
Regulatory Policy and Requirements							
Regulatory Integration							
Total Systems Integration and Compliance	\$3,991,288	839,449	2,932,047	8,090,401	7,997,340	7,606,616	6,677,755
Program Direction							
Program Management	\$1,344,029	16,317,258	15,879,192	20,355,486	23,280,357	22,593,683	60,915,123
Strategic Planning							
Other System Studies		68,331					
Other Assistance							
Other System Studies		1,483,083	4,556,333	7,774,368	4,450,562	3,111,023	3,168,772
Strategic Planning and International Program Oversight							
Total Strategic Planning		1,551,414	4,556,333	7,774,368	4,450,562	3,111,023	3,168,772
International Waste Management Technology							

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Bates No. Reference	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
	42306-28	42268-303	42204-66	42128-202	42037-126	41946-2036	41688-767
External Relations							
Scholastic Programs							
Cooperative Agreements - External Relations							
Total External Relations							
Program Control and Administration							
Program Integration		5,716,947	22,217,045	18,532,021	16,374,982	15,431,147	23,068,138
Financial Management Systems/Audit			518,912	296,285	387,714	268,377	258,457
Interest Expense							
NRC Fees	\$3,315,634	4,472,170	2,511,651				
Contractual Services							
Total Program Control and Administration	\$3,315,634	10,189,117	25,247,608	18,828,306	16,762,696	15,699,524	23,326,595
Information Management							
Information Resource Management							
Licensing Support System							
Total Information Management							
Contract Business Management							
Contract Management							
M&O Infrastructure & Fees							
Total Contract Business Management							
First Repository Support							
Supporting Test Facilities		3,461,311	3,537,460	4,068,504	441,427	443,441	2,017,338
Materials Integration		1,992,354	1,368,601	2,964,324	231,000		
Total First Repository Support		5,453,665	4,906,061	7,032,828	672,427	443,441	2,017,338
Monitored Retrievable Storage Project Support							
Contractual Services Provided by HR							
Total Program Support	8,650,951	34,350,903	53,521,241	62,081,389	53,063,382	49,454,287	96,477,647
Total Waste Management System	\$172,722,047	266,861,745	309,583,168	389,347,600	460,504,157	374,261,719	365,158,577

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Bates No. Reference	FY 83 42306-28	FY 84 42268-303	FY 85 42204-66	FY 86 42128-202	FY 87 42037-126	FY 88 41946-2036	FY 89 41688-767
Capital Equipment							
Waste Management System							
First Repository							
Basalt Waste Isolation Project	\$1,918,835	2,826,308	2,958,788	5,013,837	1,681,670	6,597	(904)
R&D	\$1,918,835	2,826,308	2,958,788	5,013,837	1,681,670	6,597	(904)
Total Basalt Waste Isolation Project							
Yucca Mountain Site Characterization Project							
Systems Engineering							
Waste Package							
Site Investigations							
Repository							
Regulatory							
Exploratory Studies Facility							
Test Facilities							
Project Management							
Financial Assistance							
Quality Assurance							
Information Management							
Environment, Safety, and Health							
Institutional							
Support Services							
R&D	\$1,188,912	3,666,011	2,344,256	1,731,339	3,242,019	6,148,342	3,787,037
Total Yucca Mountain Site Characterization Project	\$1,188,912	3,666,011	2,344,256	1,731,339	3,242,019	6,148,342	3,787,037
Salt							
R&D	\$2,311,360	1,484,913	899,008	837,572	1,725,578	1,031,134	100,801
Total Salt	\$2,311,360	1,484,913	899,008	837,572	1,725,578	1,031,134	100,801
Technical Support & Analytical Studies							
R&D		41,369			141,464	180,683	30,085
Total Technical Support & Analytical Studies		41,369			141,464	180,683	30,085
Total First Repository	\$5,419,107	8,018,601	6,202,052	7,582,748	6,790,731	7,366,756	3,917,019
Second Repository			110,631	123,674	992,000	329,165	36,259
Monitored Retrievable Storage		3,525	85,161	24,133		6,370	
Transportation & Systems Integration				862,599	428,795	8,725	122,107

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Bates No. Reference	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
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Program Management and Technical Support	\$146,967	1,108,002	274,400	769,849	468,858	52,055	207,875
Total Waste Management System	\$5,566,074	9,130,128	6,672,244	9,363,003	8,680,384	7,763,071	4,283,260
Total Capital Equipment	\$5,566,074	9,130,128	6,672,244	9,363,003	8,680,384	7,763,071	4,283,260
Unknown Program							
Nuclear Waste Fund	\$22,652						
Repositories	\$22,652						
Total Nuclear Waste Fund	\$22,652						
Total Unknown Program	\$22,652						
Grand Total	\$178,310,773	275,991,873	316,255,412	398,710,603	469,184,541	382,024,790	369,441,837

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 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

Bates No. Reference	FY 90 41605-87	FY 91 42519-604	FY 92 42427-517	FY 93 42329-425	FY 94 42768-861	10/94 - 3/95	FY 83 - 3/95 Total
Waste Management System							
First Repository							
Basalt (Basalt Waste Isolation Project)							
Systems							
Waste Package							
Site							
Repository							
Regulatory & Institutional							
Exploratory Shafts							
Test Facilities							
Project Management							
Financial & Technical Assistance							
R&D							
Total Basalt (Basalt Waste Isolation Project)	4,592,308	1,368,148	909,003	474,662	220,863	12,968	469,060,907
Yucca Mountain Site Characterization Project							
Systems Engineering							
Waste Package							
Site Investigations							
Repository							
Regulatory							
Exploratory Studies Facility							
Test Facilities							
Field Operations Center							
Maintenance and Operations							
Administrative and Support Services							
Land Acquisition							
Project Management							
Financial Assistance							
Other							
Environment, Safety, and Health							
Institutional							
Support Services							
Quality Assurance							
Information Management							
M&O							
R&D/Unknown Tasks							
Total Basalt (Basalt Waste Isolation Project)	14,397,953	21,700,523	23,795,381	5,916,888	6,221,499	3,844,865	111,231,617
Systems Engineering	14,508,599	9,023,235	5,491,645	7,846,852	6,821,825	3,652,582	95,756,070
Waste Package	40,730,762	37,919,543	44,329,753	50,654,286	63,480,669	36,459,633	423,034,155
Site Investigations	8,545,130	4,084,715	3,617,125	4,371,806	6,013,971	4,170,866	90,645,568
Repository	17,598,202	18,748,424	21,250,971	23,205,923	22,122,823	10,672,005	155,043,953
Regulatory	12,419,348	13,441,140	7,301,785	32,317,911	50,531,284	31,758,452	211,242,682
Exploratory Studies Facility	1,126,115	1,415,632	1,712,464	1,712,464	1,936,859	7,301,045	16,899,126
Test Facilities	2,416,752	2,048,874	1,339,385	2,873,269	1,336,859	6,149,513	6,149,513
Field Operations Center	2,317,708	2,359,534	1,579,290	3,215,575	4,336,289	13,596,780	13,596,780
Maintenance and Operations	422,533	186,568	2,275,081	3,511,712	4,676,206	15,140,241	15,140,241
Administrative and Support Services	47,059,075	49,132,900	48,948,927	14,997,225	16,318,126	7,937,431	307,774,467
Land Acquisition	8,829,811	11,172,080	13,036,581	18,653,184	20,406,847	27,864,190	133,925,045
Project Management				2,147		2,350,000	2,352,147
Financial Assistance				14,051,300	15,052,829	8,671,771	37,775,900
Other				3,517,534	3,647,024	2,135,936	9,300,494
Environment, Safety, and Health				20,190,054	18,926,190	10,172,531	49,288,775
Institutional				9,576,148	8,992,883	4,192,747	22,761,778
Support Services				10,507,095	10,121,459	5,417,647	26,046,201
Quality Assurance							5,337,070
Information Management							10,778,385
M&O							120,708,052
R&D/Unknown Tasks							

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Bates No. Reference	FY 90	FY 91	FY 92	FY 93	FY 94	10/94 - 3/95	Total
	41605-87	42519-604	42427-517	42329-425	42768-861		FY 83 - 3/95
Total Yucca Mountain Site Characterization Project	170,371,988	176,570,238	185,597,773	225,408,909	259,606,783	166,601,701	1,855,361,396
Salt (Office of Nuclear Waste Isolation)							
Systems	16,000				(1,764)		20,481,979
Waste Package	360,923			4,285	14,189	(3,209)	25,169,918
Site	442,912	288,108	5,125	109,566	(696,976)	(224,496)	96,028,861
Repository	15,212	10,018					53,230,708
Regulatory & Institutional	(18,836)	15,688		26,997	(1,304)	316,395	53,392,734
Exploratory Shafts		64,045			(295,875)	(1,339)	39,577,794
Test Facilities							1,200,000
Land Acquisition	137						881,820
Project Management	390,580	34,604	(307,288)	494,248	724,833	140,339	60,306,630
Financial & Technical Assistance	88,605			(277)			12,462,015
Other							2,000
R&D							143,237,890
Total Salt (Office of Nuclear Waste Isolation)	1,295,533	412,463	(192,597)	525,253	(256,897)	227,690	505,972,349
Technical Support & Analytical Studies							
Systems	5,478,368	220,688					25,552,372
Waste Package	141,860	10,270	(132)		1,113		17,293,498
Site	1,283,930	90,432	(9,197)			46,000	6,870,262
Repository	48,858	35,670	61,575	2,755	(55)		7,368,176
Regulatory & Institutional	2,759,914	2,688,059	4,568,741	(27,455)		190,679	24,400,408
Test Facilities	1,900,666	80,003	(38,000)				21,426,762
Land Acquisition			248,525				248,525
Project Management	427,213	119,900	(1,034)	331,908		3,500	11,965,099
Financial & Technical Assistance		11,034					11,034
Other							51,800
Repository Technology Program							
Program Administration/Resource Management	2,045,625	56,147	(60,335)	83,129			2,124,566
Facility Siting and Development	196,982	38,000	35,557	(35,557)		223,000	457,982
Systems Integration and Regulations	1,636,472	76,831	143,879	(3,672)			1,853,510
External Relations and Policy	1,853,564	2,305,612	6,391,761				10,550,937
Total Technical Support & Analytical Studies	17,773,452	5,732,646	11,341,340	351,108	1,058	463,179	130,174,931
Total First Repository	194,033,281	184,083,495	197,655,519	226,759,932	259,571,807	167,305,538	2,960,569,583

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	FY 90	FY 91	FY 92	FY 93	FY 94	10/94 - 3/95	FY 83 - 3/95	Total
Bates No. Reference	41605-87	42519-604	42427-517	42329-425	42768-861			
Second Repository								
Crystalline Rock (Crystalline Repository Project)								
Systems								3,873,377
Waste Package Site						1,300		187,000
Repository								26,852,981
Regulatory & Institutional Test Facilities								1,022,708
Land Acquisition		(1)						3,091,000
Project Management						(4,500)		4,259,422
Financial & Technical Assistance								3,000
Other								5,688,604
Total Crystalline Rock (Crystalline Repository Project)		(1)				(3,200)		6,085,421
								709,266
								51,772,779
Sedimentary Rock Studies								2,000,000
Systems								1,500,000
Site								136,363
Repository								3,636,363
Total Sedimentary Rock Studies								
Other Media								1,215,572
Financial & Technical Assistance								24,213,322
R&D								25,428,894
Total Other Media								
Repository Technology Development Program								9,857,370
International Programs	(8,924)		(5,979)	(324)		737		5,966,064
Geoscience Programs						813		992,213
Engineered Barriers						630		2,508,630
Total Systems Performance Assessment		1		(362)				902,239
Siting Strategies								6,853,694
Project Management								
Total Repository Technology Development Program	(8,924)	1	(5,979)	(686)		2,180		27,080,210
Total Second Repository	(8,924)		(5,979)	(686)		(1,020)		107,918,246
Federal/State Assistance								509,249

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Bates No. Reference	FY 90 41605-87	FY 91 42519-604	FY 92 42427-517	FY 93 42329-425	FY 94 42768-861	10/94 - 3/95	FY 83 - 3/95	Total
Monitored Retrievable Storage Project								14,155,538
Monitored Retrievable Storage								3,690,180
Systems Engineering				1,351,872	1,975,145	363,163		7,249,358
Site Investigations	650,000		3,680,089	1,024,536	639,707	168,026		3,887,797
Monitored Retrievable Storage Facility				3,585,011	257,568	45,218		15,526,220
Facility Design	97,404	79,183	9,540,959					2,174,018
Regulatory				621,308	764,507	788,203		2,600,156
Licensing	431,061	213,287	1,880,808					754,880
Regulatory			754,880					19,976,083
Engineering Development				4,289,688	12,064,604	3,512,177		46,584,253
Rod Consolidation	9,117,353	8,031,540	5,131,801					3,415,885
Spent Fuel Storage Technology Development	1,126,488	1,023,572	1,265,825					1,373,160
Transportable Cask Demonstration				5,091,229	(2,826,677)	888,328		3,152,880
Project Management	225,424	20,538	3,825,203					22,562,653
Program Management								4,978,785
Management		4,978,785	119,861					1,538,134
M&O				1,218,273	300,000	(100,000)		459,407
Financial Assistance				217,089	190,103	52,215		423,277
Quality Assurance				296,030	127,124	123		6,224,451
Information Management				529,526	1,429,869	1,858,588		2,466,184
Environment, Safety, and Health	705,000	166,787	1,534,681	1,450,549	755,746	259,889		84,068
Institutional				(649)	84,717			163,277,367
Support Services				19,674,462	15,762,413	7,835,930		13,230,275
Total Monitored Retrievable Storage	12,352,730	14,513,692	27,734,107	19,674,462	15,762,413	7,835,930		10,000
Transportation System								286,067
Systems Engineering	2,256,726	1,636,388	1,688,256	737,913	917,011	266,121		1,624,874
Management								88,246,303
Data Base and Model Development and Maintenance								2,493,459
Transportation System Support								136,279
Casks	14,594,317	12,821,106	10,987,930	10,207,356	8,866,850	1,887,702		2,281,055
Management								255,975
From Reactor Casks								94,485
Systems and Technology Development								
Testing								
Technical Support								

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Bates No. Reference	FY 90	FY 91	FY 92	FY 93	FY 94	10/94 - 3/95	FY 83 - 3/95	Total
	41605-87	42519-604	42427-517	42329-425	42768-861			
Support Systems Operations	20,718	759		919,518	1,967,566	559,746		3,446,830
Operations - Phase II								717,084
Support Systems Development Management	2,099,574	1,432,811	1,583,091					117,777
Systems Development								9,270,947
Systems Acquisition - Phase II								435,473
Regulatory				44,496	185,047	4,911		890,628
Project Management	745,637	1,097,795	1,007,147	1,045,974	699,529	305,133		1,271
Planning and Coordination								234,454
Project Control								7,166,325
Quality Assurance				9,868	587			410,555
Information Management				463,781	716,742	212,990		175,900
Environment, Safety, and Health	1,823,949	1,957,278	1,307,878	1,705,172	1,814,146	1,129,874		44,558
Institutional								959
Management								1,393,513
Communication and Outreach								15,863,446
Issue Management and Resolution								119,948
Support Services								379,621
M&O		802,900		7,878				1,121,425
Technology Development, Data Systems and Testing Support								7,878
Disposal Transportation								802,900
Storage Transportation								1,496,186
Total Transportation System	21,540,921	19,749,037	16,574,302	15,141,956	15,167,478	4,401,539		1,161,460
Waste Acceptance								379,672
Waste Acceptance Process/Operations				1,426,606	1,580,076	1,305,907		4,312,589
Economic Studies	368,814	803,316	585,703	848,099	402,859	245,200		12,682,542
Data Collection Studies	3,253,007	2,062,349	2,362,806	1,693,534	1,626,119	803,307		16,481,287
Direct Utility Payments				2,661,919	111,656			2,773,575
Total Waste Acceptance	3,621,821	2,865,665	2,948,509	6,630,158	3,720,710	2,354,414		36,249,993
Total Monitored Retrievable Storage Project	37,515,472	37,128,394	47,256,918	41,446,576	34,650,601	14,591,883		353,824,942
Program Support								
Quality Assurance	1,502,854	2,784,989	2,998,733	10,593,324	12,628,427	4,555,171		35,435,562

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Bates No. Reference	FY 90 41605-87	FY 91 42519-604	FY 92 42427-517	FY 93 42329-425	FY 94 42768-861	10/94 - 3/95	Total FY 83 - 3/95
Systems Integration and Compliance							
Systems Integration							
Systems Engineering	1,199,338	254,079	2,643,874	10,372,333	5,338,778	2,215,997	24,901,830
Systems Requirements and Definitions	3,101,641	1,986,615	4,077,492				5,677,372
Systems Analysis Capabilities Development	1,064,489	998,865	3,018,557				13,288,955
Quality Assurance	85,078	125,852	180,455				8,325,927
Special Studies	433,678	542,012	2,228,176				626,628
Program Management	706,487	4,041,556	1,625,963				4,126,267
Systems Planning and Integration				2,365,653	1,812,574	25	11,002,414
Technology Assessment		12,530	669				4,178,252
Configuration Management				1,390,445	1,317,935	643,706	1,100,859
Integration Studies and Support							3,352,086
Waste Characterization and Treatment							5,026,173
Waste Acceptance Studies							1,080,999
System Interface Studies							46,656
Modeling							529,005
M&O							499,737
Technical Support							7,071,832
Defense Waste Studies							3,991,288
Regulatory Compliance							4,065,300
Regulatory Policy and Requirements				3,227,405	2,030,500	646,889	5,904,794
Regulatory Integration				1,783,432	1,828,843	698,955	4,311,230
Total Systems Integration and Compliance	6,590,711	15,033,341	13,775,186	19,139,268	12,328,630	4,205,572	109,107,604
Program Direction							
Program Management	(6,497,642)	19,309,504	20,675,896	17,878,744	19,687,732	10,154,037	241,893,399
Strategic Planning							
Other System Studies				2,089,292	1,922,751	800,648	4,812,691
Other Assistance							68,331
Other System Studies	2,941,739	3,932,251	2,414,194				33,832,325
Strategic Planning and International Program Oversight							1,019,666
Total Strategic Planning	2,941,739	3,932,251	3,433,860	2,089,292	1,922,751	800,648	39,733,013
International Waste Management Technology				8,045,887	8,440,311	3,479,324	19,965,522

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	FY 90	FY 91	FY 92	FY 93	FY 94	10/94 - 3/95	FY 83 - 3/95	Total
Bates No. Reference	41605-87	42519-604	42427-517	42329-425	42768-861			
External Relations								
Scholastic Programs	654,363	882,355	636,908	637,655	566,766	129,961		3,508,008
Cooperative Agreements - External Relations			1,289,062	4,416,904	4,447,914	2,836,842		12,990,722
Total External Relations	654,363	882,355	1,925,970	5,054,559	5,014,680	2,966,803		16,498,730
Program Control and Administration								
Program Integration	27,148,545	21,109,060	25,761,783	3,524,124	1,713,126	1,273,191		181,870,109
Financial Management Systems/Audit	252,931	336,027	274,128	295,141	299,604	306,476		3,494,052
Interest Expense								10,299,455
NRC Fees								23,606,205
Contractual Services				2,677,223	2,010,281	1,349,570		6,037,074
Total Program Control and Administration	51,007,681	21,445,087	26,035,911	6,496,488	4,023,011	2,929,237		225,306,895
Information Management								
Information Resource Management	3,732,213	3,311,346	8,590,478	20,225,043	19,359,252	6,845,083		62,063,415
Licensing Support System	2,895,499	733,639	(38,128)					3,591,010
Total Information Management	6,627,712	4,044,985	8,552,350	20,225,043	19,359,252	6,845,083		65,654,425
Contract Business Management								
Contract Management				2,564,160	2,353,910	889,364		5,807,434
M&O Infrastructure & Fees		9,057,248				2,815,976		11,873,224
Total Contract Business Management		9,057,248		2,564,160	2,353,910	3,705,340		17,680,658
First Repository Support								
Supporting Test Facilities	316,530	2,000		1,223,660	425,913	455,087		2,104,660
Materials Integration								14,288,011
Total First Repository Support	316,530	2,000		1,223,660	425,913	455,087		22,948,950
Monitored Retrievable Storage Project Support								
Contractual Services Provided by HR				1,755,555	1,854,216	(295,121)		3,314,650
Total Program Support	63,143,948	76,491,760	77,397,906	98,078,989	90,511,152	40,826,418		804,049,973
Total Waste Management System	294,683,777	297,703,649	322,304,364	366,284,811	384,733,560	222,722,819		4,226,871,993

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Bates No. Reference	FY 90 41605-87	FY 91 42519-604	FY 92 42427-517	FY 93 42329-425	FY 94 42768-861	10/94 - 3/95	FY 83 - 3/95	Total
Capital Equipment								
Waste Management System								
First Repository								
Basalt Waste Isolation Project								
R&D								
Total Basalt Waste Isolation Project								14,405,131
Yucca Mountain Site Characterization Project								
Systems Engineering				177,564	53,144	2,200		232,908
Waste Package				226,102	214,031	13,106		453,239
Site Investigations				1,416,287	1,782,764	1,897,140		5,096,191
Repository				76,008				76,008
Regulatory				196,627	338,652	61,746		597,025
Exploratory Studies Facility				221,272	14,296,844	3,599,859		18,117,975
Test Facilities				65,135	186,570			251,705
Project Management				417,031	929			417,960
Financial Assistance				98,428	356,265	92,939		547,632
Quality Assurance					54,536	19,426		73,962
Information Management				368,212	229,639	89,420		687,271
Environment, Safety, and Health				381,915	134,218			516,133
Institutional					28,248			28,248
Support Services						43,442		43,442
R&D	10,191,702	4,578,025	3,838,954					40,716,597
Total Yucca Mountain Site Characterization Project	10,191,702	4,578,025	3,838,954	3,644,581	17,675,840	5,819,278		67,856,296
Salt								
R&D	171,979			56				8,562,401
Total Salt	171,979			56				8,562,401
Technical Support & Analytical Studies								
R&D	90,805	9,868		130,434	106,941	37,660		769,309
Total Technical Support & Analytical Studies	90,805	9,868		130,434	106,941	37,660		769,309
Total First Repository	10,454,486	4,587,893	3,839,010	3,775,015	17,782,781	5,856,938		91,593,137
Second Repository						12,000		1,603,729
Monitored Retrievable Storage								119,189
Transportation & Systems Integration	98,047	43,160	60,745	6,650				1,630,828

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Bates No. Reference	FY 90	FY 91	FY 92	FY 93	FY 94	10/94 - 3/95	Total FY 83 - 3/95
	41605-87	42519-604	42427-517	42329-425	42768-861		
Program Management and Technical Support	461,736	64,958	44,328	293,722	68,223	92,639	4,053,612
Total Waste Management System	11,014,269	4,696,011	3,944,083	4,075,387	17,851,004	5,961,577	99,000,495
Total Capital Equipment	11,014,269	4,696,011	3,944,083	4,075,387	17,851,004	5,961,577	99,000,495
Unknown Program							
Nuclear Waste Fund							22,652
Repositories							22,652
Total Nuclear Waste Fund							22,652
Total Unknown Program							22,652
Grand Total	305,698,046	302,399,660	326,248,447	370,360,198	402,584,564	228,684,396	4,325,895,140

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	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Infrastructure			Total FY 83 - 365
							Quality Assurance	Institutional Assistance	Financial Assistance	
Waste Management System										
First Repository										
Basalt (Basalt Waste Isolation Project)										
Systems		28,461,356								28,461,356
Waste Package Site	91,793,791	41,560,181								133,353,972
Repository		29,567,419				24,388,196				79,522,834
Regulatory & Institutional								10,958,148		10,958,148
Exploratory Shafts								84,240,250		84,240,250
Test Facilities										
Project Management										
Financial & Technical Assistance									26,567,581	26,567,581
R&D	96,353,162									96,353,162
Total Basalt (Basalt Waste Isolation Project)	223,317,716	99,588,956				24,388,196		84,240,250	26,567,581	469,060,907
Yucca Mountain Site Characterization Project										
Systems Engineering										
Waste Package Site Investigations										
Repository	423,034,155	90,645,568								513,679,723
Regulatory						155,043,953				155,043,953
Exploratory Shafts Facility										
Test Facilities	211,242,682									211,242,682
Field Operations Center										
Maintenance and Operations										
Administrative and Support Services										
Land Acquisition										
Project Management										
Financial Assistance										
Other	2,352,147									2,352,147
Environmental, Safety, and Health	37,775,900									37,775,900
Institutional							9,300,494			9,300,494
Support Services										
Quality Assurance										
Information Management										
M&O										
R&D/Unknown Tasks	120,709,052									120,709,052
Total Yucca Mountain Site Characterization Project	795,112,936	297,633,255				155,043,953	22,761,778	9,300,494	133,925,045	1,395,563,556
Salt (Office of Nuclear Waste Isolation)										
Systems										
Waste Package Site										
Repository										
Regulatory & Institutional										
Exploratory Shafts										
Test Facilities										
Land Acquisition										
Project Management										
Financial & Technical Assistance										
Other										
R&D	143,237,890									143,237,890
Total Salt (Office of Nuclear Waste Isolation)	278,846,545	98,882,605				53,392,734		881,820	12,462,015	433,585,019
Technical Support & Analytical Studies										
Systems										
Waste Package Site										
Repository										
Regulatory & Institutional										
Test Facilities										
Land Acquisition										
Project Management										
Financial & Technical Assistance										
Other										
R&D	6,870,262									6,870,262
Total Technical Support & Analytical Studies	6,870,262	7,368,176				24,400,408		21,426,762	11,965,099	50,060,607
Program Administration/Resource Management										
Facility Siting and Development										
Systems Integration and Regulations										
External Relations and Policy										
Total	1,853,510	1,853,510				10,550,937		2,124,666	11,034	10,550,937

PETERSON CONSULTING L.P./JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

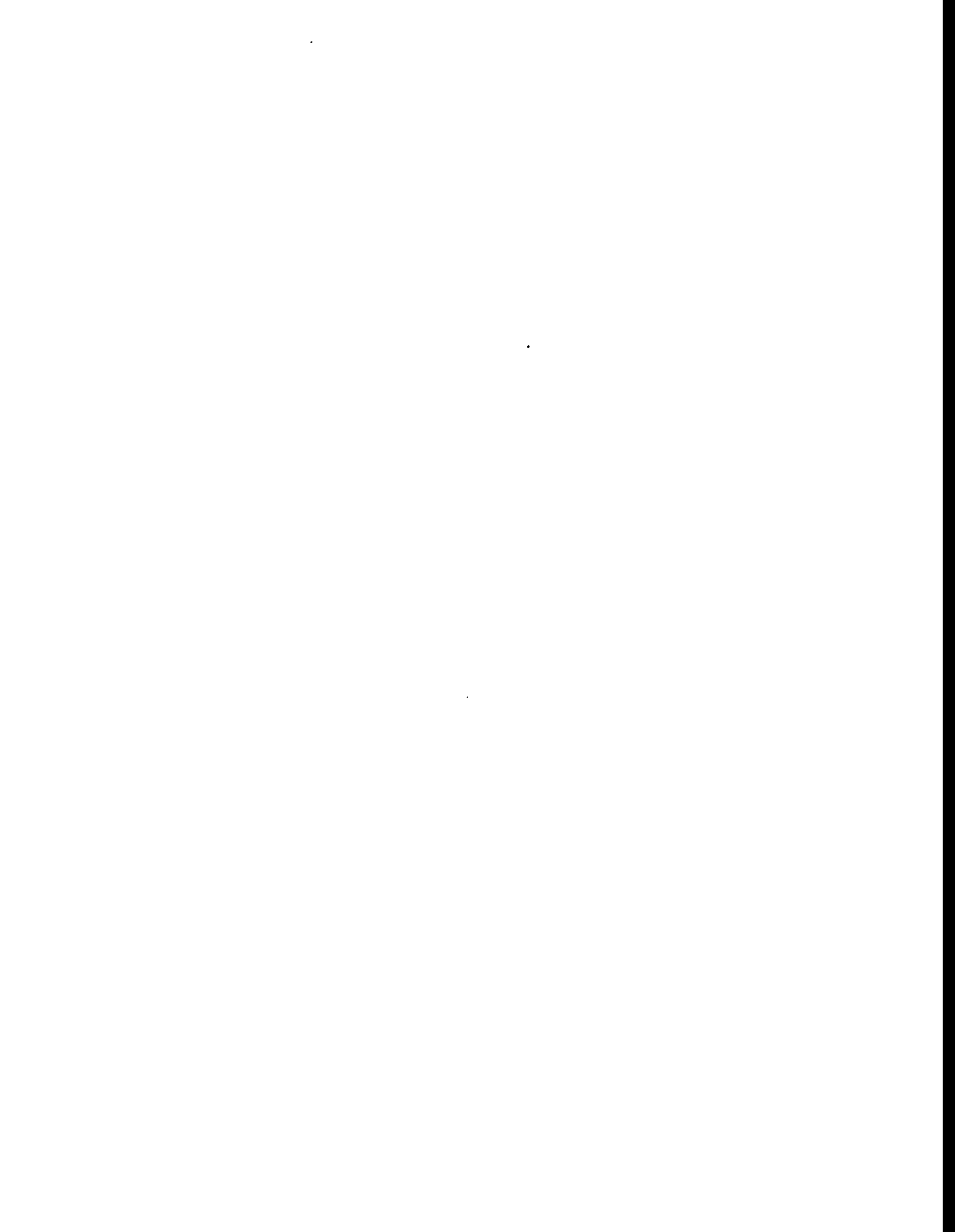
	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Financial Assistance	Land	Management	Support	Total
Total Technical Support & Analytical Studies	7,380,044	52,067,556				24,400,408		10,350,937	11,034	248,525	14,082,665	21,726,762	130,174,931
Total First Repository	1,304,657,301	548,172,372				257,225,291	22,761,778	19,851,431	172,965,675	2,482,107	471,748,082	160,705,546	850,514,619
Second Repository													
Crystalline Rock (Crystalline Repository Project)													
Systems		3,873,377											3,873,377
Waste Package Site		187,000											187,000
Repository													
Regulatory & Institutional Test Facilities	26,852,981	1,022,708				3,091,000						4,259,422	30,965,109
Land Acquisition										3,000			3,000
Project Management											5,688,604		5,688,604
Financial & Technical Assistance									6,085,421				6,085,421
Other	709,266												709,266
Total Crystalline Rock (Crystalline Repository Project)	27,562,247	5,083,085				3,091,000			6,085,421	3,000	5,688,604	4,259,422	42,697,757
Sedimentary Rock Studies													
Systems		2,000,000											2,000,000
Site	1,500,000	136,363											1,636,363
Total Sedimentary Rock Studies	1,500,000	2,136,363											3,636,363
Other Media													
Financial & Technical Assistance R&D	24,213,322								1,215,572				25,428,894
Total Other Media	24,213,322								1,215,572				25,428,894
Repository Technology Development Program													
International Programs	9,857,370												9,857,370
Geoscience Programs	5,966,064												5,966,064
Engineered Barriers	992,213												992,213
Total Systems Performance Assessment	2,508,630												2,508,630
Siting Strategies	902,239												902,239
Project Management	902,239	19,324,277									6,853,694		20,146,516
Total Repository Technology Development Program	20,146,516	19,324,277									6,853,694		46,324,487
Total Second Repository	54,177,808	26,543,725				3,091,000			7,300,993	3,000	12,542,298	4,259,422	107,916,246
Federal/State Assistance									509,249				509,249
Monitored Retrievable Storage Project													
Monitored Retrievable Storage			14,155,538										14,155,538
Systems Engineering			3,690,180										3,690,180
Site Investigations			3,887,797										3,887,797
Monitored Retrievable Storage Facility Design	7,249,358		15,526,220										22,775,578
Regulatory Licensing						2,174,018							2,174,018
Engineering Development						2,600,156							2,600,156
Spent Fuel Storage Technology Development						754,880							754,880
Transportable Cask Demonstration													
Project Management									3,152,880				3,152,880
Program Management									22,562,653				22,562,653
M&O													
Financial Assistance									1,538,134				1,538,134
Quality Assurance							459,407						459,407
Information Management													
Environmental, Safety, and Health												423,277	423,277
Institutional													
Support Services	6,224,451							2,466,184					8,690,635
Total Monitored Retrievable Storage	13,473,809		107,235,956	1,373,160		5,529,054	459,407	2,466,184	1,538,134		30,691,318	84,068	143,937,018
Transportation System													
Systems Engineering													13,230,275
Management													10,000

PETERSON CONSULTING L.P./JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Infrastructure						Total FY 83 - 395					
	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transpor- tation	Regulatory		Quilty Assurance	Institutional Assistance	Land	Management	Support
Program Direction												
Program Management												
Strategic Planning												
Other System Subdes		68,331										68,331
Other Assistance		33,832,325										33,832,325
Other System Studies												1,019,666
Strategic Planning and International Program Oversight												5,832,337
Total Strategic Planning		33,900,656										39,733,013
	19,965,522											19,965,522
International Waste Management Technology												
External Relations												
Scholaristic Programs								3,508,008				3,508,008
Cooperative Agreements - External Relations								12,990,722				12,990,722
Total External Relations								16,498,730				16,498,730
Program Control and Administration												
Program Integration												
Financial Management Systems/Audit												
Interest Expense												
NRC Fees						23,606,205						23,606,205
Contractual Services												
Total Program Control and Administration						23,606,205						23,606,205
Information Management												
Information Resource Management												
Licensing Support System												
Total Information Management						3,591,010						3,591,010
						3,591,010						62,063,415
Contract Business Management												
Contract Management												
M&O Infrastructure & Fees												
Total Contract Business Management						5,807,434						5,807,434
First Repository Support												
Supporting Test Facilities												
Materials Integration												
Total First Repository Support						11,873,224						11,873,224
						17,680,658						17,680,658
Monitored Retrievable Storage Project Support												
Contractual Services Provided by HR												
Contract Support												
Total Contract Support						2,104,660						2,104,660
						14,288,011						14,288,011
						6,356,279						6,356,279
						22,948,950						22,948,950
Monitored Retrievable Storage Project Support												
Contractual Services Provided by HR												
Contract Support												
Total Contract Support						3,314,650						3,314,650
						6,510,565						6,510,565
Total Waste Management System	19,965,522	128,800,948				37,413,239	35,435,562	16,498,730				447,276,523
	1,393,667,953	703,517,045	140,712,374	92,292,772	31,135,885	303,493,038	58,701,305	59,074,360	182,314,051	2,485,107	973,745,833	285,731,270
												1,562,051,925
												4,226,871,993
Capital Equipment												
Waste Management System												
First Repository												
Basalt Waste Isolation Project												
R&D												
Total Basalt Waste Isolation Project	14,405,131											14,405,131
	14,405,131											14,405,131
Yucca Mountain Site Characterization Project												
Systems Engineering												
Waste Package												
Site Investigations												
Repository												
Regulatory												
Exploratory Studies Facility												
Test Facilities												
Project Management												
Financial Assistance												
Quality Assurance												
Information Management												
Environmental, Safety, and Health												
Institutional												
	232,908	453,239										232,908
	5,096,191	76,008										5,096,191
	18,117,975											18,117,975
												251,705
												417,960
												547,632
												73,962
												687,271
												516,133
												28,248

PETERSON CONSULTING LP/JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/Technical	Systems/Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional Assistance	Financial Assistance	Land Management	Support	Total	Total FY 83-2006
Support Services													
R&D	40,716,597										43,442	43,442	43,442
Total Yucca Mountain Site Characterization Project	64,446,896	762,155				597,025	73,962	28,248	547,632	417,960	982,418	2,050,220	40,716,597
Salt	8,562,401												8,562,401
R&D	8,562,401												8,562,401
Total Salt	769,309												769,309
Technical Support & Analytical Studies													
Total Technical Support & Analytical Studies	769,309												769,309
Total First Repository	88,183,737	762,155				597,025	73,962	28,248	547,632	417,960	982,418	2,050,220	91,593,137
Second Repository	1,603,729		119,189										1,603,729
Monitored Retrievable Storage		1,630,828											119,189
Transportation & Systems Integration									4,053,612			4,053,612	1,630,828
Program Management and Technical Support	89,787,466	2,397,983	119,189			597,025	73,962	28,248	547,632	4,471,572	982,418	6,103,832	4,053,612
Total Waste Management System	89,787,466	2,397,983	119,189			597,025	73,962	28,248	547,632	4,471,572	982,418	6,103,832	99,000,495
Total Capital Equipment													
Unknown Program													
Nuclear Waste Fund	22,652												22,652
Repositories	22,652												22,652
Total Nuclear Waste Fund	22,652												22,652
Total Unknown Program													
Grand Total	1,483,479,071	705,910,028	140,831,563	92,292,772	31,136,885	304,090,663	58,775,267	59,102,608	182,861,693	2,485,107	979,217,405	286,713,698	1,668,155,759
	34%	16%	3%	2%	1%	7%	1%	1%	4%	0%	7%	36%	100%



YUCCA MOUNTAIN PROJECT
DEPENDENT MANAGEMENT & FINANCIAL REVIEW
YUCCA MOUNTAIN PACS COST HISTORY (FY92 - FY95)

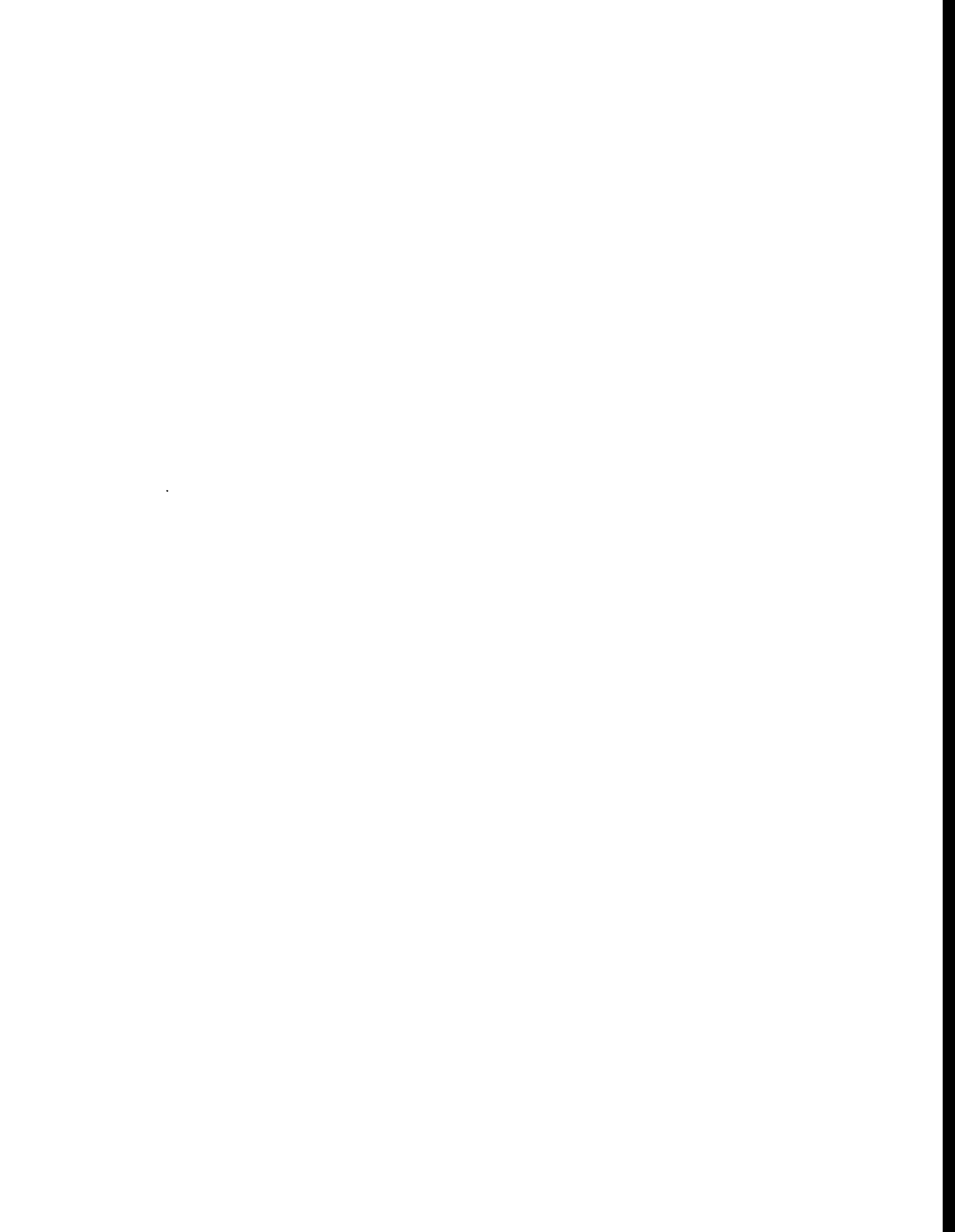
	FY 92	FY 93	FY 94	10/94 - 3/95	Total FY 92 - 3/95
Systems Engineering					
Systems Engineering Coordination & Planning	\$4,534	1,005	1,283	442	7,264
Requirements Development & Maintenance	\$70	985	729	641	2,425
Program & Project Management Controls Documentation		762	576	101	1,439
Systems Integration	\$1,317	496	1,516	314	3,643
Special Studies	\$111	1,346	1,382	975	3,814
Technical Interface	\$2,079	703	463	28	3,273
Total System Life Cycle Cost	\$7	59	15	56	137
YMP Support to the MSIS	\$23				23
Specialty Engineering				176	176
Value Engineering				71	71
Q-List Development & Maintenance				12	12
Determination of Importance Evaluation			740	635	1,375
Total Systems Engineering	\$8,141	5,356	6,704	3,451	23,652
Waste Package					
Waste Package Coordination & Planning	\$986	843	931	551	3,311
Waste Package Requirements				188	188
Waste Package Design	\$582	800	1,171	974	3,527
Waste Form Testing & Modeling	\$2,656	3,211	3,060	821	9,748
Waste Package Materials Testing & Modeling				816	816
Total Waste Package	\$4,224	4,854	5,162	3,350	17,590
Site Investigations					
Site Investigations Coordination & Planning	\$7,922	7,737	8,117	3,516	27,292
Geology	\$8,756	11,262	14,314	9,325	43,657
Hydrology	\$9,431	8,759	11,337	6,805	36,332
Geochemistry	\$4,163	4,013	4,797	3,356	16,329
Drilling	\$11,535	16,463	14,971	7,568	50,537
Climatology	\$3,161	2,223	1,444	951	7,779
Resource Potential		80	269	142	491
Special Studies		25	2,627	2,351	5,003
Altered Zone Characterization		240	915	876	2,031
Integrated Geophysical Testing for Site Characterization			853	1,349	2,202
Waste Package Environment Testing & Modeling	\$1,344	2,964	5,904	2,739	12,951
Sealing	\$385	549	575	160	1,669
Total Site Investigations	\$46,697	54,315	66,123	39,138	206,273
Repository					
Repository Coordination & Planning	\$456	693	1,106	919	3,174
Requirements & Design Basis	\$115	191	219	185	710
Development & Testing	\$2,667	1,692	2,166		6,525
Facilities		1,261	1,935		3,196
Surface ACD				1,026	1,026
Subsurface ACD				671	671
Scientific/Design Interface for ACD				123	123
Special Studies				77	77
Total Repository	\$3,238	3,837	5,426	3,001	15,502
Regulatory					
Regulatory Support	\$2,436	2,518	3,717	2,057	10,728

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92 - FY95)

	FY 92	FY 93	FY 94	10/94 - 3/95	Total FY 92 - 3/95
Licensing	\$7,132	5,715	4,397	2,712	19,956
Technical Data Management	\$3,245	3,503	4,193	2,247	13,188
Performance Assessment	\$12,408	11,066	9,002	4,021	36,497
Special Projects		1,053	700		1,753
Site Suitability Evaluation			419	280	699
Total Regulatory	\$25,221	23,855	22,428	11,317	82,821
Exploratory Studies Facility					
ESF Coordination & Planning	\$5,192	9,249	13,650	8,498	36,589
Site Preparation	\$900	8,326	7,600	3,203	20,029
Surface Facilities	\$1,130	2,123	1,833	1,660	6,746
First Access		8,379	30,591	17,032	56,002
Subsurface Excavations			179	772	951
Operations	\$2	4,073	7,519	3,050	14,644
Subsurface Utilities				65	65
Common Equipment				871	871
Total Exploratory Studies Facility	\$7,224	32,150	61,372	35,151	135,897
Test Facilities					
Test Facilities Coordination & Planning	\$497	1,322	1,210	637	3,666
Field Operations Center	\$1,297	2,148	2,371	1,157	6,973
General Support Facilities		1,036	1,216	29	2,281
Facility Operations & Maintenance	\$2,959	2,455	2,850	1,824	10,088
Support Services	\$1,954	2,095	2,735	1,714	8,498
Common Equipment		243	204	1,300	1,747
NTS Allocation	\$901	1,678	3,000	3,700	9,279
Total Test Facilities	\$7,608	10,977	13,586	10,361	42,532
Land Aquisition	\$159				159
Project Management					
Management & Coordination	\$7,256	5,810	6,865	2,887	22,818
Project Control	\$7,640	8,008	7,691	2,787	26,126
Control Support		1,311	1,772	1,322	4,405
Project Control Integration		191	259	326	776
Total Project Management	\$14,896	15,320	16,587	7,322	54,125
Financial & Technical Assistance	\$18,711	18,474	21,968	20,647	79,800
Quality Assurance					
Quality Assurance Coordination & Planning	\$1,943	1,355	2,155	580	6,033
Quality Assurance Program Development	\$3,080	2,089	1,464	744	7,377
Quality Assurance Verification	\$4,226	2,680	2,793	1,079	10,778
Field Quality Assurance/Quality Control	\$363	1,797	740	529	3,429
Quality Assurance - Quality Engineering	\$2,391	1,854	1,851	1,301	7,397
Total Quality Assurance	\$12,003	9,775	9,003	4,233	35,014
Information Management					
Information Management Coordination & Planning		458		567	1,025
Records Management & Document Control	\$4,764	4,422	4,081	1,658	14,925
Information Management Resources	\$3,878	6,208	6,565	4,332	20,983

YUCCA MOUNTAIN PROJECT
 DEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92 - FY95)

	FY 92	FY 93	FY 94	10/94 - 3/95	Total FY 92 - 3/95
Total Information Management	\$8,642	11,088	10,646	6,557	36,933
Environment, Safety & Health					
Environment, Safety & Health Coordination & Planning		1,049	705	643	2,397
Safety & Occupational Health		1,505	2,831	1,264	5,600
Environmental Compliance	\$879	805	1,079	945	3,708
Environmental Field Programs	\$6,875	9,542	9,376	4,499	30,292
Environmental Meteorological Studies	\$1,178	22	89	96	1,385
Socioeconomics	\$910	1,190	1,264	890	4,254
Total Environment, Safety & Health	\$9,842	14,113	15,344	8,337	47,636
Institutional					
Institutional Coordination & Planning		385	546	412	1,343
Transportation Studies	\$106	174	144	9	433
Communication & Liason	\$2,621	2,923	2,973	1,358	9,875
Total Institutional	\$2,727	3,482	3,663	1,779	11,651
Support Services					
Support Services Management & Integration		357		65	422
Administrative Support	\$10,456	15,926	14,916	7,268	48,566
YMP Support for the Training Mission	\$3,192	3,625	4,147	1,748	12,712
Leadership & Management Support				365	365
MSCO Safeguards & Security Program Development				26	26
Total Support Services	\$13,648	19,908	19,063	9,472	62,091
GRAND TOTAL	\$182,981	227,504	277,075	164,116	851,676



YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92 - FY95)

	Infrastructure						Total FY 92 - 395
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial Land Management	
Systems Engineering							
Systems Engineering Coordination & Planning		2,425				7,264	7,264
Requirements Development & Maintenance							2,425
Program & Project Management Controls Documentation						1,439	1,439
Systems Integration		3,643					3,643
Special Studies		3,814					3,814
Technical Interface		3,273					3,273
Total System Life Cycle Cost		137					137
YMP Support to the MSIS		23					23
Specialty Engineering		176					176
Value Engineering		71					71
Q-List Development & Maintenance		12					12
Determination of Importance Evaluation		1,375					1,375
Total Systems Engineering		14,949				8,703	23,652
Waste Package							
Waste Package Coordination & Planning						3,311	3,311
Waste Package Requirements		188					188
Waste Package Design		3,527					3,527
Waste Form Testing & Modeling		9,748					9,748
Waste Package Materials Testing & Modeling		816					816
Total Waste Package		14,279				3,311	17,590
Site Investigations							
Site Investigations Coordination & Planning						27,292	27,292
Geology	43,657						43,657
Hydrology	36,332						36,332
Geochemistry	16,329						16,329
Drilling	50,537						50,537
Climatology	7,779						7,779
Resource Potential	491						491
Special Studies	5,003						5,003
Altered Zone Characterization	2,031						2,031
Integrated Geophysical Testing for Site Characterization	2,202						2,202
Waste Package Environment Testing & Modeling		12,951					12,951
Sealing	1,669						1,669
Total Site Investigations	166,030	12,951				27,292	206,273
Repository							
Repository Coordination & Planning						3,174	3,174
Requirements & Design Basis		710					710
Development & Testing		6,525					6,525
Facilities		3,196					3,196
Surface ACD		1,026					1,026

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92 - FY95)

	Infrastructure							Total FY 92 - 3/95
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Land Management	Support	
Subsurface ACD		671						671
Scientific/Design Interface for ACD		123						123
Special Studies		77						77
Total Repository		12,328			3,174		3,174	15,502
Regulatory					10,728		10,728	10,728
Regulatory Support			19,956					19,956
Licensing			13,188					13,188
Technical Data Management			36,497					36,497
Performance Assessment			1,753					1,753
Special Projects			699					699
Site Suitability Evaluation			72,093					82,821
Total Regulatory			10,728				10,728	82,821
Exploratory Studies Facility					36,589		36,589	36,589
ESF Coordination & Planning								20,029
Site Preparation	20,029							6,746
Surface Facilities	6,746							56,002
First Access	56,002							951
Subsurface Excavations	951							14,644
Operations	14,644							65
Subsurface Utilities	65							871
Common Equipment	871							36,589
Total Exploratory Studies Facility	99,308				36,589		36,589	135,897
Test Facilities					3,666		3,666	3,666
Test Facilities Coordination & Planning						6,973	6,973	6,973
Field Operations Center						2,281	2,281	2,281
General Support Facilities						10,088	10,088	10,088
Facility Operations & Maintenance						8,498	8,498	8,498
Support Services						1,747	1,747	1,747
Common Equipment						9,279	9,279	9,279
NTS Allocation						3,666	3,666	42,532
Total Test Facilities					3,666	38,866	42,532	42,532
Land Acquisition							159	159
Project Management					22,818		22,818	22,818
Management & Coordination					26,126		26,126	26,126
Project Control						4,405	4,405	4,405
Control Support					776		776	776
Project Control Integration					49,720	4,405	54,125	54,125
Total Project Management					49,720	4,405	54,125	54,125

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92 - FY95)

	Scientific/ Technical	Systems/ Repository	Regulatory	Infrastructure				Total FY 92 - 3/95
				Quality Assurance	Institutional	Financial Assistance	Land Management	
Financial & Technical Assistance						79,800		79,800
Quality Assurance								
Quality Assurance Coordination & Planning				7,377			6,033	6,033
Quality Assurance Program Development				10,778			7,377	7,377
Quality Assurance Verification				3,429			10,778	10,778
Field Quality Assurance/Quality Control				7,397			3,429	3,429
Quality Assurance - Quality Engineering				28,981			7,397	7,397
Total Quality Assurance				28,981			35,014	35,014
Information Management								
Information Management Coordination & Planning					1,025		1,025	1,025
Records Management & Document Control					14,925		14,925	14,925
Information Management Resources					20,983		20,983	20,983
Total Information Management					1,025	35,908	36,933	36,933
Environment, Safety & Health								
Environment, Safety & Health Coordination & Planning					2,397		2,397	2,397
Safety & Occupational Health					5,600		5,600	5,600
Environmental Compliance		3,708					3,708	3,708
Environmental Field Programs	30,292						30,292	30,292
Environmental Meteorological Studies	1,385						1,385	1,385
Socioeconomics	4,254						4,254	4,254
Total Environment, Safety & Health	35,931	3,708			2,397	5,600	7,997	47,636
Institutional								
Institutional Coordination & Planning					1,343		1,343	1,343
Transportation Studies					433		433	433
Communication & Liason					9,875		9,875	9,875
Total Institutional					10,308		11,651	11,651
Support Services								
Support Services Management & Integration						422	422	422
Administrative Support						48,566	48,566	48,566
YMP Support for the Training Mission						12,712	12,712	12,712
Leadership & Management Support						365	365	365
YMSCO Safeguards & Security Program Development						26	26	26
Total Support Services						62,091	62,091	62,091
GRAND TOTAL	301,269	54,507	75,801	28,981	10,308	79,800	159	153,981
	35%	6%	9%	3%	1%	9%	0%	17%
								49%
								100%



PETERSON CONSULTING L.P./JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Financial Assistance	Land	Management	Support	Total	Total FY 92
Waste Management System														
Basalt (Basalt Waste Isolation Project)														
First Repository														
Systems														
Waste Package														
Site	452,446													452,446
Repository														
Regulatory & Institutional														
Exploratory Shafts														
Test Facilities														
Project Management														
Financial & Technical Assistance									(16,931)		473,488		473,488	473,488
R&D									(16,931)					(16,931)
Total Basalt (Basalt Waste Isolation Project)	452,446								(16,931)		473,488		456,557	909,003
Yucca Mountain Site Characterization Project														
Systems Engineering		23,795,381												23,795,381
Waste Package		5,491,645												5,491,645
Site Investigations														
Repository	44,329,753	3,617,125				21,250,971								44,329,753
Regulatory														
Exploratory Shafts Facility														
Test Facilities	7,301,785													7,301,785
Field Operations Center														
Maintenance and Operations														
Administrative and Support Services														
Land Acquisition										141,000				141,000
Project Management														
Financial Assistance									13,036,581					13,036,581
Other														
Environment, Safety, and Health														
Institutional														
Support Services														
Quality Assurance														
Information Management														
M&O														
R&DA/Innova Tasks														
Total Yucca Mountain Site Characterization Project	10,778,385	32,904,151				21,250,971			13,036,581	141,000	48,948,927		69,032,728	10,778,385
Salt (Office of Nuclear Waste Isolation)														
Systems														
Waste Package														
Site														
Repository	109,566	5,125												109,566
Regulatory & Institutional														
Exploratory Shafts														
Test Facilities														
Land Acquisition														
Project Management														
Financial & Technical Assistance														
Other														
R&D														
Total Salt (Office of Nuclear Waste Isolation)	109,566	5,125											(307,288)	(192,597)
Technical Support & Analytical Studies														
Systems														
Waste Package														
Site														
Repository	(9,197)	(132)												(132)
Regulatory & Institutional		61,575												(9,197)
Test Facilities														61,575
Land Acquisition														
Project Management														
Financial & Technical Assistance														
Other														
Repository Technology Program														
Program Administration/Resource Management														
Facility Siting and Development														
Systems Integration and Regulations														
External Relations and Policy														
Total Technical Support & Analytical Studies	35,557	143,879											(60,335)	(60,335)
Other														
Program Administration/Resource Management														
Facility Siting and Development														
Systems Integration and Regulations														
External Relations and Policy														
Total Other													6,391,761	6,391,761
Total	109,566	5,125											(307,288)	(192,597)

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 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Financial Assistance	Infrastructure			Total FY 92
										Lead	Management	Support	
Total Technical Support & Analytical Studies	26,360	205,322				4,568,741		6,391,761		248,525	(61,369)	(38,000)	6,540,917
Total First Repository	62,998,295	33,114,598				25,819,712		6,391,761	13,019,650	389,525	49,053,758	6,868,220	75,722,914
Second Repository (Crystalline Repository Project)													
Systems													
Waste Package Site													
Regulatory & Institutional													
Test Facilities													
Land Acquisition													
Project Management													
Financial & Technical Assistance													
Other													
Total Crystalline Rock (Crystalline Repository Project)													
Sedimentary Rock Studies													
Systems													
Site													
Repository													
Total Sedimentary Rock Studies													
Other Media													
Financial & Technical Assistance													
R&D													
Total Other Media													
Repository Technology Development Program													
International Programs													
Geoscience Programs													
Engineered Barriers													
Total Systems Performance Assessment													
Siting Strategies													
Project Management													
Total Repository Technology Development Program													(5,979)
Total Second Repository													(5,979)
Federal/State Assistance													
Monitored Retrievable Storage Project													
Monitored Retrievable Storage													
Systems Engineering													
Site Investigations													
Monitored Retrievable Storage Facility													
Facility Design													
Regulatory													
Licensing													
Engineering Development													
Rod Consolidation													
Spent Fuel Storage Technology Development													
Transportable Cask Demonstration													
Project Management													
Program Management													
M&O													
Financial Assistance													
Quality Assurance													
Information Management													
Environment, Safety, and Health													
Institutional													
Support Services													
Total Monitored Retrievable Storage	5,214,770		15,938,585			2,635,688			119,861		3,825,203		3,945,064
Transportation System					1,685,256								
Systems Engineering													
Management													
Total	5,214,770		15,938,585		1,685,256	2,635,688			119,861		3,825,203		27,734,107

PETERSON CONSULTING LP/JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

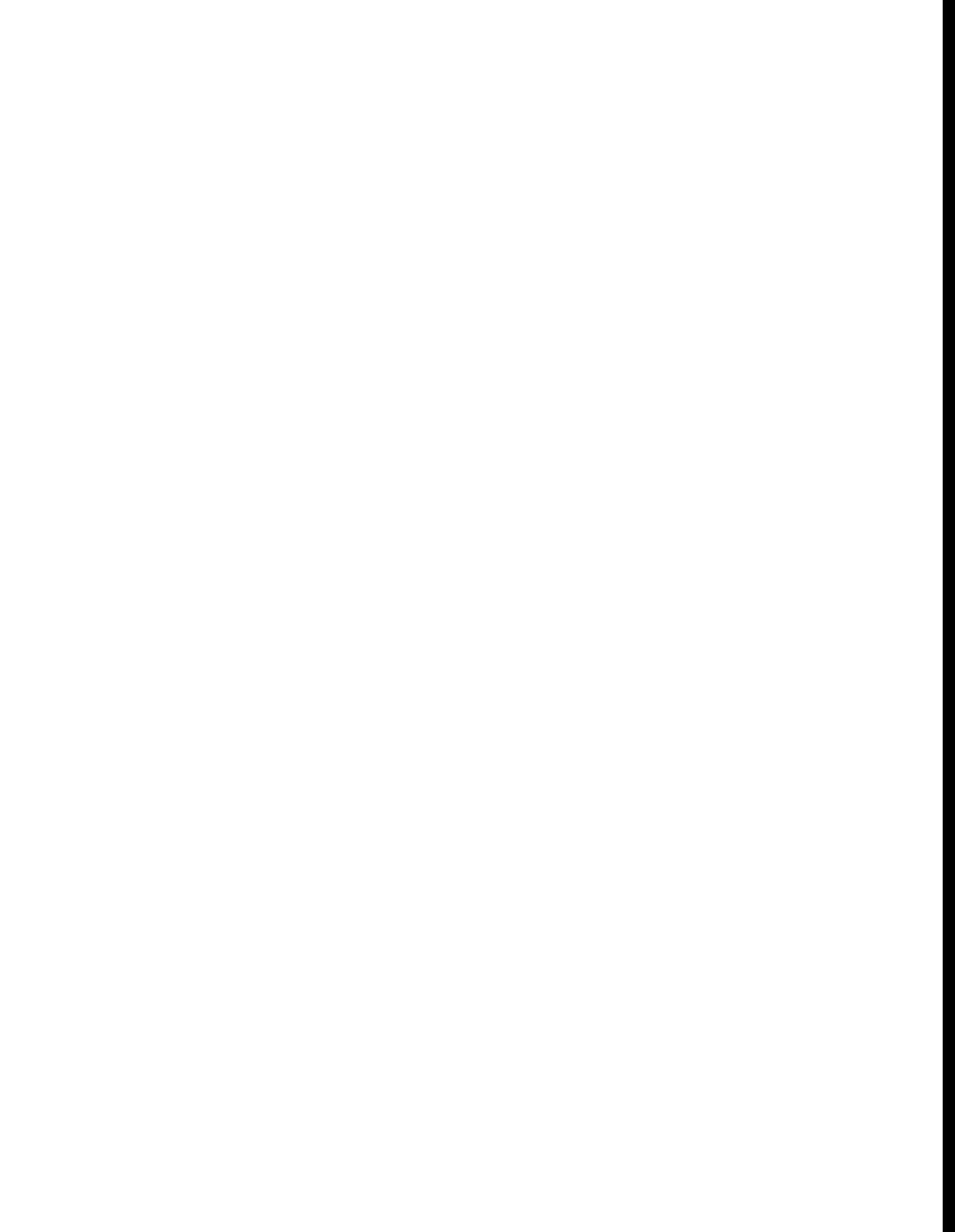
	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Infrastructure				Total FY 92	
							Quality Assurance	Institutional Assistance	Financial Assistance	Land Management		
Data Base and Model Development and Maintenance												
Transportation System Support				10,987,930								10,987,930
Casks												
Management												
From Reactor Casks												
Systems and Technology Development												
Testing												
Technical Support												
Support Systems												
Operations												
Operations - Phase II												
Support Systems Development				1,583,091								1,583,091
Management												
Systems Development												
Systems Acquisition - Phase II												
Regulatory												
Project Management												
Planning and Coordination												
Project Control												
Quality Assurance												
Information Management												
Environment, Safety, and Health												
Institutional												
Management												
Communication and Outreach												
Issue Management and Resolution												
Support Services												
M&O												
Technology Development, Data Systems and Testing Support												
Disposal Transportation												
Storage Transportation												
Total Transportation System				10,987,930	3,271,347					1,007,147		2,315,025
Waste Acceptance												
Waste Acceptance Process/Operations												
Economic Studies												
Data Collection Studies												
Direct Utility Payments												
Total Waste Acceptance												585,703
												2,362,806
												2,948,509
Total Monitored Retrievable Storage Project	5,214,770		18,887,094	10,987,930	3,271,347	2,655,688				1,307,878	119,661	4,832,350
												6,260,089
												2,998,733
Program Support												
Quality Assurance												
Systems Integration and Compliance												
Systems Integration												
Systems Engineering												
Systems Integration												
Systems Requirements and Definitions												
Systems Analysis Capabilities Development												
Quality Assurance												
Special Studies												
Program Management												
Systems Planning and Integration												
Technology Assessment												
Configuration Management												
Integration Studies and Support												
Waste Characterization and Treatment												
Waste Acceptance Studies												
System Interface Studies												
Modeling												
M&O												
Technical Support												
Defense Waste Studies												
Regulatory Compliance												
Regulatory Policy and Requirements												
Regulatory Integration												
Total Systems Integration and Compliance												13,775,186

PETERSON CONSULTING LP/JOHN REISS, JR & ASSOCIATES, INC.
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 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Financial Assistance	Infrastructure			Total FY 92
										Land	Management	Support	
Program Direction													
Program Management													
Strategic Planning													
Other System Studies													
Other Assistance													
Other System Studies		2,414,194											2,414,194
Strategic Planning and International Program Oversight													
Total Strategic Planning		2,414,194											2,414,194
International Waste Management Technology													
External Relations													
Scholarship Programs								636,908					636,908
Cooperative Agreements - External Relations								1,289,062					1,289,062
Total External Relations								1,925,970					1,925,970
Program Control and Administration													
Program Integration													
Financial Management Systems/Audit													
Interest Expense													
MPC Fees													
Contractual Services													
Total Program Control and Administration													
Information Management													
Information Resource Management													
Licensing Support System													
Total Information Management													
Contract Business Management													
Contract Management													
MAO Infrastructure & Fees													
Total Contract Business Management													
First Repository Support													
Supporting Test Facilities													
Materials Integration													
Total First Repository Support													
Monitored Retrievable Storage Project Support													
Contractual Services Provided by HR													
Total Program Support		16,189,380				(38,128)	2,998,733	1,925,970			47,457,345	8,864,606	61,246,654
Total Waste Management System	68,213,065	49,297,899	18,887,094	10,987,930	3,271,347	28,417,272	2,998,733	9,625,609	13,139,511	389,625	101,343,453	15,732,826	143,229,657
Capital Equipment													
Waste Management System													
First Repository													
Basalt Waste Isolation Project													
R&D													
Total Basalt Waste Isolation Project													
Yucca Mountain Site Characterization Project													
Systems Engineering													
Waste Package													
Site Investigations													
Repository													
Regulatory													
Exploratory Studies Facility													
Test Facilities													
Project Management													
Financial Assistance													
Quality Assurance													
Information Management													
Environment, Safety, and Health													
Institutional													

PETERSON CONSULTING LP/JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Infrastructure			Total FY 92				
							Quality Assurance	Institutional Assistance	Financial Assistance					
Support Services														
R&D														
Total Yucca Mountain Site Characterization Project	3,838,954									3,838,954				
Salt														
R&D	56									56				
Total Salt	56									56				
Technical Support & Analytical Studies														
R&D														
Total Technical Support & Analytical Studies	3,839,010									3,839,010				
Total First Repository														
Second Repository		60,745								60,745				
Monitored Retrievable Storage														
Transportation & Systems Integration							44,328			44,328				
Program Management and Technical Support							44,328			44,328				
Total Waste Management System							44,328			44,328				
Total Capital Equipment														
Unknown Program														
Nuclear Waste Fund														
Repositories														
Total Nuclear Waste Fund														
Total Unknown Program														
Grand Total	72,052,075	49,358,744	18,887,094	10,987,930	3,271,347	28,417,272	2,998,733	9,625,609	13,139,611	389,525	101,387,781	15,732,828	143,273,985	326,248,447
	22%	15%	6%	3%	1%	9%	1%	3%	4%	0%	31%	5%	44%	100%



YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92)

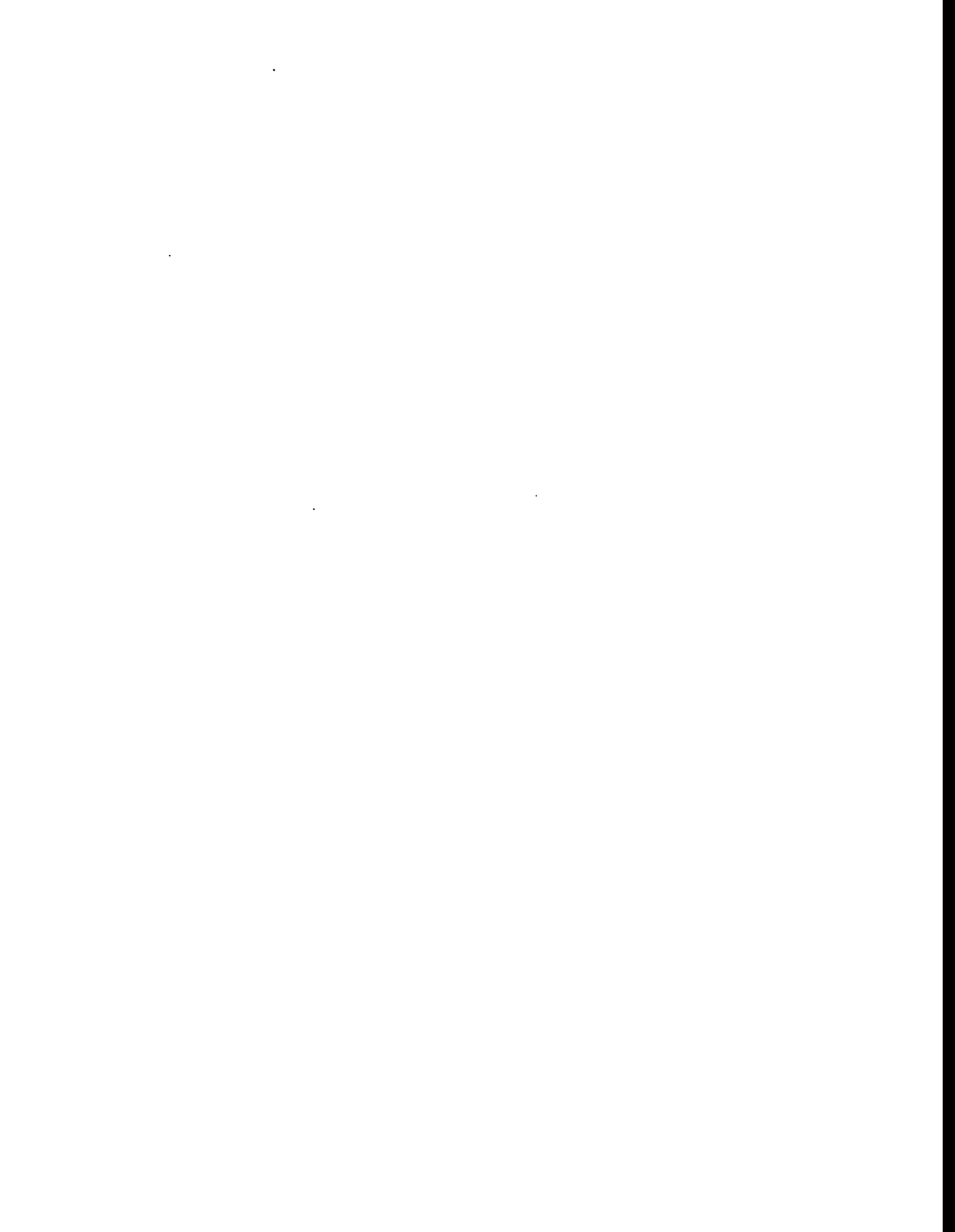
	Scientific/ Technical	Systems/ Repository	Infrastructure				Total FY 92
			Regulatory	Quality Assurance	Institutional Assistance	Financial Land Management	
Systems Engineering		70				4,534	4,534
Systems Engineering Coordination & Planning							70
Requirements Development & Maintenance		1,317					1,317
Program & Project Management Controls Documentation		111					111
Systems Integration		2,079					2,079
Special Studies		7					7
Technical Interface		23					23
Total System Life Cycle Cost							
YMP Support to the MSIS							
Specialty Engineering							
Value Engineering							
Q-List Development & Maintenance							
Determination of Importance Evaluation							
Total Systems Engineering		3,607			4,534		8,141
Waste Package							
Waste Package Coordination & Planning					986		986
Waste Package Requirements							
Waste Package Design		582					582
Waste Form Testing & Modeling		2,656					2,656
Waste Package Materials Testing & Modeling							
Total Waste Package		3,238			986		4,224
Site Investigations							
Site Investigations Coordination & Planning					7,922		7,922
Geology	8,756						8,756
Hydrology	9,431						9,431
Geochemistry	4,163						4,163
Drilling	11,535						11,535
Climatology	3,161						3,161
Resource Potential							
Special Studies							
Altered Zone Characterization							
Integrated Geophysical Testing for Site Characterization							
Waste Package Environment Testing & Modeling		1,344					1,344
Sealing	385						385
Total Site Investigations	37,431	1,344			7,922		46,697
Repository							
Repository Coordination & Planning					456		456
Requirements & Design Basis		115					115
Development & Testing		2,667					2,667
Facilities							
Surface ACD							
Subsurface ACD							

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92)

	Scientific/ Technical	Systems/ Repository	Infrastructure				Total FY 92
			Regulatory	Quality Assurance	Institutional Assistance	Financial Assistance	
Scientific/Design Interface for ACD							
Special Studies							
Total Repository		2,782			456	456	3,238
Regulatory							
Regulatory Support					2,436	2,436	2,436
Licensing			7,132				7,132
Technical Data Management			3,245				3,245
Performance Assessment			12,408				12,408
Special Projects							
Site Suitability Evaluation							
Total Regulatory			22,785		2,436	2,436	25,221
Exploratory Studies Facility							
ESF Coordination & Planning							
Site Preparation	900				5,192	5,192	5,192
Surface Facilities	1,130						900
First Access							1,130
Subsurface Excavations							
Operations							
Subsurface Utilities	2						2
Common Equipment							
Total Exploratory Studies Facility	2,032				5,192	5,192	7,224
Test Facilities							
Test Facilities Coordination & Planning							
Field Operations Center					497	497	497
General Support Facilities					1,297	1,297	1,297
Facility Operations & Maintenance					2,959	2,959	2,959
Support Services					1,954	1,954	1,954
Common Equipment					901	901	901
NTS Allocation					7,111	7,608	7,608
Total Test Facilities					497	7,608	8,105
Land Acquisition					159	159	159
Project Management							
Management & Coordination					7,256	7,256	7,256
Project Control					7,640	7,640	7,640
Control Support							
Project Control Integration							
Total Project Management					14,896	14,896	14,896
Financial & Technical Assistance							
					18,711	18,711	18,711

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY92)

	Scientific/ Technical	Systems/ Repository	Regulatory	Infrastructure				Total FY 92
				Quality Assurance	Institutional Assistance	Land Management	Support	
Quality Assurance								
Quality Assurance Coordination & Planning					1,943			1,943
Quality Assurance Program Development				3,080				3,080
Quality Assurance Verification				4,226				4,226
Field Quality Assurance/Quality Control				363				363
Quality Assurance - Quality Engineering				2,391				2,391
Total Quality Assurance				10,060		1,943		12,003
Information Management								
Information Management Coordination & Planning							4,764	4,764
Records Management & Document Control							3,878	3,878
Information Management Resources							8,642	8,642
Total Information Management								
Environment, Safety & Health								
Environment, Safety & Health Coordination & Planning			879					879
Safety & Occupational Health								6,875
Environmental Compliance								1,178
Environmental Field Programs								910
Environmental Meteorological Studies								879
Socioeconomics								910
Total Environment, Safety & Health			879					9,842
Institutional								
Institutional Coordination & Planning								106
Transportation Studies								2,621
Communication & Liason								2,727
Total Institutional								2,727
Support Services								
Support Services Management & Integration								106
Administrative Support								2,621
YMP Support for the Training Mission								10,456
Leadership & Management Support								3,192
YMSCO Safeguards & Security Program Development								10,456
Total Support Services								13,648
GRAND TOTAL	48,426	10,971	23,664	10,060	2,727	18,711	159	99,920
	26%	6%	13%	5%	1%	10%	0%	55%
								100%



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	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transpor- tation	Regulatory	Quality Assurance	Institutional Assistance	Financial Assistance	Infrastructure			Total FY 93
										Land	Management	Support	
Waste Management System													
First Repository													
Basalt (Basalt Waste Isolation Project)	169,411												169,411
Systems													
Waste Package													
Site													
Repository													
Regulatory & Institutional													
Exploratory Shafts													
Test Facilities													
Project Management													
Financial & Technical Assistance													
R&D													
Total Basalt (Basalt Waste Isolation Project)	169,411												169,411
Yucca Mountain Site Characterization Project													
Systems Engineering	5,916,888												5,916,888
Waste Package	7,846,852												7,846,852
Site Investigations	50,654,286												50,654,286
Repository	4,371,806												4,371,806
Regulatory						23,205,923							23,205,923
Exploratory Studies Facility	32,317,911												32,317,911
Test Facilities													
Field Operations Center													
Maintenance and Operations													
Administrative and Support Services													
Land Acquisition													
Project Management													
Financial Assistance													
Other	2,147												2,147
Environment, Safety, and Health	14,051,300												14,051,300
Institutional													
Support Services													
Quality Assurance													
Information Management													
M&O													
R&D/Unknown Tasks													
Total Yucca Mountain Site Characterization Project	97,025,644	18,135,546				23,205,923	9,576,148	3,517,534	18,653,184	14,997,225	40,287,705	87,041,796	225,408,909
Salt (Office of Nuclear Waste Isolation)													
Systems													
Waste Package													
Site													
Repository	4,285												4,285
Regulatory & Institutional													
Exploratory Shafts													
Test Facilities													
Land Acquisition													
Project Management													
Financial & Technical Assistance													
Other													
R&D													
Total Salt (Office of Nuclear Waste Isolation)	4,285					26,997			(277)	494,248	(277)	493,971	525,253
Technical Support & Analytical Studies													
Systems													
Waste Package													
Site													
Repository													
Regulatory & Institutional													
Test Facilities													
Land Acquisition													
Project Management													
Financial & Technical Assistance													
Other													
Total Technical Support & Analytical Studies													
Repository Technology Program													
Program Administration/Resource Management													
Facility Siting and Development													
Total Repository Technology Program	(35,557)												83,129
Total													305,251
Total Basalt (Basalt Waste Isolation Project)	169,411												169,411
Total Yucca Mountain Site Characterization Project	97,025,644	18,135,546				23,205,923	9,576,148	3,517,534	18,653,184	14,997,225	40,287,705	87,041,796	225,408,909
Total Salt (Office of Nuclear Waste Isolation)	4,285					26,997			(277)	494,248	(277)	493,971	525,253
Total Technical Support & Analytical Studies													
Total Repository Technology Program	(35,557)												83,129
Total													305,251

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	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Infrastructure			Total FY 93
									Financial Assistance	Land	Management	
Systems Integration and Regulations External Relations and Policy												
Total Technical Support & Analytical Studies	(35,557)	(917)										(3,672)
Total First Repository	97,159,498	18,138,914				23,232,920	9,576,148	3,517,534	16,211,761	40,270,250	88,228,600	226,759,932
Second Repository Crystalline Rock (Crystalline Repository Project)												
Waste Package Site Repository Regulatory & Institutional Test Facilities Land Acquisition Project Management Financial & Technical Assistance Other									415,037	(27,455)	387,582	351,106
Total Crystalline Rock (Crystalline Repository Project)									16,211,761	40,270,250	88,228,600	226,759,932
Sedimentary Rock Studies Systems Site Repository Total Sedimentary Rock Studies												
Other Media Financial & Technical Assistance R&D Total Other Media												
Repository Technology Development Program International Programs Geoscience Programs Engineered Barriers Total Systems Performance Assessment Siting Strategies Project Management Total Repository Technology Development Program		(362)										(324)
Total Second Repository		(362)										(666)
Federal/State Assistance												
Monitored Retrievable Storage Project Monitored Retrievable Storage Systems Engineering Site Investigations Monitored Retrievable Storage Facility Regulatory Licensing Regulatory Engineering Development Rod Consolidation Spent Fuel Storage Technology Development Transportable Cask Demonstration Project Management Program Management Management MLO Financial Assistance Quality Assurance Information Management Environment, Safety, and Health Institutional Support Services Total Monitored Retrievable Storage	1,024,536		1,351,872				621,308		5,091,229	296,030	1,218,273	1,351,872 1,024,536 3,585,011 621,308 4,289,688 5,091,229 5,091,229 1,218,273 217,089 296,030 1,450,549 (649) 1,450,549 217,089 217,089 1,450,549 1,218,273 217,089 296,030 529,526 (649) 1,450,549 217,089 217,089 8,272,521 19,674,462

PETERSON CONSULTING L.P./JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/Technical	Systems/Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional Assistance	Financial Assistance	Lend	Management	Support	Total	Total FY 93
Technical Support														
Defense Waste Studies						3,227,405								3,227,405
Regulatory Compliance						1,783,432								1,783,432
Regulatory Policy and Requirements						5,010,837								5,010,837
Regulatory Integration														
Regulatory Integration and Compliance														
Total Systems Integration and Compliance		14,128,431												19,139,268
Program Direction														
Program Management										17,878,744			17,878,744	17,878,744
Strategic Planning										2,089,292			2,089,292	2,089,292
Other System Studies														
Other Assistance														
Other System Studies														
Strategic Planning and International Program Oversight														
Total Strategic Planning										2,089,292			2,089,292	2,089,292
International Waste Management Technology	8,045,887													8,045,887
External Relations								637,655					637,655	637,655
Scholarship Programs								4,416,904					4,416,904	4,416,904
Cooperative Agreements - External Relations								5,054,559					5,054,559	5,054,559
Total External Relations								10,509,118					10,509,118	10,509,118
Program Control and Administration										3,524,124		295,141	3,819,265	3,819,265
Program Integration														
Financial Management Systems/Audit														
Interest Expense														
IFC Fees														
Contractual Services														
Total Program Control and Administration										3,524,124		295,141	3,819,265	3,819,265
Information Management														
Information Resource Management														
Licensing Support System														
Total Information Management														
Contract Business Management														
Contract Management														
M&O Infrastructure & Fees														
Total Contract Business Management														
First Repository Support														
Supporting Test Facilities														
Materials Integration														
Total First Repository Support														
Monitored Retrievable Storage Project Support														
Contractual Services Provided by HR														
Total Program Support	8,045,887	14,128,431				5,010,837	10,509,324	5,054,559					30,148,607	30,148,607
Total Waste Management System	107,222,866	32,267,021	13,194,810	10,207,356	1,657,431	28,909,561	20,396,429	14,389,733	19,871,180	48,405,284	69,763,140	172,825,766	366,284,811	366,284,811
Capital Equipment														
Waste Management System														
First Repository														
Basalt Waste Isolation Project														
R&D														
Total Basalt Waste Isolation Project														
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	1,416,287	76,008				196,627							1,788,922	1,788,922
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666
Yucca Mountain Site Characterization Project														
Systems Engineering														
Waste Package														
Site Investigations														
Repository														
Regulatory														
Total Basalt Waste Isolation Project	177,564	226,102											403,666	403,666

PETERSON CONSULTING LP/JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Infrastructure										Total FY 93		
	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transpor- tation	Regulatory	Quality/ Assurance	Institutional	Financial Assistance	Land		Management	Support
Exploratory Studies Facility													
Test Facilities													
Project Management													
Financial Assistance													
Quality Assurance													
Information Management													
Environmental, Safety, and Health													
Institutional													
Support Services													
R&D													
Total Yucca Mountain Site Characterization Project	2,019,474	479,674				196,627		98,428		417,031	433,347	948,606	3,641,581
Salt													
R&D													
Total Salt													
Technical Support & Analytical Studies													
R&D													
Total Technical Support & Analytical Studies	130,434												130,434
Total First Repository													
Second Repository													
Monitored Retrievable Storage													
Transportation & Systems Integration													
Program Management and Technical Support													
Total Waste Management System	2,149,908	479,674				196,627		98,428		417,031	433,347	948,606	3,775,015
Total Capital Equipment													
Unknown Program													
Nuclear Waste Fund													
Repositories													
Total Nuclear Waste Fund	6,650												6,650
Total Unknown Program													
Grand Total	109,372,774	32,753,345	13,194,810	10,207,356	1,657,431	29,106,188	20,396,429	14,389,733	19,969,608	49,116,037	70,196,487	174,068,294	370,360,198
	30%	9%	4%	3%	0%	8%	6%	4%	5%	13%	19%	47%	100%



YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY93)

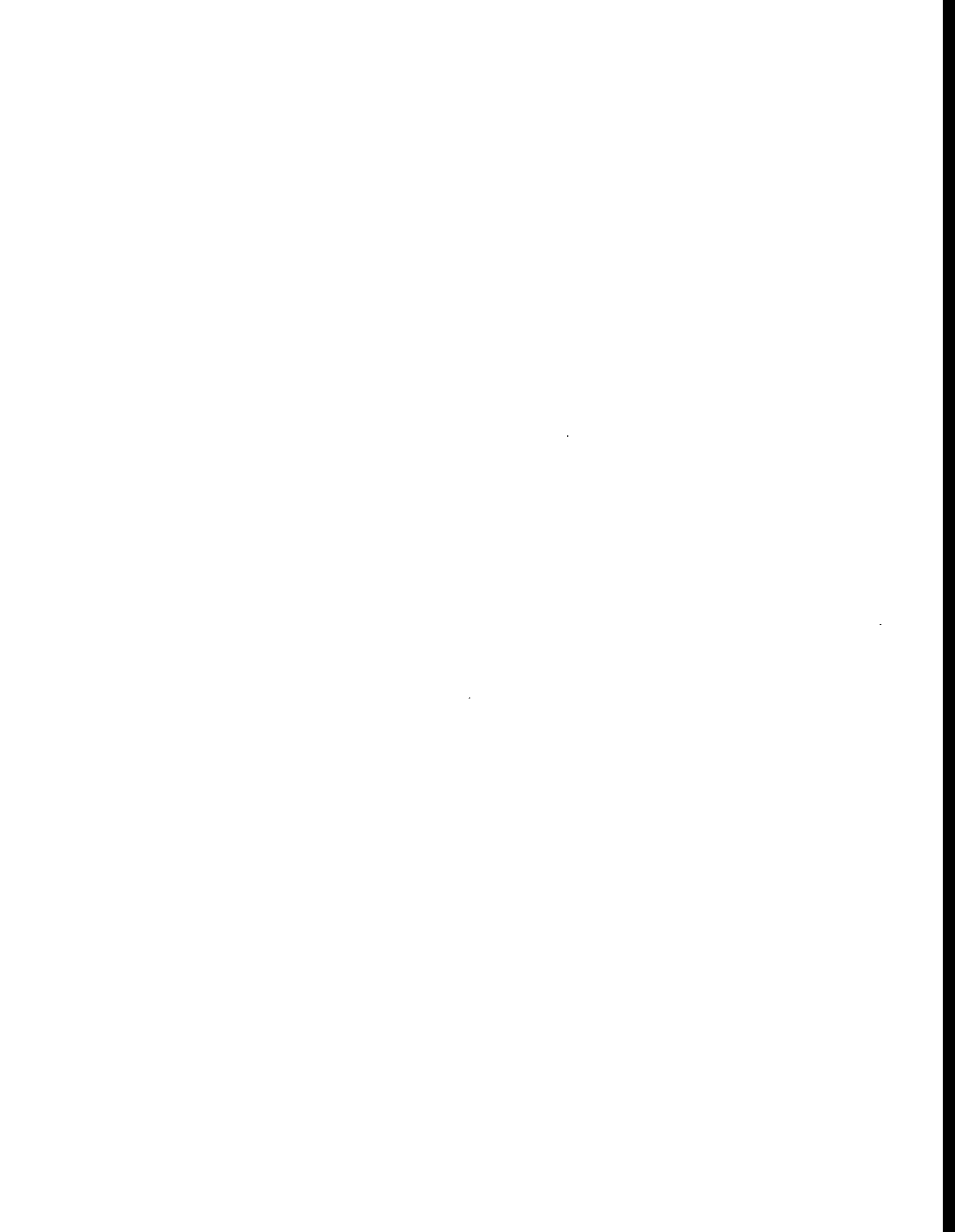
	Infrastructure						Total FY 93
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial Assistance	
Systems Engineering							
Systems Engineering Coordination & Planning		985			1,005	1,005	1,005
Requirements Development & Maintenance							985
Program & Project Management Controls Documentation					762	762	762
Systems Integration		496					496
Special Studies		1,346					1,346
Technical Interface		703					703
Total System Life Cycle Cost		59					59
YMP Support to the MSIS							
Specialty Engineering							
Value Engineering							
Q-List Development & Maintenance							
Determination of Importance Evaluation							
Total Systems Engineering		3,589			1,767	1,767	5,356
Waste Package							
Waste Package Coordination & Planning					843	843	843
Waste Package Requirements		800					800
Waste Package Design		3,211					3,211
Waste Form Testing & Modeling							
Waste Package Materials Testing & Modeling							
Total Waste Package		4,011			843	843	4,854
Site Investigations							
Site Investigations Coordination & Planning					7,737	7,737	7,737
Geology	11,262						11,262
Hydrology	8,759						8,759
Geochemistry	4,013						4,013
Drilling	16,463						16,463
Climatology	2,223						2,223
Resource Potential	80						80
Special Studies	25						25
Altered Zone Characterization	240						240
Integrated Geophysical Testing for Site Characterization							
Waste Package Environment Testing & Modeling		2,964					2,964
Sealing	549						549
Total Site Investigations	43,614	2,964			7,737	7,737	54,315
Repository							
Repository Coordination & Planning					693	693	693
Requirements & Design Basis		191					191
Development & Testing		1,692					1,692
Facilities		1,261					1,261
Surface ACD							

YUCCA MOUNTAIN PROJECT
INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
YUCCA MOUNTAIN PACS COST HISTORY (FY93)

	Infrastructure						Total FY 93		
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial Assistance		Land Management	Support
Subsurface ACD									
Scientific/Design Interface for ACD									
Special Studies									
Total Repository		3,144					693		3,837
Regulatory									
Regulatory Support							2,518		2,518
Licensing			5,715						5,715
Technical Data Management			3,503						3,503
Performance Assessment			11,066						11,066
Special Projects			1,053						1,053
Site Suitability Evaluation									
Total Regulatory			21,337				2,518		23,855
Exploratory Studies Facility									
ESF Coordination & Planning							9,249		9,249
Site Preparation	8,326								8,326
Surface Facilities	2,123								2,123
First Access	8,379								8,379
Subsurface Excavations									
Operations									
Subsurface Utilities									
Common Equipment									
Total Exploratory Studies Facility	22,901						9,249		32,150
Test Facilities									
Test Facilities Coordination & Planning							1,322		1,322
Field Operations Center							2,148		2,148
General Support Facilities							1,036		1,036
Facility Operations & Maintenance							2,455		2,455
Support Services							2,095		2,095
Common Equipment							243		243
NTS Allocation							1,678		1,678
Total Test Facilities							1,322	9,655	10,977
Land Aquisition									
Project Management									
Management & Coordination							5,810		5,810
Project Control							8,008		8,008
Control Support								1,311	1,311
Project Control Integration								191	191
Total Project Management							14,009	1,311	15,320

YUCCA MOUNTAIN PROJECT
INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
YUCCA MOUNTAIN PACS COST HISTORY (FY93)

	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Infrastructure			Total FY 93
					Financial Assistance	Land	Management	
Financial & Technical Assistance							18,474	18,474
Quality Assurance								
Quality Assurance Coordination & Planning					1,355			1,355
Quality Assurance Program Development				2,089				2,089
Quality Assurance Verification				2,680				2,680
Field Quality Assurance/Quality Control				1,797				1,797
Quality Assurance - Quality Engineering				1,854				1,854
Total Quality Assurance				8,420	1,355			9,775
Information Management								
Information Management Coordination & Planning					458			458
Records Management & Document Control						4,422		4,422
Information Management Resources						6,208		6,208
Total Information Management					458	11,088		11,088
Environment, Safety & Health								
Environment, Safety & Health Coordination & Planning					1,049			1,049
Safety & Occupational Health						1,505		1,505
Environmental Compliance			805					805
Environmental Field Programs	9,542							9,542
Environmental Meteorological Studies	22							22
Socioeconomics	1,190							1,190
Total Environment, Safety & Health	10,754		805		1,049	1,505		14,113
Institutional								
Institutional Coordination & Planning					385			385
Transportation Studies				174				174
Communication & Liason				2,923				2,923
Total Institutional				3,097				3,482
Support Services								
Support Services Management & Integration							357	357
Administrative Support							15,926	15,926
YMP Support for the Training Mission							3,625	3,625
Leadership & Management Support								
YMSCO Safeguards & Security Program Development								
Total Support Services							19,908	19,908
GRAND TOTAL	77,269	13,708	22,142	8,420	3,097	18,474	41,385	227,504
	34%	6%	10%	4%	1%	8%	18%	100%
							19%	50%



PETERSON CONSULTING LP, JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

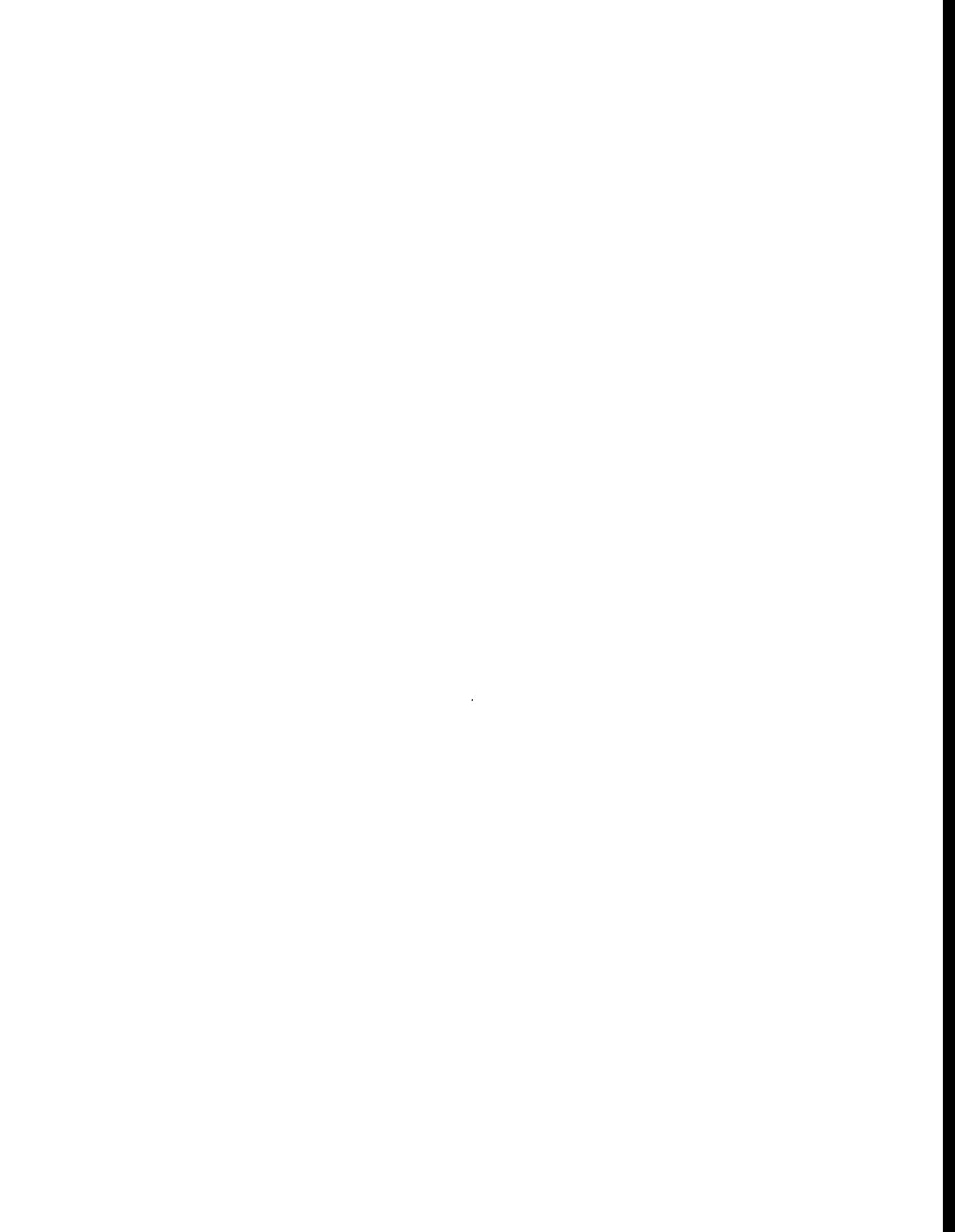
	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Financial Assistance	Infrastructure		Total FY 94
										Land	Management	
Waste Management System												
First Repository												
Basalt (Basalt Waste Isolation Project)	34,666											34,666
Systems												
Waste Package												
Site												
Repository												
Regulatory & Institutional												
Exploratory Shafts												
Test Facilities												
Project Management												
Financial & Technical Assistance												
R&D												
Total Basalt (Basalt Waste Isolation Project)	34,666					22,122,823				186,197	186,197	220,863
Yucca Mountain Site Characterization Project												
Systems Engineering												
Waste Package												
Site Investigations												
Repository												
Exploratory Shafts Facility												
Test Facilities												
Field Operations Center												
Maintenance and Operations												
Administrative and Support Services												
Land Acquisition												
Project Management												
Financial Assistance												
Other												
Environment, Safety, and Health												
Institutional												
Support Services												
Quality Assurance												
Information Management												
M&O												
R&D/Unknown Tasks												
Total Yucca Mountain Site Characterization Project	129,064,782	19,057,295				22,122,823	8,992,883	3,647,024	20,406,847	16,318,126	20,406,847	259,608,783
Salt (Office of Nuclear Waste Isolation)												
Systems												
Waste Package												
Site												
Repository												
Regulatory & Institutional												
Exploratory Shafts												
Test Facilities												
Land Acquisition												
Project Management												
Financial & Technical Assistance												
Other												
R&D												
Total Salt (Office of Nuclear Waste Isolation)	(992,851)	12,425				(1,304)				724,833	724,833	(256,897)
Technical Support & Analytical Studies												
Systems												
Waste Package												
Site												
Repository												
Regulatory & Institutional												
Test Facilities												
Land Acquisition												
Project Management												
Financial & Technical Assistance												
Other												
Repository Technology Program												
Program Administration/Resource Management												
Facility Siting and Development												
Systems Integration and Regulations												
External Relations and Policy												
Total	(1,764)	14,189				(696,976)		3,647,024	18,926,190	10,121,459	724,833	(1,113)
												(55)

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 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transpor- tation	Regulatory	Infrastructure				Total FY 94	
							Quality Assurance	Institutional Assistance	Financial Assistance	Land Management		Support
Total Technical Support & Analytical Studies		1,058										1,058
Total First Repository	128,106,597	19,070,778				22,121,519	8,992,883	3,647,024	20,406,847	17,229,156	39,997,003	259,571,807
Second Repository												
Crystalline Rock (Crystalline Repository Project)												
Systems												
Waste Package												
Site												
Repository												
Regulatory & Institutional												
Test Facilities												
Land Acquisition												
Project Management												
Financial & Technical Assistance												
Other												
Total Crystalline Rock (Crystalline Repository Project)												
Sedimentary Rock Studies												
Systems												
Site												
Repository												
Total Sedimentary Rock Studies												
Other Media												
Financial & Technical Assistance												
R&D												
Total Other Media												
Repository Technology Development Program												
International Programs												
Geoscience Programs												
Engineered Barriers												
Total Systems Performance Assessment												
Siting Strategies												
Project Management												
Total Repository Technology Development Program												
Total Second Repository												
Federal/State Assistance												
Monitored Retrievable Storage Project			1,975,145									1,975,145
Monitored Retrievable Storage	639,707		257,568									639,707
Systems Engineering												
Site Investigations												
Monitored Retrievable Storage Facility												
Facility Design												
Regulatory												
Licensing												
Engineering Development												
Rod Consolidation												
Spent Fuel Storage Technology Development												
Transportable Cask Demonstration												
Program Management												
Management												
M&O												
Financial Assistance												
Quality Assurance												
Information Management												
Environmental, Safety, and Health												
Institutional												
Support Services												
Total Monitored Retrievable Storage	14,297,317					764,507						14,297,317
Transportation System												
Systems Engineering												
Management												
Total Federal/State Assistance												
Total Federal/State Assistance												
Monitored Retrievable Storage Project			1,975,145									1,975,145
Monitored Retrievable Storage	639,707		257,568									639,707
Systems Engineering												
Site Investigations												
Monitored Retrievable Storage Facility												
Facility Design												
Regulatory												
Licensing												
Engineering Development												
Rod Consolidation												
Spent Fuel Storage Technology Development												
Transportable Cask Demonstration												
Program Management												
Management												
M&O												
Financial Assistance												
Quality Assurance												
Information Management												
Environmental, Safety, and Health												
Institutional												
Support Services												
Total Monitored Retrievable Storage	14,297,317					764,507						14,297,317
Transportation System												
Systems Engineering												
Management												
Total Federal/State Assistance												
Total Federal/State Assistance												
Monitored Retrievable Storage Project			1,975,145									1,975,145
Monitored Retrievable Storage	639,707		257,568									639,707
Systems Engineering												
Site Investigations												
Monitored Retrievable Storage Facility												
Facility Design												
Regulatory												
Licensing												
Engineering Development												
Rod Consolidation												
Spent Fuel Storage Technology Development												
Transportable Cask Demonstration												
Program Management												
Management												
M&O												
Financial Assistance												
Quality Assurance												
Information Management												
Environmental, Safety, and Health												
Institutional												
Support Services												
Total Monitored Retrievable Storage	14,297,317					764,507						14,297,317
Transportation System												
Systems Engineering												
Management												
Total Federal/State Assistance												
Total Federal/State Assistance												
Monitored Retrievable Storage Project			1,975,145									1,975,145
Monitored Retrievable Storage	639,707		257,568									639,707
Systems Engineering												
Site Investigations												
Monitored Retrievable Storage Facility												
Facility Design												
Regulatory												
Licensing												
Engineering Development												
Rod Consolidation												
Spent Fuel Storage Technology Development												
Transportable Cask Demonstration												
Program Management												
Management												
M&O												
Financial Assistance												
Quality Assurance												
Information Management												
Environmental, Safety, and Health												
Institutional												
Support Services												
Total Monitored Retrievable Storage	14,297,317					764,507						14,297,317
Transportation System												
Systems Engineering												
Management												
Total Federal/State Assistance												
Total Federal/State Assistance												
Monitored Retrievable Storage Project			1,975,145									1,975,145
Monitored Retrievable Storage	639,707		257,568									639,707
Systems Engineering												
Site Investigations												
Monitored Retrievable Storage Facility												

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	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Infrastructure			Support	Total	Total FY 94
							Quality Assurance	Institutional Assistance	Land Management			
Support Services												
R&D												
Total Yucca Mountain Site Characterization Project	16,213,826	267,175				338,652	54,536	28,248	356,265	929	416,209	856,187
Salt												
R&D												
Total Salt												
Technical Support & Analytical Studies	106,941											106,941
R&D	106,941											106,941
Total Technical Support & Analytical Studies	16,320,767	267,175				338,652	54,536	28,248	356,265	929	416,209	856,187
Total First Repository												
Second Repository												
Monitored Retrievable Storage												
Transportation & Systems Integration												
Program Management and Technical Support												
Total Waste Management System	16,320,767	267,175				338,652	54,536	28,248	356,265	929	416,209	856,187
Total Capital Equipment												
Unknown Program												
Nuclear Waste Fund												
Repositories												
Total Nuclear Waste Fund												
Total Unknown Program												
Grand Total	155,653,993	27,897,240	17,906,371	8,868,850	2,884,577	27,269,068	21,866,536	11,371,500	21,063,112	40,848,679	67,046,638	162,196,465
	39%	7%	4%	2%	1%	7%	5%	3%	5%	10%	17%	40%



YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (FY94)

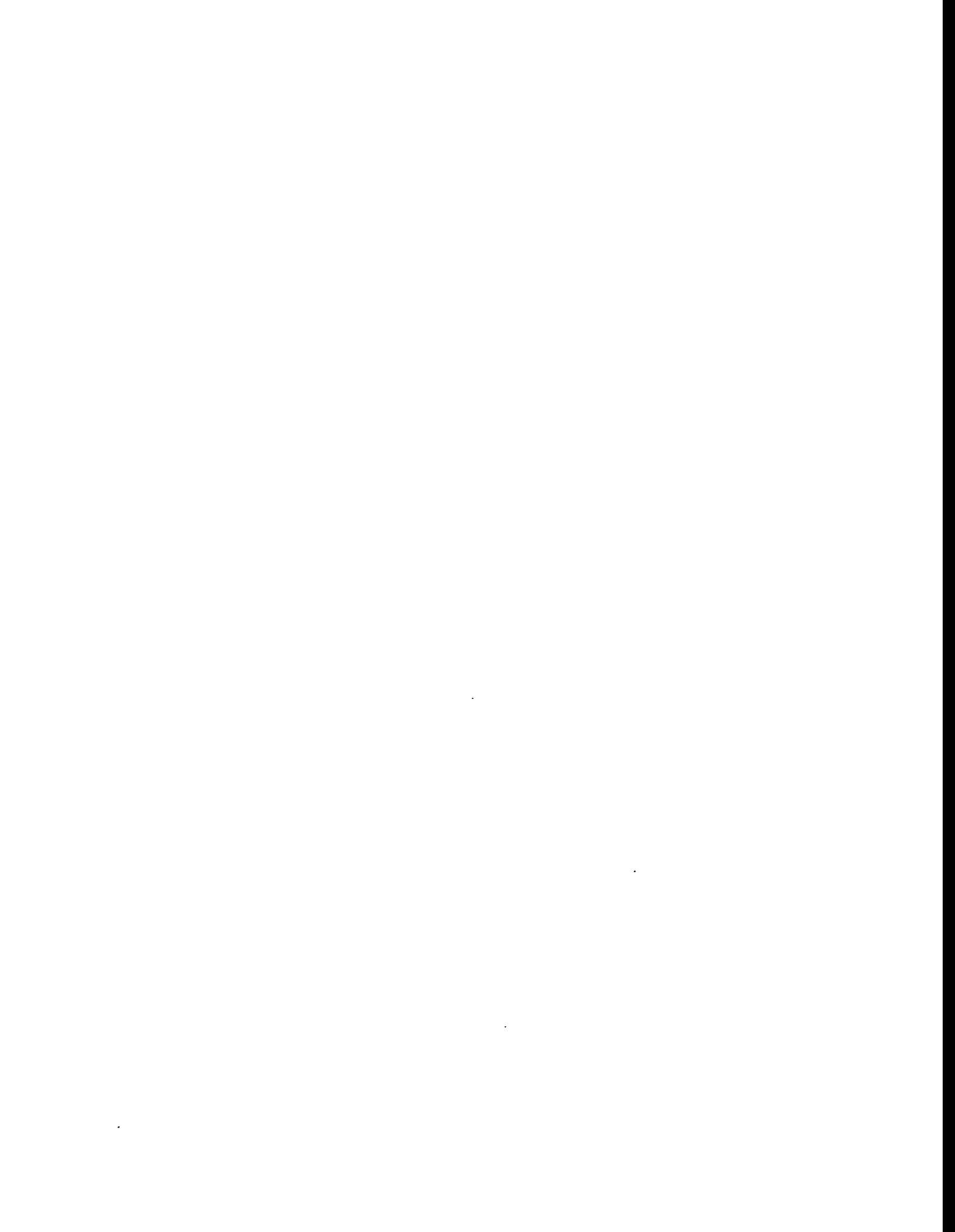
	Infrastructure							Total FY 94
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Insituational Assistance	Land Management	Support	
Systems Engineering								
Systems Engineering Coordination & Planning		729				1,283		1,283
Requirements Development & Maintenance								729
Program & Project Management Controls Documentation								
Systems Integration		1,516				576		576
Special Studies		1,382						1,516
Technical Interface		463						1,382
Total System Life Cycle Cost		15						463
YMP Support to the MSIS								15
Specialty Engineering								
Value Engineering								
Q-List Development & Maintenance								
Determination of Importance Evaluation								
Total Systems Engineering		740				1,859		740
		4,845				1,859		6,704
Waste Package								
Waste Package Coordination & Planning						931		931
Waste Package Requirements								
Waste Package Design		1,171						1,171
Waste Form Testing & Modeling		3,060						3,060
Waste Package Materials Testing & Modeling								
Total Waste Package		4,231				931		5,162
Site Investigations								
Site Investigations Coordination & Planning						8,117		8,117
Geology	14,314							14,314
Hydrology	11,337							11,337
Geochemistry	4,797							4,797
Drilling	14,971							14,971
Climatology	1,444							1,444
Resource Potential	269							269
Special Studies	2,627							2,627
Altered Zone Characterization	915							915
Integrated Geophysical Testing for Site Characterization	853							853
Waste Package Environment Testing & Modeling		5,904						5,904
Sealing	575							575
Total Site Investigations	52,102	5,904				8,117		66,123
Repository								
Repository Coordination & Planning						1,106		1,106
Requirements & Design Basis		219						219
Development & Testing		2,166						2,166
Facilities		1,935						1,935
Surface ACD								

YUCCA MOUNTAIN PROJECT
INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
YUCCA MOUNTAIN PACS COST HISTORY (FY94)

	Scientific/ Technical	Systems/ Repository	Infrastructure					Total FY 94
			Regulatory	Quality Assurance	Institutional Assistance	Land Management	Support	
Subsurface ACD		4,320			1,106		1,106	5,426
Scientific/Design Interface for ACD								
Special Studies								
Total Repository		4,320			1,106		1,106	5,426
Regulatory								
Regulatory Support								
Licensing			4,397				3,717	3,717
Technical Data Management			4,193					4,397
Performance Assessment			9,002					4,193
Special Projects			700					9,002
Site Suitability Evaluation			419					700
Total Regulatory			18,711				3,717	419
								22,428
Exploratory Studies Facility								
ESF Coordination & Planning								
Site Preparation	7,600					13,650		13,650
Surface Facilities	1,833							7,600
First Access	30,591							1,833
Subsurface Excavations	179							30,591
Operations	7,519							179
Subsurface Utilities								7,519
Common Equipment								
Total Exploratory Studies Facility	47,722					13,650		13,650
								61,372
Test Facilities								
Test Facilities Coordination & Planning				1,210				1,210
Field Operations Center					2,371			2,371
General Support Facilities					1,216			1,216
Facility Operations & Maintenance					2,850			2,850
Support Services					2,735			2,735
Common Equipment					204			204
NTS Allocation					3,000			3,000
Total Test Facilities				1,210	12,376		13,586	13,586
Land Aquisition								
Project Management								
Management & Coordination					6,865			6,865
Project Control					7,691			7,691
Control Support						1,772		1,772
Project Control Integration						259		259
Total Project Management					14,815	1,772	16,587	16,587

YUCCA MOUNTAIN PROJECT
INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
YUCCA MOUNTAIN PACS COST HISTORY (FY94)

	Scientific/ Technical	Systems/ Repository	Regulatory	Infrastructure				Total FY 94
				Quality Assurance	Institutional	Financial Assistance	Land Management	
Financial & Technical Assistance						21,968		21,968
Quality Assurance								
Quality Assurance Coordination & Planning						2,155		2,155
Quality Assurance Program Development				1,464				1,464
Quality Assurance Verification				2,793				2,793
Field Quality Assurance/Quality Control				740				740
Quality Assurance - Quality Engineering				1,851				1,851
Total Quality Assurance				6,848		2,155		9,003
Information Management								
Information Management Coordination & Planning								
Records Management & Document Control							4,081	4,081
Information Management Resources							6,565	6,565
Total Information Management							10,646	10,646
Environment, Safety & Health								
Environment, Safety & Health Coordination & Planning						705		705
Safety & Occupational Health							2,831	2,831
Environmental Compliance			1,079					1,079
Environmental Field Programs	9,376							9,376
Environmental Meteorological Studies	89							89
Socioeconomics	1,264							1,264
Total Environment, Safety & Health	10,729		1,079			705	2,831	15,344
Institutional								
Institutional Coordination & Planning								
Transportation Studies					144			144
Communication & Liason					2,973			2,973
Total Institutional					3,117			3,663
Support Services								
Support Services Management & Integration						546		546
Administrative Support							144	144
YMP Support for the Training Mission							2,973	2,973
Leadership & Management Support								
YMSCO Safeguards & Security Program Development								
Total Support Services						546		3,663
GRAND TOTAL	110,553	19,300	19,790	6,848	3,117	21,968	48,811	277,075
	40%	7%	7%	2%	1%	8%	18%	100%
							17%	46%
							19,063	19,063
							46,688	127,432
								277,075



PETERSON CONSULTING LP/JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Infrastructure					Total 10/94 - 3/95							
	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation		Regulatory	Quality Assurance	Institutional	Financial Assistance	Land	Management	Support
Waste Management System													
First Repository													
Basalt (Basalt Waste Isolation Project)													
Systems													
Waste Package													
Site	13,036												13,036
Repository													
Regulatory & Institutional													
Exploratory Shafts													
Test Facilities													
Project Management													
Financial & Technical Assistance													
R&D													
Total Basalt (Basalt Waste Isolation Project)	13,036												13,036
Yucca Mountain Site Characterization Project													
Systems Engineering													
Waste Package													
Site Investigations													
Repository	36,459,633												
Regulatory Studies Facility						10,672,005							
Test Facilities													
Field Operations Center													
Maintenance and Operations													
Administrative and Support Services													
Land Acquisition													
Project Management													
Financial Assistance													
Other	2,350,000												
Environment, Safety, and Health	8,671,771												
Institutional													
Support Services													
Quality Assurance													
Information Management													
M&O													
R&D/Unknown Tasks													
Total Yucca Mountain Site Characterization Project	79,239,856	11,668,313				10,672,005	4,192,747	2,135,936	27,864,190			7,937,431	166,601,701
Office of Nuclear Waste Isolation													
Systems													
Waste Package													
Site	(224,496)												(3,209)
Repository													
Regulatory & Institutional													
Exploratory Shafts													
Test Facilities													
Land Acquisition													
Project Management													
Financial & Technical Assistance													
Other													
R&D													
Total Office of Nuclear Waste Isolation	(224,496)	(3,209)				316,395			27,864,190				(3,209)
Technical Support & Analytical Studies													
Systems													
Waste Package													
Site	46,000												46,000
Repository													
Regulatory & Institutional													
Test Facilities													
Land Acquisition													
Project Management													
Financial & Technical Assistance													
Other													
Repository Technology Program													
Program Administration/Resource Management													
Facility Siting and Development	223,000												223,000

PETERSON CONSULTING L.P./JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Financial Assistance	Land	Management	Support	Total	Total 1084 - 395
Systems Integration and Regulations														
External Relations and Policy														
Total Technical Support & Analytical Studies	269,000												269,000	
Total First Repository	79,296,057	11,655,104				10,988,400	4,192,747	2,135,936	27,864,190		8,081,202	23,081,902	65,355,977	167,305,538
Second Repository														
Crystalline Rock (Crystalline Repository Project)														
Systems														
Waste Package														
Site	1,300												1,300	
Repository														
Regulatory & Institutional														
Test Facilities														
Land Acquisition														
Project Management														
Financial & Technical Assistance														
Other														
Total Crystalline Rock (Crystalline Repository Project)	1,300												1,300	
Sedimentary Rock Studies														
Systems														
Site														
Total Sedimentary Rock Studies														
Other Media														
Financial & Technical Assistance														
R&D														
Total Other Media														
Repository Technology Development Program														
International Programs														
Geoscience Programs														
Engineered Barriers														
Total Systems Performance Assessment	737												737	
Siting Strategies	813												813	
Project Management	630												630	
Total Repository Technology Development Program	2,180												2,180	
Total Second Repository	1,300	2,180											(4,500)	(1,020)
Federal/State Assistance														
Monitored Retrievable Storage Project														
Monitored Retrievable Storage														
Systems Engineering			363,163											363,163
Site Investigations			45,218											168,026
Monitored Retrievable Storage Facility														45,218
Facility Design														788,203
Regulatory														
Licensing														
Engineering Development														
Rod Consolidation														
Spent Fuel Storage Technology Development														
Transportable Cask Demonstration														
Project Management														
Program Management														
M&O														
Financial Assistance														
Quality Assurance														
Information Management														
Environment, Safety, and Health														
Institutional														
Support Services														
Total Monitored Retrievable Storage	2,026,614		3,920,558				788,203	52,215	(100,000)		888,328	123	1,100,555	7,835,930

PETERSON CONSULTING LP, JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

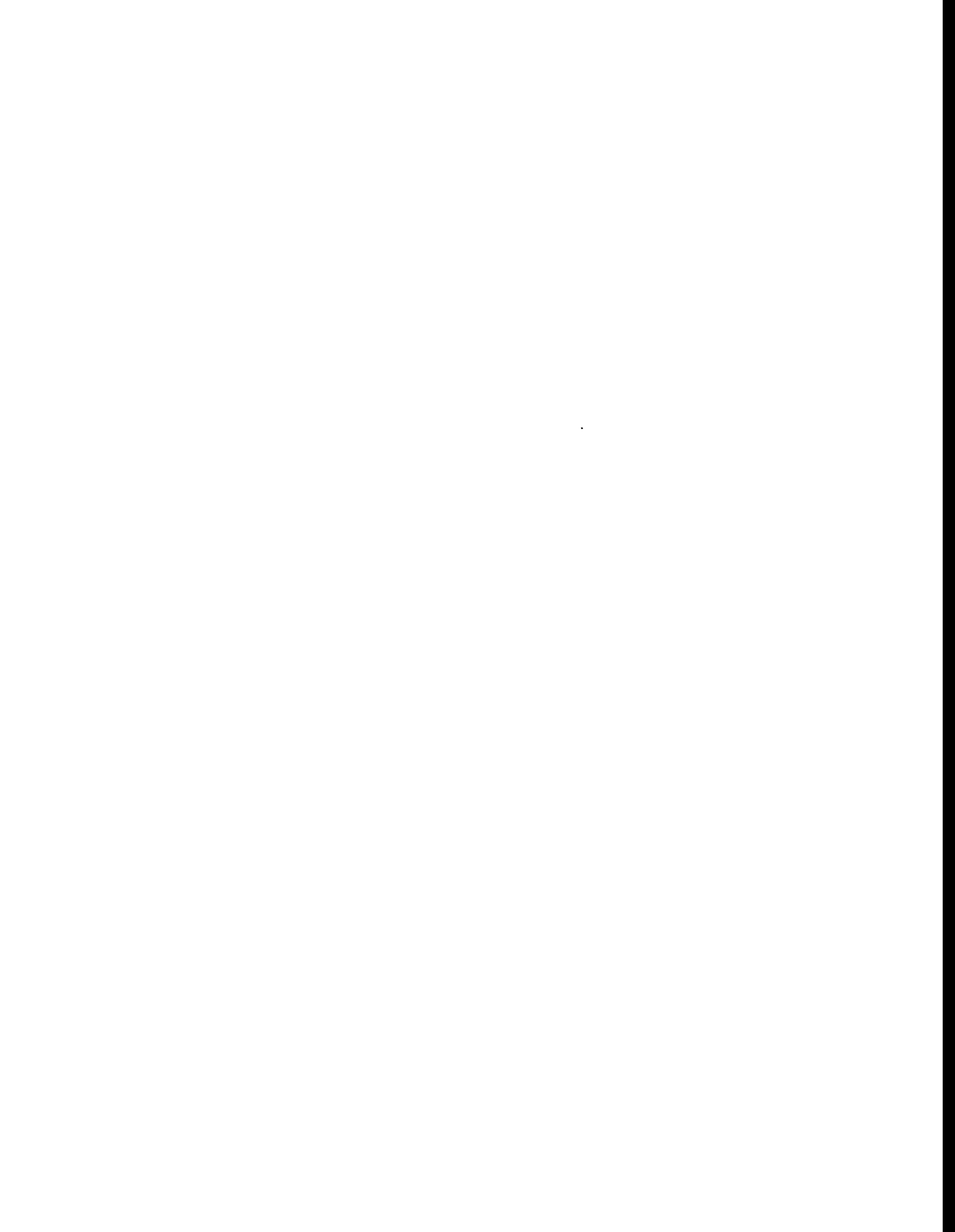
	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Quality Assurance	Institutional	Financial Assistance	Infrastructure			Total
										Land	Management	Support	
Transportation System					266,121								266,121
Systems Engineering Management													
Data Base and Model Development and Maintenance													
Transportation System Support				1,887,702									1,887,702
Management													
From Reactor Casks													
Systems and Technology Development					559,746								559,746
Testing													
Technical Support													
Support Systems													
Operations													
Operations - Phase II													
Support Systems Development													
Management													
Systems Development													
Systems Acquisition - Phase II						4,911							4,911
Regulatory													
Project Management													
Planning and Coordination													
Project Control													
Quality Assurance							34,103						34,103
Information Management													959
Environment, Safety, and Health	212,990							1,129,874					1,129,874
Institutional													
Management													
Communication and Outreach													
Issue Management and Resolution													
Support Services													
M&O													
Technology Development, Data Systems and Testing Support													
Disposal Transportation													
Storage Transportation													
System													
Total Transportation System	212,990			1,887,702	825,867	4,911	34,103	1,129,874			305,133	959	4,401,539
Waste Acceptance													
Waste Acceptance Process/Operations			1,305,907										1,305,907
Economic Studies			245,200										245,200
Data Collection Studies			803,307										803,307
Direct Utility Payments													
Total Waste Acceptance			2,354,414										2,354,414
Total Monitored Retrievable Storage Project	2,239,604		6,274,972	1,887,702	825,867	793,114	86,318	1,389,763	(100,000)	1,193,461	1,082		14,591,863
Program Support													
Quality Assurance													
Systems Integration and Compliance													
Systems Integration													
Systems Engineering		2,215,997											2,215,997
Systems Integration													
Systems Requirements and Definitions													
Systems Analysis Capabilities Development													
Quality Assurance													
Special Studies													
Program Management													
Systems Planning and Integration													
Technology Assessment													
Configuration Management													
Integration Studies and Support													
Waste Characterization and Treatment													
Waste Acceptance Studies													
System Interface Studies													
M&O		25											25
Integration and Treatment		643,706											643,706

PETERSON CONSULTING L.P./JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MFRS	MPC	Transportation	Regulatory	Infrastructure				Total	
							Quality Assurance	Institutional	Financial Assistance	Land Management		Support
Technical Support												
Defense Waste Studies												
Regulatory Compliance						646,889						646,889
Regulatory Policy and Requirements						698,955						698,955
Regulatory Integration						1,345,844						1,345,844
Total Systems Integration and Compliance		2,859,728										4,205,572
Program Direction												
Program Management									10,154,037			10,154,037
Strategic Planning									800,648			800,648
Other System Studies												
Other Assistance												
Other System Studies												
Strategic Planning and International Program Oversight												
Total Strategic Planning									800,648			800,648
International Waste Management Technology												3,479,324
External Relations												
Scholarship Programs							129,961					129,961
Cooperative Agreements - External Relations							2,836,842					2,836,842
Total External Relations							2,966,803					2,966,803
Program Control and Administration									1,273,191			1,273,191
Program Integration									306,476			306,476
Financial Management Systems/Audit												
Interest Expense												
NRC Fees												
Contractual Services									1,349,570			1,349,570
Total Program Control and Administration									1,556,046			2,929,237
Information Management												
Information Resource Management												
Licensing Support System												
Total Information Management									6,845,083			6,845,083
Contract Business Management												
Contract Management									889,364			889,364
M&O Infrastructure & Fees									2,815,976			2,815,976
Total Contract Business Management									3,705,340			3,705,340
First Repository Support												
Supporting Test Facilities									455,087			455,087
Materials Integration												
Total First Repository Support									455,087			455,087
Monitored Retrievable Storage Project Support												
Contractual Services Provided by HR												
Total Program Support		2,859,728		1,887,702	825,867	13,127,358	4,555,171			(295,121)		(295,121)
Total Waste Management System	3,479,324	2,859,728	6,274,972	1,887,702	825,867	13,127,358	4,555,171	2,966,803	15,933,216	9,686,332	33,141,522	40,826,418
Capital Equipment												
Waste Management System												
First Repository												
Basalt Waste Isolation Project												
R&D												
Total Basalt Waste Isolation Project									25,203,379	32,769,316	101,063,623	222,722,819
Yucca Mountain Site Characterization Project												
Systems Engineering		2,200										2,200
Waste Package		13,106										13,106
Site Investigations												
Repository												
Regulatory												
Total Yucca Mountain Site Characterization Project	1,897,140	2,200									61,746	1,897,140

PETERSON CONSULTING LP JOHN REISS, JR. & ASSOCIATES, INC.
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW OF THE YUCCA MOUNTAIN PROJECT
 NUCLEAR WASTE FUND HISTORICAL COST ALLOCATION

	Scientific/ Technical	Systems/ Repository	MRS	MPC	Transportation	Regulatory	Infrastructure				Total	
							Quality Assurance	Institutional Assistance	Financial Assistance	Land Management		Support
Exploratory Studies Facility												
Test Facilities												
Project Management												
Financial Assistance								92,939				92,939
Quality Assurance							19,426					19,426
Information Management										89,420		89,420
Environmental, Safety, and Health												
Institutional												
Support Services												
R&D												
Total Yucca Mountain Site Characterization Project	5,496,999	15,306				61,746	19,426	92,939		132,862	245,227	5,819,278
Salt												
R&D												
Total Salt												
Technical Support & Analytical Studies												
R&D	37,660											37,660
Total Technical Support & Analytical Studies	37,660											37,660
Total First Repository	5,534,659	15,306				61,746	19,426	92,939		132,862	245,227	5,865,938
Second Repository	12,000											12,000
Monitored Retrievable Storage												
Transportation & Systems Integration												
Program Management and Technical Support												
Total Waste Management System	5,546,659	15,306				61,746	19,426	92,939		132,862	337,866	5,961,577
Total Capital Equipment	5,546,659	15,306				61,746	19,426	92,939		132,862	337,866	5,961,577
Unknown Program												
Nuclear Waste Fund												
Repositories												
Total Nuclear Waste Fund												
Total Unknown Program												
Grand Total	90,562,944	14,542,318	6,274,972	1,887,702	825,887	13,189,104	8,853,662	6,492,502	27,857,129	25,296,018	32,902,178	101,401,489
	40%	6%	3%	1%	0%	6%	4%	3%	12%	11%	14%	44%
												100%



YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (10/94 - 3/95)

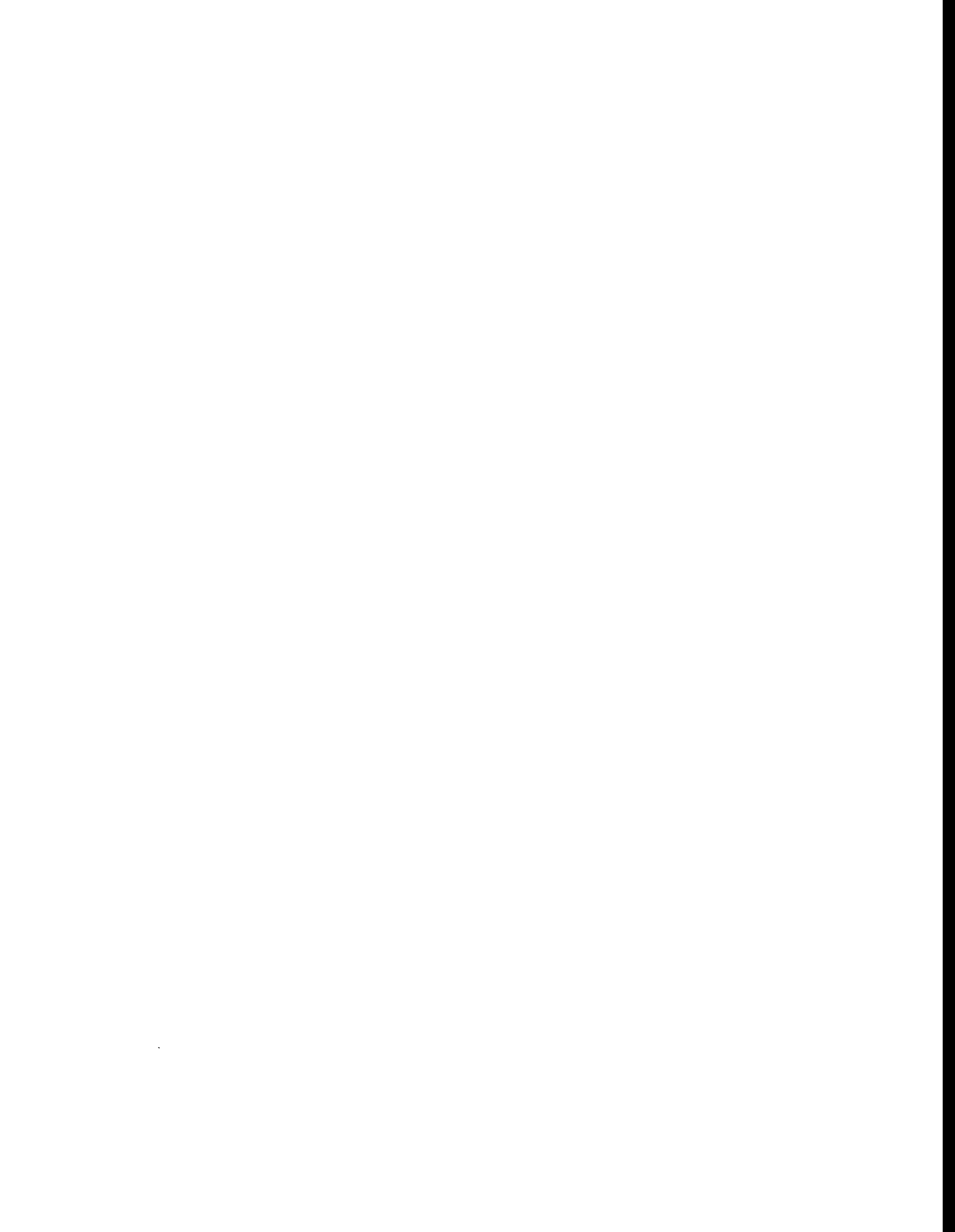
	Infrastructure						Total 10/94 - 3/95
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial Land Management	
Systems Engineering							
Systems Engineering Coordination & Planning		641.				442	442
Requirements Development & Maintenance							442
Program & Project Management Controls Documentation						101	101
Systems Integration		314					314
Special Studies		975					975
Technical Interface		28					28
Total System Life Cycle Cost		56					56
YMP Support to the MSIS							
Specialty Engineering		176					176
Value Engineering		71					71
Q-List Development & Maintenance		12					12
Determination of Importance Evaluation		635					635
Total Systems Engineering		2,908			543	543	3,451
Waste Package							
Waste Package Coordination & Planning					551	551	551
Waste Package Requirements		188					188
Waste Package Design		974					974
Waste Form Testing & Modeling		821					821
Waste Package Materials Testing & Modeling							816
Total Waste Package		2,799			551	551	3,350
Site Investigations							
Site Investigations Coordination & Planning					3,516	3,516	3,516
Geology	9,325						9,325
Hydrology	6,805						6,805
Geochemistry	3,356						3,356
Drilling	7,568						7,568
Climatology	951						951
Resource Potential	142						142
Special Studies	2,351						2,351
Altered Zone Characterization	876						876
Integrated Geophysical Testing for Site Characterization	1,349						1,349
Waste Package Environment Testing & Modeling		2,739					2,739
Sealing	160						160
Total Site Investigations	32,883	2,739			3,516	3,516	39,138
Repository							
Repository Coordination & Planning					919	919	919
Requirements & Design Basis		185					185
Development & Testing							
Facilities							
Surface ACD		1,026					1,026

YUCCA MOUNTAIN PROJECT
INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
YUCCA MOUNTAIN PACS COST HISTORY (10/94 - 3/95)

	Infrastructure							Total
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Land Management	Support	
Subsurface ACD		671						671
Scientific/Design Interface for ACD		123						123
Special Studies		77						77
Total Repository		2,082				919	919	3,001
Regulatory					2,057		2,057	2,057
Regulatory Support					2,712		2,712	2,712
Licensing					2,247		2,247	2,247
Technical Data Management					4,021		4,021	4,021
Performance Assessment								
Special Projects								
Site Suitability Evaluation			280					280
Total Regulatory			9,260		2,057		2,057	11,317
Exploratory Studies Facility								
ESF Coordination & Planning					8,498		8,498	8,498
Site Preparation	3,203							3,203
Surface Facilities	1,660							1,660
First Access	17,032							17,032
Subsurface Excavations	772							772
Operations	3,050							3,050
Subsurface Utilities	65							65
Common Equipment	871							871
Total Exploratory Studies Facility	26,653				8,498		8,498	35,151
Test Facilities								
Test Facilities Coordination & Planning					637		637	637
Field Operations Center					1,157		1,157	1,157
General Support Facilities					29		29	29
Facility Operations & Maintenance					1,824		1,824	1,824
Support Services					1,714		1,714	1,714
Common Equipment					1,300		1,300	1,300
NTS Allocation					3,700		3,700	3,700
Total Test Facilities					637	9,724	10,361	10,361
Land Acquisition								
Project Management								
Management & Coordination					2,887		2,887	2,887
Project Control					2,787		2,787	2,787
Control Support						1,322	1,322	1,322
Project Control Integration					326		326	326
Total Project Management					6,000	1,322	7,322	7,322

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS COST HISTORY (10/94 - 3/95)

	Infrastructure						Total 10/94 - 3/95 20,647
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial Land Management	
Financial & Technical Assistance							20,647
Quality Assurance						580	580
Quality Assurance Coordination & Planning				744		744	744
Quality Assurance Program Development				1,079		1,079	1,079
Quality Assurance Verification				529		529	529
Field Quality Assurance/Quality Control				1,301		1,301	1,301
Quality Assurance - Quality Engineering				3,653		3,653	3,653
Total Quality Assurance						580	4,233
Information Management						567	567
Information Management Coordination & Planning						567	567
Records Management & Document Control						1,658	1,658
Information Management Resources						4,332	4,332
Total Information Management						567	6,557
Environment, Safety & Health						643	643
Environment, Safety & Health Coordination & Planning						643	643
Safety & Occupational Health						1,264	1,264
Environmental Compliance			945			1,264	1,264
Environmental Field Programs	4,499						945
Environmental Meteorological Studies	96						4,499
Socioeconomics	890						96
Total Environment, Safety & Health	5,485		945			643	1,907
Institutional						412	412
Institutional Coordination & Planning						412	412
Transportation Studies						9	9
Communication & Liason						1,358	1,358
Total Institutional						412	1,779
Support Services						65	65
Support Services Management & Integration						65	65
Administrative Support						7,268	7,268
YMP Support for the Training Mission						1,748	1,748
Leadership & Management Support						365	365
YMSCO Safeguards & Security Program Development						26	26
Total Support Services						9,472	9,472
GRAND TOTAL	65,021	10,528	10,205	3,653	1,367	24,923	164,116
	40%	6%	6%	2%	1%	15%	100%
						17%	48%
						13%	100%



YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS FY95 BUDGET
 (Excluding Contractor Fee and Management Reserve)

	Infrastructure						FY95 Budget
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial	
					Land Management	Support	Total
Systems Engineering							
Systems Engineering Coordination & Planning		1,912			2,308		2,308
Requirements Development & Maintenance							1,912
Program & Project Management Controls Documentation		560			478		478
Systems Integration		1,952					560
Special Studies		100					1,952
Technical Interface							100
Total System Life Cycle Cost							
YMP Support to the MSIS		649					649
Specialty Engineering		158					158
Value Engineering		295					295
Q-List Development & Maintenance							
Determination of Importance Evaluation							
Total Systems Engineering		5,821			2,786		2,786
Waste Package							
Waste Package Coordination & Planning					1,348		1,348
Waste Package Requirements		587					587
Waste Package Design		2,965					2,965
Waste Form Testing & Modeling		2,050					2,050
Waste Package Materials Testing & Modeling		2,245					2,245
Total Waste Package		7,847			1,348		1,348
Site Investigations							
Site Investigations Coordination & Planning					6,531		6,531
Geology	21,227						6,531
Hydrology	16,061						21,227
Geochemistry	7,132						16,061
Drilling	13,490						7,132
Climatology	3,160						13,490
Resource Potential	150						3,160
Special Studies	5,299						150
Altered Zone Characterization	1,997						5,299
Integrated Geophysical Testing for Site Characterization	3,869						1,997
Waste Package Environment Testing & Modeling		5,508					3,869
Sealing	752						5,508
Total Site Investigations	73,137				6,531		752
Repository							
Repository Coordination & Planning					2,411		2,411
Requirements & Design Basis		401					401
Development & Testing							
Facilities							
Surface ACD		2,863					2,863
Subsurface ACD		2,800					2,800

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS FY95 BUDGET
 (Excluding Contractor Fee and Management Reserve)

	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial	Infrastructure	Land	Management	Support	Total	FY95 Budget
Scientific/Design Interface for ACD		300										300
Special Studies		240										240
Total Repository		6,604							2,411		2,411	9,015
Regulatory												
Regulatory Support			6,680						3,399		3,399	3,399
Licensing			4,869									6,680
Technical Data Management			9,390									4,869
Performance Assessment												9,390
Special Projects												
Site Suitability Evaluation			1,470									1,470
Total Regulatory			22,409						3,399		3,399	25,808
Exploratory Studies Facility												
ESF Coordination & Planning									18,982		18,982	18,982
Site Preparation	9,101											9,101
Surface Facilities	3,777											3,777
First Access	44,483											44,483
Subsurface Excavations	2,812											2,812
Operations	9,968											9,968
Subsurface Utilities	3,957											3,957
Common Equipment	5,990											5,990
Total Exploratory Studies Facility	80,088								18,982		18,982	99,070
Test Facilities												
Test Facilities Coordination & Planning									1,280		1,280	1,280
Field Operations Center									2,837		2,837	2,837
General Support Facilities									105		105	105
Facility Operations & Maintenance									3,490		3,490	3,490
Support Services									3,891		3,891	3,891
Common Equipment									274		274	274
NTS Allocation									3,000		3,000	3,000
Total Test Facilities									1,280	13,597	14,877	14,877
Land Acquisition												
Project Management									5,677		5,677	5,677
Management & Coordination									7,080		7,080	7,080
Project Control										2,463	2,463	2,463
Control Support										777	777	777
Project Control Integration												
Total Project Management									13,534	2,463	15,997	15,997
Financial & Technical Assistance						26,200					26,200	26,200

**YUCCA MOUNTAIN PROJECT
INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
YUCCA MOUNTAIN PACS FY95 BUDGET
(Excluding Contractor Fee and Management Reserve)**

	Scientific/ Technical	Systems/ Repository	Regulatory	Infrastructure				Total	FY95 Budget
				Quality Assurance	Financial Assistance	Land Management	Support		
Quality Assurance									
Quality Assurance Coordination & Planning					1,313		1,313	1,313	
Quality Assurance Program Development				1,524			1,524	1,524	
Quality Assurance Verification				2,832			2,832	2,832	
Field Quality Assurance/Quality Control				1,303			1,303	1,303	
Quality Assurance - Quality Engineering				2,493			2,493	2,493	
Total Quality Assurance				8,152	1,313		9,465	9,465	
Information Management									
Information Management Coordination & Planning					1,117		1,117	1,117	
Records Management & Document Control					3,753		3,753	3,753	
Information Management Resources					9,854		9,854	9,854	
Total Information Management					1,117	13,607	14,724	14,724	
Environment, Safety & Health									
Environment, Safety & Health Coordination & Planning					1,196		1,196	1,196	
Safety & Occupational Health					3,356		3,356	3,356	
Environmental Compliance			2,312				2,312	2,312	
Environmental Field Programs	9,909						9,909	9,909	
Environmental Meteorological Studies	132						132	132	
Socioeconomics	1,256						1,256	1,256	
Total Environment, Safety & Health	11,297		2,312		1,196	3,356	4,552	18,161	
Institutional									
Institutional Coordination & Planning					650		650	650	
Transportation Studies					21		21	21	
Communication & Liason					3,467		3,467	3,467	
Total Institutional					650	3,488	4,138	4,138	
Support Services									
Support Services Management & Integration					138		138	138	
Administrative Support					19,353		19,353	19,353	
YMP Support for the Training Mission					3,657		3,657	3,657	
Leadership & Management Support					506		506	506	
YMSCO Safeguards & Security Program Development									
Total Support Services					23,654		23,654	23,654	
GRAND TOTAL	154,522	25,780	24,721	8,152	54,547	26,200	149,064	364,087	
	45%	7%	7%	2%	15%	7%	41%	100%	



YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS FY95 REVISED ESTIMATE
 (Excludes Other)

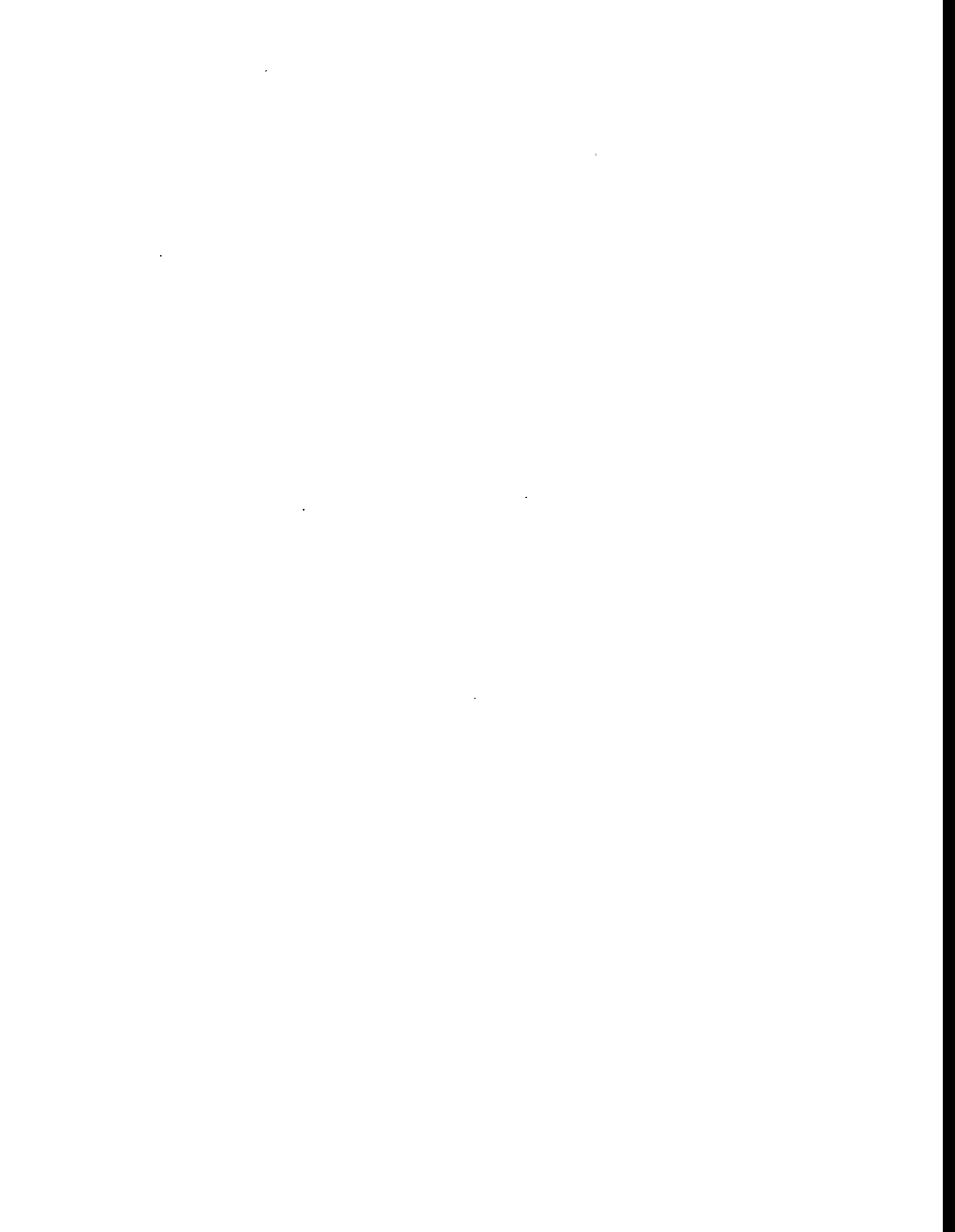
	Infrastructure						FY95 LRE
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial Assistance	
				Land	Management	Support	Total
Systems Engineering		1,670			1,015		1,015
Systems Engineering Coordination & Planning							
Requirements Development & Maintenance		772			383		383
Program & Project Management Controls Documentation		2,122					2,122
Systems Integration		147					147
Special Studies		118					118
Technical Interface							
Total System Life Cycle Cost							
YMP Support to the MSIS		603					603
Specialty Engineering		166					166
Value Engineering		32					32
Q-List Development & Maintenance		1,662					1,662
Determination of Importance Evaluation							
Total Systems Engineering		7,292			1,398		1,398
Waste Package							
Waste Package Coordination & Planning							
Waste Package Requirements		545			1,497		1,497
Waste Package Design		3,055					3,055
Waste Form Testing & Modeling		1,971					1,971
Waste Package Materials Testing & Modeling		2,264					2,264
Total Waste Package		7,835			1,497		1,497
Site Investigations							
Site Investigations Coordination & Planning							
Geology	22,737				7,193		7,193
Hydrology	17,095						22,737
Geochemistry	7,076						17,095
Drilling	19,591						7,076
Climatology	2,989						19,591
Resource Potential	142						2,989
Special Studies	5,234						142
Altered Zone Characterization	2,054						5,234
Integrated Geophysical Testing for Site Characterization	3,958						2,054
Waste Package Environment Testing & Modeling		5,656					3,958
Sealing	422						5,656
Total Site Investigations	81,298				7,193		7,193
Repository							
Repository Coordination & Planning							
Requirements & Design Basis		347			2,256		2,256
Development & Testing							347
Facilities							
Surface ACD		2,795					2,795
Subsurface ACD		2,438					2,438

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS FY95 REVISED ESTIMATE
 (Excludes Other)

	Infrastructure						FY95 LRE
	Scientific/ Technical	Systems/ Repository	Regulatory	Quality Assurance	Institutional Assistance	Financial	
Scientific/Design Interface for ACD		328					328
Special Studies		260					260
Total Repository		6,168			2,256	2,256	8,424
Regulatory							
Regulatory Support					4,326	4,326	4,326
Licensing			7,703				7,703
Technical Data Management			5,046				5,046
Performance Assessment			9,134				9,134
Special Projects							
Site Suitability Evaluation			1,067				1,067
Total Regulatory			22,950		4,326	4,326	27,276
Exploratory Studies Facility							
ESF Coordination & Planning					20,558	20,558	20,558
Site Preparation	10,753						10,753
Surface Facilities	5,221						5,221
First Access	64,525						64,525
Subsurface Excavations	2,092						2,092
Operations	9,124						9,124
Subsurface Utilities	1,300						1,300
Common Equipment	2,861						2,861
Total Exploratory Studies Facility	95,876				20,558	20,558	116,434
Test Facilities							
Test Facilities Coordination & Planning					1,443	1,443	1,443
Field Operations Center					3,049	3,049	3,049
General Support Facilities					112	112	112
Facility Operations & Maintenance					3,803	3,803	3,803
Support Services					3,814	3,814	3,814
Common Equipment					3,640	3,640	3,640
NTS Allocation					7,400	7,400	7,400
Total Test Facilities					1,443	21,818	23,261
Land Aquisition							
Project Management							
Management & Coordination					8,747	8,747	8,747
Project Control					6,523	6,523	6,523
Control Support					3,289	3,289	3,289
Project Control Integration					737	737	737
Total Project Management					16,007	3,289	19,296
Financial & Technical Assistance						32,200	32,200

YUCCA MOUNTAIN PROJECT
 INDEPENDENT MANAGEMENT & FINANCIAL REVIEW
 YUCCA MOUNTAIN PACS FY95 REVISED ESTIMATE
 (Excludes Other)

	Scientific/ Technical	Systems/ Repository	Regulatory	Infrastructure			Total	FY95 LRE
				Quality Assurance	Financial Assistance	Land Management		
Quality Assurance								
Quality Assurance Coordination & Planning				1,618			1,618	1,618
Quality Assurance Program Development								1,602
Quality Assurance Verification								2,342
Field Quality Assurance/Quality Control								1,191
Quality Assurance - Quality Engineering								2,816
Total Quality Assurance				1,618			9,569	9,569
Information Management								
Information Management Coordination & Planning				1,684			1,684	1,684
Records Management & Document Control								3,741
Information Management Resources								10,478
Total Information Management				1,684			15,903	15,903
Environment, Safety & Health								
Environment, Safety & Health Coordination & Planning				1,529			1,529	1,529
Safety & Occupational Health								2,886
Environmental Compliance			2,919				2,886	2,919
Environmental Field Programs	11,181							11,181
Environmental Meteorological Studies	191							191
Socioeconomics	1,984							1,984
Total Environment, Safety & Health	13,356		2,919	1,529			4,415	20,690
Institutional								
Institutional Coordination & Planning				960			960	960
Transportation Studies								28
Communication & Liason								3,891
Total Institutional				960			4,879	4,879
Support Services								
Support Services Management & Integration								214
Administrative Support								13,784
YMP Support for the Training Mission								4,094
Leadership & Management Support								780
YMSCO Safeguards & Security Program Development								26
Total Support Services							18,898	18,898
GRAND TOTAL	190,530	26,951	25,869	7,951	32,200	60,469	61,110	408,999
	47%	7%	6%	2%	1%	8%	15%	100%
							41%	



**BACK-UP TABLES FOR
TOTAL SYSTEM LIFE CYCLE COST ANALYSIS
AND FEE ADEQUACY ANALYSIS**

Back-up Tables for Total System Life Cycle Cost Analysis
and Fee Adequacy Analysis

Annual Total System Life Cycle Costs
(Base Case Scenarios)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs
 Scenario 1: One Repository System
 No Start-Up Delay
 (in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
1983	\$268	\$0	\$0	\$0	\$0	\$0	\$268	\$198	\$198
1984	399	0	0	0	0	0	399	294	492
1985	437	0	0	0	0	0	437	323	815
1986	532	0	0	0	0	0	532	393	1,207
1987	610	0	0	0	0	0	610	450	1,658
1988	481	0	0	0	0	0	481	355	2,013
1989	448	0	0	0	0	0	448	331	2,343
1990	355	0	0	0	0	0	355	262	2,605
1991	337	0	0	0	0	0	337	249	2,854
1992	350	0	0	0	0	0	350	258	3,112
1993	386	0	0	0	0	0	386	285	3,397
1994	411	0	0	0	0	0	411	303	3,700
1995	522	0	0	0	0	0	522	385	4,086
1996	605	0	0	0	0	0	605	446	4,532
1997	654	0	0	0	0	0	654	483	5,015
1998	644	0	0	0	0	32	676	506	5,520
1999	623	0	0	0	0	32	655	490	6,011
2000	557	0	0	0	0	71	628	480	6,490
2001	311	12	28	33	0	71	455	352	6,842
2002	283	12	20	21	0	71	407	316	7,158
2003	269	12	21	30	0	71	404	313	7,472
2004	268	12	19	26	0	71	395	307	7,779
2005	263	11	21	155	0	71	521	394	8,173
2006	248	11	20	265	0	71	615	459	8,631
2007	248	11	20	318	0	71	668	495	9,127
2008	246	11	19	316	0	71	663	492	9,618
2009	236	11	20	269	0	71	607	452	10,070
2010	203	17	54	175	0	142	590	462	10,533
2011	160	16	31	184	0	142	534	419	10,952
2012	158	16	33	197	0	142	546	427	11,379
2013	85	16	52	214	0	142	508	400	11,779
2014	38	15	57	254	0	142	506	397	12,175
2015	38	15	152	323	0	237	766	613	12,788
2016	38	14	75	312	0	237	677	543	13,331
2017	38	14	71	315	0	237	676	541	13,872
2018	38	14	73	315	0	237	677	543	14,415
2019	38	14	69	403	0	237	761	601	15,015
2020	38	13	81	319	0	237	689	552	15,567
2021	38	13	81	322	0	237	691	553	16,120
2022	38	13	72	321	0	237	681	545	16,665
2023	38	12	70	325	0	237	683	546	17,212
2024	38	12	64	318	0	237	670	537	17,748
2025	38	12	64	323	0	237	675	540	18,289
2026	38	12	64	333	0	237	685	547	18,836
2027	38	12	64	325	0	237	676	541	19,377
2028	38	11	64	314	0	237	664	533	19,910
2029	38	11	66	314	0	237	666	534	20,444
2030	38	11	81	309	0	237	676	543	20,987
2031	38	11	73	331	0	237	690	551	21,538
2032	38	10	63	321	0	237	669	536	22,074
2033	38	10	97	318	0	237	700	561	22,635
2034	38	10	83	312	0	237	680	546	23,181
2035	38	10	153	315	0	237	753	604	23,785
2036	35	10	77	311	0	237	669	538	24,323
2037	35	10	46	291	0	28	409	297	24,620
2038	35	9	43	284	0	28	398	290	24,909
2039	35	9	43	266	0	28	381	278	25,187
2040	31	9	42	249	0	28	359	262	25,449

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Annual Total-System Costs
Scenario 1: One Repository System
No Start-Up Delay
(in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
2099	0	0	0	0	0	0	0	0	27,317
	<u>\$13,243</u>	<u>\$710</u>	<u>\$2,431</u>	<u>\$12,286</u>	<u>\$0</u>	<u>\$6,854</u>	<u>\$35,523</u>	<u>\$27,317</u>	

Sources: Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP, April 1995.
DOE FIS/PACS Report Information.
Program Approach.

General Note: 1983-1994 D&E figures are actual Year-of-Expenditure amounts adjusted to 1995 dollars. 1995-2000 D&E figures are Year-of-Expenditure funding requirements adjusted to 1995 dollars. Other figures are based on the April 1995 Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP.

Notes: (a) The Annual Total Civilian Cost is the sum of the products of each annual Cost Category amount multiplied by its respective Civilian Percentage. The Civilian Percentage is calculated as follows:

Cost Category	Civilian Cost	Total Cost	Civilian Percentage
Development & Evaluation	\$9,061	\$12,281	73.80%
Benefits/PETT	494	715	69.10%
Transportation	2,145	2,682	80.00%
Repository	8,432	12,192	69.20%
Waste Acceptance/MPC	<u>6,474</u>	<u>6,713</u>	96.40%
Total	<u>\$26,606</u>	<u>\$34,583</u>	

Assumptions: Average Annual Inflation Rate 1995 - 2099
Number of Repositories Assumption:
Repository Start-Up Assumption:

4.00%
1
0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs
 Scenario 2: Two Repository System
 No Start-Up Delay
 (in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
1983	\$268	\$0	\$0	\$0	\$0	\$0	\$268	\$198	\$198
1984	399	0	0	0	0	0	399	294	492
1985	437	0	0	0	0	0	437	323	815
1986	532	0	0	0	0	0	532	393	1,207
1987	610	0	0	0	0	0	610	450	1,658
1988	481	0	0	0	0	0	481	355	2,013
1989	448	0	0	0	0	0	448	331	2,343
1990	355	0	0	0	0	0	355	262	2,605
1991	337	0	0	0	0	0	337	249	2,854
1992	350	0	0	0	0	0	350	258	3,112
1993	386	0	0	0	0	0	386	285	3,397
1994	411	0	0	0	0	0	411	303	3,700
1995	522	0	0	0	0	0	522	385	4,086
1996	605	0	0	0	0	0	605	446	4,532
1997	654	0	0	0	0	0	654	483	5,015
1998	644	0	0	0	0	44	688	517	5,532
1999	623	0	0	0	0	44	667	502	6,034
2000	557	0	0	0	0	98	655	506	6,539
2001	311	12	30	30	0	98	481	377	6,916
2002	283	12	21	23	0	98	437	344	7,261
2003	269	12	23	30	0	98	432	340	7,601
2004	268	12	20	27	0	98	424	335	7,936
2005	263	11	22	157	0	98	550	422	8,358
2006	248	11	21	266	0	98	645	487	8,844
2007	248	11	21	321	0	98	699	524	9,368
2008	246	11	20	319	0	98	694	520	9,888
2009	236	11	21	272	0	98	638	481	10,369
2010	132	17	57	178	0	196	579	466	10,836
2011	54	16	33	191	0	196	491	399	11,235
2012	52	16	35	202	0	196	502	407	11,641
2013	50	16	55	215	0	196	532	429	12,071
2014	50	15	60	258	0	196	579	463	12,534
2015	50	15	161	318	0	327	870	711	13,244
2016	50	14	79	318	0	327	789	645	13,890
2017	61	14	75	315	0	327	792	648	14,538
2018	77	14	77	315	0	327	810	662	15,199
2019	105	14	73	318	0	327	836	680	15,880
2020	132	13	86	312	0	327	870	706	16,585
2021	159	13	86	311	0	327	895	725	17,310
2022	159	13	76	319	0	327	894	723	18,034
2023	193	12	74	315	0	327	921	743	18,777
2024	265	12	68	319	0	327	991	794	19,571
2025	345	12	68	311	0	327	1,063	848	20,419
2026	400	12	68	312	0	327	1,119	889	21,307
2027	320	24	68	308	30	327	1,077	856	22,164
2028	272	23	68	305	117	327	1,113	879	23,042
2029	243	23	61	311	117	230	984	761	23,803
2030	220	23	60	301	61	0	664	476	24,279
2031	211	22	38	282	71	0	625	446	24,726
2032	212	22	36	265	71	0	607	433	25,159
2033	204	21	53	254	248	0	779	554	25,713
2034	204	21	28	209	368	0	830	586	26,300
2035	200	20	4	29	410	0	664	469	26,769
2036	193	26	2	29	530	0	780	549	27,318
2037	195	26	2	29	573	0	824	580	27,897
2038	108	25	2	29	470	0	634	444	28,341
2039	63	25	16	29	402	0	535	375	28,716
2040	32	24	57	29	343	0	484	343	29,059

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Annual Total-System Costs
Scenario 2: Two Repository System
No Start-Up Delay
(in millions of 1995 dollars)

<u>Year</u>	<u>Development & Evaluation</u>	<u>PETT & Benefits</u>	<u>Transportation</u>	<u>First Repository</u>	<u>Second Repository</u>	<u>Waste Acceptance & MPC</u>	<u>Total Cost</u>	<u>Civilian Portion of Total Cost</u>	<u>Civilian Cumulative Cost</u>
2099	0	0	0	0	0	0	0	0	35,369
	<u>\$17,087</u>	<u>\$1,401</u>	<u>\$2,414</u>	<u>\$9,814</u>	<u>\$9,336</u>	<u>\$6,854</u>	<u>\$46,906</u>	<u>\$35,369</u>	

Sources: Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP, April 1995.
DOE FIS/PACS Report Information.
Program Approach.

General Note: 1983-1994 D&E figures are actual Year-of-Expenditure amounts adjusted to 1995 dollars. 1995-2000 D&E figures are Year-of-Expenditure funding requirements adjusted to 1995 dollars. Other figures are based on the April 1995 Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP.

Notes: (a) The Annual Total Civilian Cost is the sum of the products of each annual Cost Category amount multiplied by its respective Civilian Percentage. The Civilian Percentage is calculated as follows:

<u>Cost Category</u>	<u>Civilian Cost</u>	<u>Total Cost</u>	<u>Civilian Percentage</u>
Development & Evaluation	\$9,061	\$12,281	73.80%
Benefits/PETT	494	715	69.10%
Transportation	2,145	2,682	80.00%
Repository	8,432	12,192	69.20%
Waste Acceptance/MPC	<u>6,474</u>	<u>6,713</u>	96.40%
Total	<u>\$26,606</u>	<u>\$34,583</u>	

Assumptions: Average Annual Inflation Rate 1995 - 2099 4.00%
Number of Repositories Assumption: 2
Repository Start-Up Assumption: 0

Annual Total System Life Cycle Costs
(with Repository Start-Up Delay)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs
 Scenario 1: One Repository System
 3 year Start-Up Delay
 (in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
1983	\$268	\$0	\$0	\$0	\$0	\$0	\$268	\$198	\$198
1984	399	0	0	0	0	0	399	294	492
1985	437	0	0	0	0	0	437	323	815
1986	532	0	0	0	0	0	532	393	1,207
1987	610	0	0	0	0	0	610	450	1,658
1988	481	0	0	0	0	0	481	355	2,013
1989	448	0	0	0	0	0	448	331	2,343
1990	355	0	0	0	0	0	355	262	2,605
1991	337	0	0	0	0	0	337	249	2,854
1992	350	0	0	0	0	0	350	258	3,112
1993	386	0	0	0	0	0	386	285	3,397
1994	411	0	0	0	0	0	411	303	3,700
1995	522	0	0	0	0	0	522	385	4,086
1996	605	0	0	0	0	0	605	446	4,532
1997	654	0	0	0	0	0	654	483	5,015
1998	644	0	0	0	0	32	676	506	5,520
1999	623	0	0	0	0	32	655	490	6,011
2000	557	0	0	0	0	71	628	480	6,490
2001	311	12	28	33	0	71	455	352	6,842
2002	283	12	20	21	0	71	407	316	7,158
2003	269	12	21	30	0	71	404	313	7,472
2004	268	12	19	26	0	71	395	307	7,779
2005	263	11	21	155	0	71	521	394	8,173
2006	248	11	20	265	0	71	615	459	8,631
2007	248	11	20	318	0	71	668	495	9,127
2008	246	11	19	316	0	71	663	492	9,618
2009	236	11	20	269	0	71	607	452	10,070
2010	248	11	20	265	0	71	615	458	10,529
2011	248	11	20	265	0	71	615	458	10,987
2012	248	11	20	265	0	71	615	458	11,446
2013	203	17	54	175	0	142	590	462	11,908
2014	160	16	31	184	0	142	534	419	12,327
2015	158	16	33	197	0	142	546	427	12,754
2016	85	16	52	214	0	142	508	400	13,154
2017	38	15	57	254	0	142	506	397	13,551
2018	38	15	152	323	0	237	766	613	14,163
2019	38	14	75	312	0	237	677	543	14,706
2020	38	14	71	315	0	237	676	541	15,247
2021	38	14	73	315	0	237	677	543	15,790
2022	38	14	69	403	0	237	761	601	16,391
2023	38	13	81	319	0	237	689	552	16,942
2024	38	13	81	322	0	237	691	553	17,496
2025	38	13	72	321	0	237	681	545	18,041
2026	38	12	70	325	0	237	683	546	18,587
2027	38	12	64	318	0	237	670	537	19,124
2028	38	12	64	323	0	237	675	540	19,664
2029	38	12	64	333	0	237	685	547	20,211
2030	38	12	64	325	0	237	676	541	20,752
2031	38	11	64	314	0	237	664	533	21,285
2032	38	11	66	314	0	237	666	534	21,819
2033	38	11	81	309	0	237	676	543	22,362
2034	38	11	73	331	0	237	690	551	22,914
2035	38	10	63	321	0	237	669	536	23,450
2036	38	10	97	318	0	237	700	561	24,011
2037	38	10	83	312	0	237	680	546	24,557
2038	38	10	153	315	0	237	753	604	25,161
2039	35	10	77	311	0	237	669	538	25,698
2040	35	10	46	291	0	28	409	297	25,995

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs
 Scenario 1: One Repository System
 3 year Start-Up Delay
 (in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
2099	0	0	0	0	0	0	0	0	28,692
	<u>\$13,987</u>	<u>\$743</u>	<u>\$2,491</u>	<u>\$13,081</u>	<u>\$0</u>	<u>\$7,067</u>	<u>\$37,368</u>	<u>\$28,692</u>	

Sources: Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP, April 1995.
 DOE FIS/PACS Report Information.
 Program Approach.

General Note: 1983-1994 D&E figures are actual Year-of-Expenditure amounts adjusted to 1995 dollars. 1995-2000 D&E figures are Year-of-Expenditure funding requirements adjusted to 1995 dollars. Other figures are based on the April 1995 Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP.

Notes: (a) The Annual Total Civilian Cost is the sum of the products of each annual Cost Category amount multiplied by its respective Civilian Percentage. The Civilian Percentage is calculated as follows:

Cost Category	Civilian Cost	Total Cost	Civilian Percentage
Development & Evaluation	\$9,061	\$12,281	73.80%
Benefits/PETT	494	715	69.10%
Transportation	2,145	2,682	80.00%
Repository	8,432	12,192	69.20%
Waste Acceptance/MPC	<u>6,474</u>	<u>6,713</u>	96.40%
Total	<u>\$26,606</u>	<u>\$34,583</u>	

Assumptions: Average Annual Inflation Rate 1995 - 2099 4.00%
 Number of Repositories Assumption: 1
 Repository Start-Up Assumption: 1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs
 Scenario 2: Two Repository System
 3 year Start-Up Delay
 (in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
1983	\$268	\$0	\$0	\$0	\$0	\$0	\$268	\$198	\$198
1984	399	0	0	0	0	0	399	294	492
1985	437	0	0	0	0	0	437	323	815
1986	532	0	0	0	0	0	532	393	1,207
1987	610	0	0	0	0	0	610	450	1,658
1988	481	0	0	0	0	0	481	355	2,013
1989	448	0	0	0	0	0	448	331	2,343
1990	355	0	0	0	0	0	355	262	2,605
1991	337	0	0	0	0	0	337	249	2,854
1992	350	0	0	0	0	0	350	258	3,112
1993	386	0	0	0	0	0	386	285	3,397
1994	411	0	0	0	0	0	411	303	3,700
1995	522	0	0	0	0	0	522	385	4,086
1996	605	0	0	0	0	0	605	446	4,532
1997	654	0	0	0	0	0	654	483	5,015
1998	644	0	0	0	0	44	688	517	5,532
1999	623	0	0	0	0	44	667	502	6,034
2000	557	0	0	0	0	98	655	506	6,539
2001	311	12	30	30	0	98	481	377	6,916
2002	283	12	21	23	0	98	437	344	7,261
2003	269	12	23	30	0	98	432	340	7,601
2004	268	12	20	27	0	98	424	335	7,936
2005	263	11	22	157	0	98	550	422	8,358
2006	248	11	21	266	0	98	645	487	8,844
2007	248	11	21	321	0	98	699	524	9,368
2008	246	11	20	319	0	98	694	520	9,888
2009	236	11	21	272	0	98	638	481	10,369
2010	248	11	21	267	0	98	645	487	10,856
2011	248	11	21	267	0	98	645	487	11,343
2012	248	11	21	267	0	98	645	487	11,829
2013	132	17	57	178	0	196	579	466	12,296
2014	54	16	33	191	0	196	491	399	12,695
2015	52	16	35	202	0	196	502	407	13,101
2016	50	16	55	215	0	196	532	429	13,531
2017	50	15	60	258	0	196	579	463	13,994
2018	50	15	161	318	0	327	870	711	14,704
2019	50	14	79	318	0	327	789	645	15,350
2020	61	14	75	315	0	327	792	648	15,998
2021	77	14	77	315	0	327	810	662	16,659
2022	105	14	73	318	0	327	836	680	17,340
2023	132	13	86	312	0	327	870	706	18,045
2024	159	13	86	311	0	327	895	725	18,770
2025	159	13	76	319	0	327	894	723	19,494
2026	193	12	74	315	0	327	921	743	20,237
2027	265	12	68	319	0	327	991	794	21,031
2028	345	12	68	311	0	327	1,063	848	21,879
2029	400	12	68	312	0	327	1,119	889	22,767
2030	320	24	68	308	30	327	1,077	856	23,624
2031	272	23	68	305	117	327	1,113	879	24,502
2032	243	23	61	311	117	230	984	761	25,263
2033	220	23	60	301	61	0	664	476	25,739
2034	211	22	38	282	71	0	625	446	26,186
2035	212	22	36	265	71	0	607	433	26,619
2036	204	21	53	254	248	0	779	554	27,173
2037	204	21	28	209	368	0	830	586	27,760
2038	200	20	4	29	410	0	664	469	28,229
2039	193	26	2	29	530	0	780	549	28,778
2040	195	26	2	29	573	0	824	580	29,357

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Annual Total-System Costs
Scenario 2: Two Repository System
3 year Start-Up Delay
(in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
2099	0	0	0	0	0	0	0	0	36,829
	<u>\$17,831</u>	<u>\$1,434</u>	<u>\$2,477</u>	<u>\$10,615</u>	<u>\$9,336</u>	<u>\$7,148</u>	<u>\$48,841</u>	<u>\$36,829</u>	

Sources: Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP, April 1995.
DOE FIS/PACS Report Information.
Program Approach.

General Note: 1983-1994 D&E figures are actual Year-of-Expenditure amounts adjusted to 1995 dollars. 1995-2000 D&E figures are Year-of-Expenditure funding requirements adjusted to 1995 dollars. Other figures are based on the April 1995 Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP.

Notes: (a) The Annual Total Civilian Cost is the sum of the products of each annual Cost Category amount multiplied by its respective Civilian Percentage. The Civilian Percentage is calculated as follows:

Cost Category	Civilian Cost	Total Cost	Civilian Percentage
Development & Evaluation	\$9,061	\$12,281	73.80%
Benefits/PETT	494	715	69.10%
Transportation	2,145	2,682	80.00%
Repository	8,432	12,192	69.20%
Waste Acceptance/MPC	<u>6,474</u>	<u>6,713</u>	96.40%
Total	<u>\$26,606</u>	<u>\$34,583</u>	

Assumptions: Average Annual Inflation Rate 1995 - 2099
Number of Repositories Assumption:
Repository Start-Up Assumption:

4.00%
2
1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs

Scenario 1: One Repository System

5 year Start-Up Delay

(in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
1983	\$268	\$0	\$0	\$0	\$0	\$0	\$268	\$198	\$198
1984	399	0	0	0	0	0	399	294	492
1985	437	0	0	0	0	0	437	323	815
1986	532	0	0	0	0	0	532	393	1,207
1987	610	0	0	0	0	0	610	450	1,658
1988	481	0	0	0	0	0	481	355	2,013
1989	448	0	0	0	0	0	448	331	2,343
1990	355	0	0	0	0	0	355	262	2,605
1991	337	0	0	0	0	0	337	249	2,854
1992	350	0	0	0	0	0	350	258	3,112
1993	386	0	0	0	0	0	386	285	3,397
1994	411	0	0	0	0	0	411	303	3,700
1995	522	0	0	0	0	0	522	385	4,086
1996	605	0	0	0	0	0	605	446	4,532
1997	654	0	0	0	0	0	654	483	5,015
1998	644	0	0	0	0	32	676	506	5,520
1999	623	0	0	0	0	32	655	490	6,011
2000	557	0	0	0	0	71	628	480	6,490
2001	311	12	28	33	0	71	455	352	6,842
2002	283	12	20	21	0	71	407	316	7,158
2003	269	12	21	30	0	71	404	313	7,472
2004	268	12	19	26	0	71	395	307	7,779
2005	263	11	21	155	0	71	521	394	8,173
2006	248	11	20	265	0	71	615	459	8,631
2007	248	11	20	318	0	71	668	495	9,127
2008	246	11	19	316	0	71	663	492	9,618
2009	236	11	20	269	0	71	607	452	10,070
2010	248	11	20	265	0	71	615	458	10,529
2011	248	11	20	265	0	71	615	458	10,987
2012	248	11	20	265	0	71	615	458	11,446
2013	248	11	20	265	0	71	615	458	11,904
2014	248	11	20	265	0	71	615	458	12,363
2015	203	17	54	175	0	142	590	462	12,825
2016	160	16	31	184	0	142	534	419	13,244
2017	158	16	33	197	0	142	546	427	13,671
2018	85	16	52	214	0	142	508	400	14,071
2019	38	15	57	254	0	142	506	397	14,467
2020	38	15	152	323	0	237	766	613	15,080
2021	38	14	75	312	0	237	677	543	15,623
2022	38	14	71	315	0	237	676	541	16,164
2023	38	14	73	315	0	237	677	543	16,707
2024	38	14	69	403	0	237	761	601	17,308
2025	38	13	81	319	0	237	689	552	17,859
2026	38	13	81	322	0	237	691	553	18,413
2027	38	13	72	321	0	237	681	545	18,958
2028	38	12	70	325	0	237	683	546	19,504
2029	38	12	64	318	0	237	670	537	20,041
2030	38	12	64	323	0	237	675	540	20,581
2031	38	12	64	333	0	237	685	547	21,128
2032	38	12	64	325	0	237	676	541	21,669
2033	38	11	64	314	0	237	664	533	22,202
2034	38	11	66	314	0	237	666	534	22,736
2035	38	11	81	309	0	237	676	543	23,279
2036	38	11	73	331	0	237	690	551	23,831
2037	38	10	63	321	0	237	669	536	24,366
2038	38	10	97	318	0	237	700	561	24,927
2039	38	10	83	312	0	237	680	546	25,473
2040	38	10	153	315	0	237	753	604	26,078

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs

Scenario 1: One Repository System

5 year Start-Up Delay

(in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
2099	0	0	0	0	0	0	0	0	29,609
	<u>\$14,483</u>	<u>\$765</u>	<u>\$2,531</u>	<u>\$13,611</u>	<u>\$0</u>	<u>\$7,209</u>	<u>\$38,598</u>	<u>\$29,609</u>	

Sources: Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP, April 1995.
DOE FIS/PACS Report Information.
Program Approach.

General Note: 1983-1994 D&E figures are actual Year-of-Expenditure amounts adjusted to 1995 dollars. 1995-2000 D&E figures are Year-of-Expenditure funding requirements adjusted to 1995 dollars. Other figures are based on the April 1995 Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP.

Notes: (a) The Annual Total Civilian Cost is the sum of the products of each annual Cost Category amount multiplied by its respective Civilian Percentage. The Civilian Percentage is calculated as follows:

Cost Category	Civilian Cost	Total Cost	Civilian Percentage
Development & Evaluation	\$9,061	\$12,281	73.80%
Benefits/PETT	494	715	69.10%
Transportation	2,145	2,682	80.00%
Repository	8,432	12,192	69.20%
Waste Acceptance/MPC	6,474	6,713	96.40%
Total	<u>\$26,606</u>	<u>\$34,583</u>	

Assumptions: Average Annual Inflation Rate 1995 - 2099

4.00%

Number of Repositories Assumption:

1

Repository Start-Up Assumption:

2

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Annual Total-System Costs
Scenario 2: Two Repository System
5 year Start-Up Delay
(in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
1983	\$268	\$0	\$0	\$0	\$0	\$0	\$268	\$198	\$198
1984	399	0	0	0	0	0	399	294	492
1985	437	0	0	0	0	0	437	323	815
1986	532	0	0	0	0	0	532	393	1,207
1987	610	0	0	0	0	0	610	450	1,658
1988	481	0	0	0	0	0	481	355	2,013
1989	448	0	0	0	0	0	448	331	2,343
1990	355	0	0	0	0	0	355	262	2,605
1991	337	0	0	0	0	0	337	249	2,854
1992	350	0	0	0	0	0	350	258	3,112
1993	386	0	0	0	0	0	386	285	3,397
1994	411	0	0	0	0	0	411	303	3,700
1995	522	0	0	0	0	0	522	385	4,086
1996	605	0	0	0	0	0	605	446	4,532
1997	654	0	0	0	0	0	654	483	5,015
1998	644	0	0	0	0	44	688	517	5,532
1999	623	0	0	0	0	44	667	502	6,034
2000	557	0	0	0	0	98	655	506	6,539
2001	311	12	30	30	0	98	481	377	6,916
2002	283	12	21	23	0	98	437	344	7,261
2003	269	12	23	30	0	98	432	340	7,601
2004	268	12	20	27	0	98	424	335	7,936
2005	263	11	22	157	0	98	550	422	8,358
2006	248	11	21	266	0	98	645	487	8,844
2007	248	11	21	321	0	98	699	524	9,368
2008	246	11	20	319	0	98	694	520	9,888
2009	236	11	21	272	0	98	638	481	10,369
2010	248	11	21	267	0	98	645	487	10,856
2011	248	11	21	267	0	98	645	487	11,343
2012	248	11	21	267	0	98	645	487	11,829
2013	248	11	21	267	0	98	645	487	12,316
2014	248	11	21	267	0	98	645	487	12,803
2015	132	17	57	178	0	196	579	466	13,269
2016	54	16	33	191	0	196	491	399	13,668
2017	52	16	35	202	0	196	502	407	14,075
2018	50	16	55	215	0	196	532	429	14,504
2019	50	15	60	258	0	196	579	463	14,967
2020	50	15	161	318	0	327	870	711	15,678
2021	50	14	79	318	0	327	789	645	16,323
2022	61	14	75	315	0	327	792	648	16,971
2023	77	14	77	315	0	327	810	662	17,633
2024	105	14	73	318	0	327	836	680	18,313
2025	132	13	86	312	0	327	870	706	19,019
2026	159	13	86	311	0	327	895	725	19,744
2027	159	13	76	319	0	327	894	723	20,467
2028	193	12	74	315	0	327	921	743	21,210
2029	265	12	68	319	0	327	991	794	22,004
2030	345	12	68	311	0	327	1,063	848	22,852
2031	400	12	68	312	0	327	1,119	889	23,741
2032	320	24	68	308	30	327	1,077	856	24,597
2033	272	23	68	305	117	327	1,113	879	25,475
2034	243	23	61	311	117	230	984	761	26,236
2035	220	23	60	301	61	0	664	476	26,713
2036	211	22	38	282	71	0	625	446	27,159
2037	212	22	36	265	71	0	607	433	27,592
2038	204	21	53	254	248	0	779	554	28,147
2039	204	21	28	209	368	0	830	586	28,733
2040	200	20	4	29	410	0	664	469	29,202

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Annual Total-System Costs
 Scenario 2: Two Repository System
 5 year Start-Up Delay
 (in millions of 1995 dollars)

Year	Development & Evaluation	PETT & Benefits	Transportation	First Repository	Second Repository	Waste Acceptance & MPC	Total Cost	Civilian Portion of Total Cost	Civilian Cumulative Cost
2041	193	26	2	29	530	0	780	549	29,751
2042	195	26	2	29	573	0	824	580	30,331
2043	108	25	2	29	470	0	634	444	30,774
2044	63	25	16	29	402	0	535	375	31,149
2045	32	24	57	29	343	0	484	343	31,492
2046	32	24	129	29	477	0	690	493	31,985
2047	32	23	55	29	479	0	617	434	32,419
2048	32	23	70	29	475	0	628	443	32,862
2049	32	22	44	29	475	0	601	422	33,284
2050	32	22	56	29	479	0	617	434	33,719
2051	32	22	50	29	455	0	587	413	34,131
2052	32	21	60	29	390	0	531	376	34,507
2053	32	21	24	29	208	0	313	220	34,727
2054	19	20	2	29	56	0	125	88	34,815
2055	19	20	2	29	50	0	119	83	34,898
2056	19	20	2	29	50	0	119	83	34,981
2057	19	19	0	29	38	0	105	73	35,055
2058	19	19	0	29	38	0	104	73	35,128
2059	19	19	0	29	38	0	104	73	35,201
2060	19	18	0	29	38	0	104	73	35,274
2061	19	18	0	29	38	0	104	72	35,346
2062	19	18	0	29	38	0	103	72	35,418
2063	19	17	0	29	38	0	103	72	35,490
2064	19	17	0	29	38	0	103	72	35,562
2065	19	17	0	50	38	0	124	86	35,649
2066	19	17	0	51	38	0	125	87	35,736
2067	19	16	0	51	38	0	125	87	35,823
2068	19	16	0	51	38	0	124	87	35,910
2069	19	16	0	51	38	0	124	87	35,997
2070	19	16	0	51	38	0	124	87	36,083
2071	19	15	0	51	38	0	124	86	36,170
2072	19	15	0	51	38	0	124	86	36,256
2073	19	15	0	51	38	0	123	86	36,342
2074	19	15	0	27	38	0	99	69	36,412
2075	19	15	0	27	38	0	99	69	36,481
2076	19	14	0	27	38	0	99	69	36,550
2077	19	8	0	27	38	0	92	65	36,615
2078	19	8	0	27	38	0	92	65	36,679
2079	17	8	0	0	38	0	64	45	36,724
2080	17	8	0	0	38	0	64	45	36,769
2081	17	8	0	0	38	0	64	45	36,814
2082	17	8	0	0	38	0	64	45	36,859
2083	17	8	0	0	38	0	63	45	36,903
2084	17	7	0	0	38	0	63	45	36,948
2085	17	7	0	0	38	0	63	45	36,993
2086	17	7	0	0	38	0	63	45	37,037
2087	17	7	0	0	38	0	63	44	37,082
2088	17	7	0	0	38	0	63	44	37,126
2089	17	7	0	0	38	0	63	44	37,170
2090	17	7	0	0	38	0	63	44	37,215
2091	17	7	0	0	38	0	63	44	37,259
2092	17	7	0	0	38	0	63	44	37,303
2093	17	7	0	0	38	0	63	44	37,347
2094	17	7	0	0	67	0	91	64	37,411
2095	17	7	0	0	110	0	134	93	37,504
2096	17	6	0	0	110	0	134	93	37,597
2097	17	6	0	0	88	0	112	78	37,676
2098	17	6	0	0	88	0	112	78	37,754

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Annual Total-System Costs
Scenario 2: Two Repository System
5 year Start-Up Delay
(in millions of 1995 dollars)

<u>Year</u>	<u>Development & Evaluation</u>	<u>PETT & Benefits</u>	<u>Transportation</u>	<u>First Repository</u>	<u>Second Repository</u>	<u>Waste Acceptance & MPC</u>	<u>Total Cost</u>	<u>Civilian Portion of Total Cost</u>	<u>Civilian Cumulative Cost</u>
2099	17	6	0	0	44	0	68	48	37,802
	<u>\$18,327</u>	<u>\$1,456</u>	<u>\$2,519</u>	<u>\$11,149</u>	<u>\$9,336</u>	<u>\$7,344</u>	<u>\$50,131</u>	<u>\$37,802</u>	

Sources: Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP, April 1995.
DOE FIS/PACS Report Information.
Program Approach.

General Note: 1983-1994 D&E figures are actual Year-of-Expenditure amounts adjusted to 1995 dollars. 1995-2000 D&E figures are Year-of-Expenditure funding requirements adjusted to 1995 dollars. Other figures are based on the April 1995 Analysis of the Total System Life Cycle Cost of the Program Approach for the CRWMP.

Notes: (a) The Annual Total Civilian Cost is the sum of the products of each annual Cost Category amount multiplied by its respective Civilian Percentage. The Civilian Percentage is calculated as follows:

<u>Cost Category</u>	<u>Civilian Cost</u>	<u>Total Cost</u>	<u>Civilian Percentage</u>
Development & Evaluation	\$9,061	\$12,281	73.80%
Benefits/PETT	494	715	69.10%
Transportation	2,145	2,682	80.00%
Repository	8,432	12,192	69.20%
Waste Acceptance/MPC	<u>6,474</u>	<u>6,713</u>	96.40%
Total	<u>\$26,606</u>	<u>\$34,583</u>	

Assumptions: Average Annual Inflation Rate 1995 - 2099
Number of Repositories Assumption:
Repository Start-Up Assumption:

4.00%
2
2

Projected Fee Generation
(Base Case)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

<u>Year</u>	<u>Nuclear Power Plant Capacity (MWe)</u>	<u>Nuclear Electricity Generated (million kWh) (a)</u>	<u>Estimated Annual kWh Fees (b)</u>	<u>Inflating/Deflating Factor</u>	<u>Annual kWh Fees in 1995 Dollars</u>	<u>Cumulative Fees</u>
1983	60,363	293,677	\$294	1.503	\$442	\$442
1984	66,725	327,634	328	1.444	474	916
1985	75,671	383,691	384	1.383	531	1,447
1986	84,500	414,038	414	1.334	552	1,999
1987	90,533	455,270	455	1.300	592	2,591
1988	97,084	526,973	527	1.260	664	3,255
1989	98,571	529,355	529	1.213	642	3,897
1990	99,829	576,862	577	1.162	670	4,567
1991	99,829	612,565	613	1.113	682	5,249
1992	99,654	618,776	619	1.072	664	5,913
1993	99,238	610,291	610	1.043	636	6,549
1994	99,238	639,364	639	1.021	652	7,201
1995	100,415	571,763	572	1.000	572	7,773
1996	100,415	571,763	572	0.962	550	8,323
1997	100,415	571,763	572	0.925	529	8,852
1998	100,415	571,763	572	0.889	509	9,361
1999	100,415	571,763	572	0.855	489	9,850
2000	100,415	571,763	572	0.822	470	10,320
2001	100,348	571,382	571	0.790	451	10,771
2002	100,348	571,382	571	0.760	434	11,205
2003	100,348	571,382	571	0.731	417	11,622
2004	100,348	571,382	571	0.703	401	12,023
2005	99,729	567,857	568	0.676	384	12,407
2006	99,119	564,384	564	0.650	367	12,774
2007	98,325	559,863	560	0.625	350	13,124
2008	95,623	544,477	544	0.601	327	13,451
2009	91,018	518,256	518	0.577	299	13,750
2010	89,583	510,086	510	0.555	283	14,033
2011	86,132	490,436	490	0.534	262	14,295
2012	85,338	485,915	486	0.513	249	14,544
2013	81,805	465,798	466	0.494	230	14,774
2014	71,571	407,525	408	0.475	194	14,968
2015	62,896	358,130	358	0.456	163	15,131
2016	61,241	348,706	349	0.439	153	15,284
2017	55,004	313,193	313	0.422	132	15,416
2018	52,223	297,358	297	0.406	121	15,537
2019	49,693	282,952	283	0.390	110	15,647
2020	49,693	282,952	283	0.375	106	15,753
2021	46,530	264,942	265	0.361	96	15,849
2022	43,431	247,296	247	0.347	86	15,935
2023	39,294	223,740	224	0.333	75	16,010
2024	35,136	200,064	200	0.321	64	16,074
2025	28,418	161,812	162	0.308	50	16,124
2026	22,013	125,342	125	0.296	37	16,161
2027	11,570	65,880	66	0.285	19	16,180
2028	6,879	39,169	39	0.274	11	16,191
2029	5,629	32,052	32	0.264	8	16,199
2030	3,477	19,798	20	0.253	5	16,204
2031	2,327	13,250	13	0.244	3	16,207
2032	2,327	13,250	13	0.234	3	16,210
2033	2,327	13,250	13	0.225	3	16,213
2034	1,177	6,702	7	0.217	2	16,215
2035	1,177	6,702	7	0.208	1	16,216
2036	0	0	0	0.200	0	16,216

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

<u>Year</u>	<u>Nuclear Power Plant Capacity (MWe)</u>	<u>Nuclear Electricity Generated (million kWh) (a)</u>	<u>Estimated Annual kWh Fees (b)</u>	<u>Inflating/ Deflating Factor</u>	<u>Annual kWh Fees in 1995 Dollars</u>	<u>Cumulative Fees</u>
2037	0	0	0	0.193	0	16,216
2038	0	0	0	0.185	0	16,216
2039	0	0	0	0.178	0	16,216
2040	0	0	0	0.171	0	16,216
2041	0	0	0	0.165	0	16,216
2042	0	0	0	0.158	0	16,216
2043	0	0	0	0.152	0	16,216
2044	0	0	0	0.146	0	16,216
2045	0	0	0	0.141	0	16,216
2046	0	0	0	0.135	0	16,216
2047	0	0	0	0.130	0	16,216
2048	0	0	0	0.125	0	16,216
2049	0	0	0	0.120	0	16,216
2050	0	0	0	0.116	0	16,216
2051	0	0	0	0.111	0	16,216
2052	0	0	0	0.107	0	16,216
2053	0	0	0	0.103	0	16,216
2054	0	0	0	0.099	0	16,216
2055	0	0	0	0.095	0	16,216
2056	0	0	0	0.091	0	16,216
2057	0	0	0	0.088	0	16,216
2058	0	0	0	0.085	0	16,216
2059	0	0	0	0.081	0	16,216
2060	0	0	0	0.078	0	16,216
2061	0	0	0	0.075	0	16,216
2062	0	0	0	0.072	0	16,216
2063	0	0	0	0.069	0	16,216
2064	0	0	0	0.067	0	16,216
2065	0	0	0	0.064	0	16,216
2066	0	0	0	0.062	0	16,216
2067	0	0	0	0.059	0	16,216
2068	0	0	0	0.057	0	16,216
2069	0	0	0	0.055	0	16,216
2070	0	0	0	0.053	0	16,216
2071	0	0	0	0.051	0	16,216
2072	0	0	0	0.049	0	16,216
2073	0	0	0	0.047	0	16,216
2074	0	0	0	0.045	0	16,216
2075	0	0	0	0.043	0	16,216
2076	0	0	0	0.042	0	16,216
2077	0	0	0	0.040	0	16,216
2078	0	0	0	0.039	0	16,216
2079	0	0	0	0.037	0	16,216
2080	0	0	0	0.036	0	16,216
2081	0	0	0	0.034	0	16,216
2082	0	0	0	0.033	0	16,216
2083	0	0	0	0.032	0	16,216
2084	0	0	0	0.030	0	16,216
2085	0	0	0	0.029	0	16,216
2086	0	0	0	0.028	0	16,216
2087	0	0	0	0.027	0	16,216
2088	0	0	0	0.026	0	16,216
2089	0	0	0	0.025	0	16,216
2090	0	0	0	0.024	0	16,216

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

Year	Nuclear Power Plant Capacity (MWe)	Nuclear Electricity Generated (million kWh) (a)	Estimated Annual kWh Fees (b)	Inflating/ Deflating Factor	Annual kWh Fees in 1995 Dollars	Cumulative Fees
2091	0	0	0	0.023	0	16,216
2092	0	0	0	0.022	0	16,216
2093	0	0	0	0.021	0	16,216
2094	0	0	0	0.021	0	16,216
2095	0	0	0	0.020	0	16,216
2096	0	0	0	0.019	0	16,216
2097	0	0	0	0.018	0	16,216
2098	0	0	0	0.018	0	16,216
2099	0	0	0	0.017	0	16,216
		Totals	<u>\$20,135</u>		<u>\$16,216</u>	

Sources: Nuclear News, a publication of the American Nuclear Society, March 1995.
Energy Information Administration Monthly Energy Review, March 1995.

Notes: (a) 1983 - 1994: Based on net generation of electricity.
1995 - 2009: Estimated based upon raw capacity data and capacity factor assumption.
2010 - 2099: Estimated based upon raw capacity data and capacity factor assumption.
(b) Fees in millions of dollars.

Assumptions: Average Nuclear Power Plant Capacity Factor 1995 - 2009: 65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099: 65.00%
Nuclear Waste Fund kWh Fee (\$ per kWh) 1983 - 1995: \$0.001
Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099: \$0.001
Nuclear Power Plants Assumption: 1

Projected Fee Generation
(Capacity Variations)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

Year	Nuclear Power Plant Capacity (MWe)	Nuclear Electricity Generated (million kWh) (a)	Estimated Annual kWh Fees (b)	Inflating/ Deflating Factor	Annual kWh Fees in 1995 Dollars	Cumulative Fees
1983	60,363	293,677	\$294	1.503	\$442	\$442
1984	66,725	327,634	328	1.444	474	916
1985	75,671	383,691	384	1.383	531	1,447
1986	84,500	414,038	414	1.334	552	1,999
1987	90,533	455,270	455	1.300	592	2,591
1988	97,084	526,973	527	1.260	664	3,255
1989	98,571	529,355	529	1.213	642	3,897
1990	99,829	576,862	577	1.162	670	4,567
1991	99,829	612,565	613	1.113	682	5,249
1992	99,654	618,776	619	1.072	664	5,913
1993	99,238	610,291	610	1.043	636	6,549
1994	99,238	639,364	639	1.021	652	7,201
1995	100,415	571,763	572	1.000	572	7,773
1996	100,415	571,763	572	0.962	550	8,323
1997	100,415	571,763	572	0.925	529	8,852
1998	100,415	571,763	572	0.889	509	9,361
1999	100,415	571,763	572	0.855	489	9,850
2000	100,415	571,763	572	0.822	470	10,320
2001	100,348	571,382	571	0.790	451	10,771
2002	100,348	571,382	571	0.760	434	11,205
2003	100,348	571,382	571	0.731	417	11,622
2004	100,348	571,382	571	0.703	401	12,023
2005	99,729	567,857	568	0.676	384	12,407
2006	99,119	564,384	564	0.650	367	12,774
2007	98,325	559,863	560	0.625	350	13,124
2008	95,623	544,477	544	0.601	327	13,451
2009	91,018	518,256	518	0.577	299	13,750
2010	89,583	470,848	471	0.555	261	14,011
2011	86,132	452,710	453	0.534	242	14,253
2012	85,338	448,537	449	0.513	230	14,483
2013	81,805	429,967	430	0.494	212	14,695
2014	71,571	376,177	376	0.475	179	14,874
2015	62,896	330,581	331	0.456	151	15,025
2016	61,241	321,883	322	0.439	141	15,166
2017	55,004	289,101	289	0.422	122	15,288
2018	52,223	274,484	274	0.406	111	15,399
2019	49,693	261,186	261	0.390	102	15,501
2020	49,693	261,186	261	0.375	98	15,599
2021	46,530	244,562	245	0.361	88	15,687
2022	43,431	228,273	228	0.347	79	15,766
2023	39,294	206,529	207	0.333	69	15,835
2024	35,136	184,675	185	0.321	59	15,894
2025	28,418	149,365	149	0.308	46	15,940
2026	22,013	115,700	116	0.296	34	15,974
2027	11,570	60,812	61	0.285	17	15,991
2028	6,879	36,156	36	0.274	10	16,001
2029	5,629	29,586	30	0.264	8	16,009
2030	3,477	18,275	18	0.253	5	16,014
2031	2,327	12,231	12	0.244	3	16,017
2032	2,327	12,231	12	0.234	3	16,020
2033	2,327	12,231	12	0.225	3	16,023
2034	1,177	6,186	6	0.217	1	16,024
2035	1,177	6,186	6	0.208	1	16,025
2036	0	0	0	0.200	0	16,025

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

<u>Year</u>	<u>Nuclear Power Plant Capacity (MWe)</u>	<u>Nuclear Electricity Generated (million kWh) (a)</u>	<u>Estimated Annual kWh Fees (b)</u>	<u>Inflating/ Deflating Factor</u>	<u>Annual kWh Fees in 1995 Dollars</u>	<u>Cumulative Fees</u>
2037	0	0	0	0.193	0	16,025
2038	0	0	0	0.185	0	16,025
2039	0	0	0	0.178	0	16,025
2040	0	0	0	0.171	0	16,025
2041	0	0	0	0.165	0	16,025
2042	0	0	0	0.158	0	16,025
2043	0	0	0	0.152	0	16,025
2044	0	0	0	0.146	0	16,025
2045	0	0	0	0.141	0	16,025
2046	0	0	0	0.135	0	16,025
2047	0	0	0	0.130	0	16,025
2048	0	0	0	0.125	0	16,025
2049	0	0	0	0.120	0	16,025
2050	0	0	0	0.116	0	16,025
2051	0	0	0	0.111	0	16,025
2052	0	0	0	0.107	0	16,025
2053	0	0	0	0.103	0	16,025
2054	0	0	0	0.099	0	16,025
2055	0	0	0	0.095	0	16,025
2056	0	0	0	0.091	0	16,025
2057	0	0	0	0.088	0	16,025
2058	0	0	0	0.085	0	16,025
2059	0	0	0	0.081	0	16,025
2060	0	0	0	0.078	0	16,025
2061	0	0	0	0.075	0	16,025
2062	0	0	0	0.072	0	16,025
2063	0	0	0	0.069	0	16,025
2064	0	0	0	0.067	0	16,025
2065	0	0	0	0.064	0	16,025
2066	0	0	0	0.062	0	16,025
2067	0	0	0	0.059	0	16,025
2068	0	0	0	0.057	0	16,025
2069	0	0	0	0.055	0	16,025
2070	0	0	0	0.053	0	16,025
2071	0	0	0	0.051	0	16,025
2072	0	0	0	0.049	0	16,025
2073	0	0	0	0.047	0	16,025
2074	0	0	0	0.045	0	16,025
2075	0	0	0	0.043	0	16,025
2076	0	0	0	0.042	0	16,025
2077	0	0	0	0.040	0	16,025
2078	0	0	0	0.039	0	16,025
2079	0	0	0	0.037	0	16,025
2080	0	0	0	0.036	0	16,025
2081	0	0	0	0.034	0	16,025
2082	0	0	0	0.033	0	16,025
2083	0	0	0	0.032	0	16,025
2084	0	0	0	0.030	0	16,025
2085	0	0	0	0.029	0	16,025
2086	0	0	0	0.028	0	16,025
2087	0	0	0	0.027	0	16,025
2088	0	0	0	0.026	0	16,025
2089	0	0	0	0.025	0	16,025
2090	0	0	0	0.024	0	16,025

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

Year	Nuclear Power Plant Capacity (MWe)	Nuclear Electricity Generated (million kWh) (a)	Estimated Annual kWh Fees (b)	Inflating/ Deflating Factor	Annual kWh Fees in 1995 Dollars	Cumulative Fees
2091	0	0	0	0.023	0	16,025
2092	0	0	0	0.022	0	16,025
2093	0	0	0	0.021	0	16,025
2094	0	0	0	0.021	0	16,025
2095	0	0	0	0.020	0	16,025
2096	0	0	0	0.019	0	16,025
2097	0	0	0	0.018	0	16,025
2098	0	0	0	0.018	0	16,025
2099	0	0	0	0.017	0	16,025
Totals			<u><u>\$19,699</u></u>		<u><u>\$16,025</u></u>	

Sources: Nuclear News, a publication of the American Nuclear Society, March 1995.
Energy Information Administration Monthly Energy Review, March 1995.

Notes: (a) 1983 - 1994: Based on net generation of electricity.
1995 - 2009: Estimated based upon raw capacity data and capacity factor assumption.
2010 - 2099: Estimated based upon raw capacity data and capacity factor assumption.
(b) Fees in millions of dollars.

Assumptions: Average Nuclear Power Plant Capacity Factor 1995 - 2009: 65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099: 60.00%
Nuclear Waste Fund kWh Fee (\$ per kWh) 1983 - 1995: \$0.001
Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099: \$0.001
Nuclear Power Plants Assumption: 1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

Year	Nuclear Power Plant Capacity (MWe)	Nuclear Electricity Generated (million kWh) (a)	Estimated Annual kWh Fees (b)	Inflating/ Deflating Factor	Annual kWh Fees in 1995 Dollars	Cumulative Fees
1983	60,363	293,677	\$294	1.503	\$442	\$442
1984	66,725	327,634	328	1.444	474	916
1985	75,671	383,691	384	1.383	531	1,447
1986	84,500	414,038	414	1.334	552	1,999
1987	90,533	455,270	455	1.300	592	2,591
1988	97,084	526,973	527	1.260	664	3,255
1989	98,571	529,355	529	1.213	642	3,897
1990	99,829	576,862	577	1.162	670	4,567
1991	99,829	612,565	613	1.113	682	5,249
1992	99,654	618,776	619	1.072	664	5,913
1993	99,238	610,291	610	1.043	636	6,549
1994	99,238	639,364	639	1.021	652	7,201
1995	100,415	571,763	572	1.000	572	7,773
1996	100,415	571,763	572	0.962	550	8,323
1997	100,415	571,763	572	0.925	529	8,852
1998	100,415	571,763	572	0.889	509	9,361
1999	100,415	571,763	572	0.855	489	9,850
2000	100,415	571,763	572	0.822	470	10,320
2001	100,348	571,382	571	0.790	451	10,771
2002	100,348	571,382	571	0.760	434	11,205
2003	100,348	571,382	571	0.731	417	11,622
2004	100,348	571,382	571	0.703	401	12,023
2005	99,729	567,857	568	0.676	384	12,407
2006	99,119	564,384	564	0.650	367	12,774
2007	98,325	559,863	560	0.625	350	13,124
2008	95,623	544,477	544	0.601	327	13,451
2009	91,018	518,256	518	0.577	299	13,750
2010	89,583	431,611	432	0.555	240	13,990
2011	86,132	414,984	415	0.534	222	14,212
2012	85,338	411,158	411	0.513	211	14,423
2013	81,805	394,136	394	0.494	195	14,618
2014	71,571	344,829	345	0.475	164	14,782
2015	62,896	303,033	303	0.456	138	14,920
2016	61,241	295,059	295	0.439	130	15,050
2017	55,004	265,009	265	0.422	112	15,162
2018	52,223	251,610	252	0.406	102	15,264
2019	49,693	239,421	239	0.390	93	15,357
2020	49,693	239,421	239	0.375	90	15,447
2021	46,530	224,182	224	0.361	81	15,528
2022	43,431	209,251	209	0.347	73	15,601
2023	39,294	189,318	189	0.333	63	15,664
2024	35,136	169,285	169	0.321	54	15,718
2025	28,418	136,918	137	0.308	42	15,760
2026	22,013	106,059	106	0.296	31	15,791
2027	11,570	55,744	56	0.285	16	15,807
2028	6,879	33,143	33	0.274	9	15,816
2029	5,629	27,121	27	0.264	7	15,823
2030	3,477	16,752	17	0.253	4	15,827
2031	2,327	11,211	11	0.244	3	15,830
2032	2,327	11,211	11	0.234	3	15,833
2033	2,327	11,211	11	0.225	2	15,835
2034	1,177	5,671	6	0.217	1	15,836
2035	1,177	5,671	6	0.208	1	15,837
2036	0	0	0	0.200	0	15,837

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2099

<u>Year</u>	<u>Nuclear Power Plant Capacity (MWe)</u>	<u>Nuclear Electricity Generated (million kWh) (a)</u>	<u>Estimated Annual kWh Fees (b)</u>	<u>Inflating/ Deflating Factor</u>	<u>Annual kWh Fees in 1995 Dollars</u>	<u>Cumulative Fees</u>
2037	0	0	0	0.193	0	15,837
2038	0	0	0	0.185	0	15,837
2039	0	0	0	0.178	0	15,837
2040	0	0	0	0.171	0	15,837
2041	0	0	0	0.165	0	15,837
2042	0	0	0	0.158	0	15,837
2043	0	0	0	0.152	0	15,837
2044	0	0	0	0.146	0	15,837
2045	0	0	0	0.141	0	15,837
2046	0	0	0	0.135	0	15,837
2047	0	0	0	0.130	0	15,837
2048	0	0	0	0.125	0	15,837
2049	0	0	0	0.120	0	15,837
2050	0	0	0	0.116	0	15,837
2051	0	0	0	0.111	0	15,837
2052	0	0	0	0.107	0	15,837
2053	0	0	0	0.103	0	15,837
2054	0	0	0	0.099	0	15,837
2055	0	0	0	0.095	0	15,837
2056	0	0	0	0.091	0	15,837
2057	0	0	0	0.088	0	15,837
2058	0	0	0	0.085	0	15,837
2059	0	0	0	0.081	0	15,837
2060	0	0	0	0.078	0	15,837
2061	0	0	0	0.075	0	15,837
2062	0	0	0	0.072	0	15,837
2063	0	0	0	0.069	0	15,837
2064	0	0	0	0.067	0	15,837
2065	0	0	0	0.064	0	15,837
2066	0	0	0	0.062	0	15,837
2067	0	0	0	0.059	0	15,837
2068	0	0	0	0.057	0	15,837
2069	0	0	0	0.055	0	15,837
2070	0	0	0	0.053	0	15,837
2071	0	0	0	0.051	0	15,837
2072	0	0	0	0.049	0	15,837
2073	0	0	0	0.047	0	15,837
2074	0	0	0	0.045	0	15,837
2075	0	0	0	0.043	0	15,837
2076	0	0	0	0.042	0	15,837
2077	0	0	0	0.040	0	15,837
2078	0	0	0	0.039	0	15,837
2079	0	0	0	0.037	0	15,837
2080	0	0	0	0.036	0	15,837
2081	0	0	0	0.034	0	15,837
2082	0	0	0	0.033	0	15,837
2083	0	0	0	0.032	0	15,837
2084	0	0	0	0.030	0	15,837
2085	0	0	0	0.029	0	15,837
2086	0	0	0	0.028	0	15,837
2087	0	0	0	0.027	0	15,837
2088	0	0	0	0.026	0	15,837
2089	0	0	0	0.025	0	15,837
2090	0	0	0	0.024	0	15,837

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
U.S. Nuclear Power Plant Capacity and Annual kWh Fees
Currently Operating Power Plants
1983 - 2009

Year	Nuclear Power Plant Capacity (MWe)	Nuclear Electricity Generated (million kWh) (a)	Estimated Annual kWh Fees (b)	Inflating/ Deflating Factor	Annual kWh Fees in 1995 Dollars	Cumulative Fees
2091	0	0	0	0.023	0	15,837
2092	0	0	0	0.022	0	15,837
2093	0	0	0	0.021	0	15,837
2094	0	0	0	0.021	0	15,837
2095	0	0	0	0.020	0	15,837
2096	0	0	0	0.019	0	15,837
2097	0	0	0	0.018	0	15,837
2098	0	0	0	0.018	0	15,837
2099	0	0	0	0.017	0	15,837
Totals			<u>\$19,261</u>		<u>\$15,837</u>	

Sources: Nuclear News, a publication of the American Nuclear Society, March 1995.
Energy Information Administration Monthly Energy Review, March 1995.

Notes: (a) 1983 - 1994: Based on net generation of electricity.
1995 - 2009: Estimated based upon raw capacity data and capacity factor assumption.
2010 - 2099: Estimated based upon raw capacity data and capacity factor assumption.
(b) Fees in millions of dollars.

Assumptions: Average Nuclear Power Plant Capacity Factor 1995 - 2009: 65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099: 55.00%
Nuclear Waste Fund kWh Fee (\$ per kWh) 1983 - 1995: \$0.001
Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099: \$0.001
Nuclear Power Plants Assumption: 1

Projected End-of-Program Nuclear Waste Fund Balance
(matching TSLCC variations with Fee Generation variations
at 4% inflation and 3% real interest rate)

One Repository System

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	283	462	227	7,618
2011	7,618	262	419	229	7,690
2012	7,690	249	427	231	7,743
2013	7,743	230	400	232	7,805
2014	7,805	194	397	234	7,836
2015	7,836	163	613	235	7,621
2016	7,621	153	543	229	7,461
2017	7,461	132	541	224	7,275
2018	7,275	121	543	218	7,072
2019	7,072	110	601	212	6,793
2020	6,793	106	552	204	6,551
2021	6,551	96	553	197	6,291
2022	6,291	86	545	189	6,021
2023	6,021	75	546	181	5,731
2024	5,731	64	537	172	5,430
2025	5,430	50	540	163	5,103
2026	5,103	37	547	153	4,746
2027	4,746	19	541	142	4,366
2028	4,366	11	533	131	3,975
2029	3,975	8	534	119	3,567
2030	3,567	5	543	107	3,136
2031	3,136	3	551	94	2,682
2032	2,682	3	536	80	2,229
2033	2,229	3	561	67	1,738
2034	1,738	2	546	52	1,246
2035	1,246	1	604	37	680
2036	680	0	538	20	162
2037	162	0	297	5	(129)
2038	(129)	0	290	0	(419)
2039	(419)	0	278	0	(697)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund

(in millions of 1995 dollars)

No Start-Up Delay

1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(697)	0	262	0	(958)
2041	(958)	0	256	0	(1,214)
2042	(1,214)	0	214	0	(1,427)
2043	(1,427)	0	40	0	(1,468)
2044	(1,468)	0	40	0	(1,508)
2045	(1,508)	0	40	0	(1,548)
2046	(1,548)	0	38	0	(1,586)
2047	(1,586)	0	38	0	(1,624)
2048	(1,624)	0	38	0	(1,662)
2049	(1,662)	0	38	0	(1,700)
2050	(1,700)	0	38	0	(1,738)
2051	(1,738)	0	38	0	(1,776)
2052	(1,776)	0	38	0	(1,814)
2053	(1,814)	0	38	0	(1,852)
2054	(1,852)	0	38	0	(1,889)
2055	(1,889)	0	38	0	(1,927)
2056	(1,927)	0	38	0	(1,964)
2057	(1,964)	0	37	0	(2,002)
2058	(2,002)	0	37	0	(2,039)
2059	(2,039)	0	37	0	(2,077)
2060	(2,077)	0	53	0	(2,130)
2061	(2,130)	0	53	0	(2,183)
2062	(2,183)	0	53	0	(2,236)
2063	(2,236)	0	53	0	(2,289)
2064	(2,289)	0	54	0	(2,342)
2065	(2,342)	0	54	0	(2,396)
2066	(2,396)	0	54	0	(2,450)
2067	(2,450)	0	54	0	(2,504)
2068	(2,504)	0	54	0	(2,557)
2069	(2,557)	0	54	0	(2,611)
2070	(2,611)	0	54	0	(2,665)
2071	(2,665)	0	36	0	(2,700)
2072	(2,700)	0	32	0	(2,732)
2073	(2,732)	0	32	0	(2,764)
2074	(2,764)	0	32	0	(2,795)
2075	(2,795)	0	32	0	(2,827)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$2,827)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	60.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	261	458	227	7,600
2011	7,600	242	415	228	7,655
2012	7,655	230	423	230	7,692
2013	7,692	212	396	231	7,739
2014	7,739	179	393	232	7,758
2015	7,758	151	607	233	7,535
2016	7,535	141	537	226	7,365
2017	7,365	122	536	221	7,171
2018	7,171	111	537	215	6,960
2019	6,960	102	595	209	6,676
2020	6,676	98	546	200	6,428
2021	6,428	88	548	193	6,161
2022	6,161	79	540	185	5,886
2023	5,886	69	541	177	5,591
2024	5,591	59	531	168	5,286
2025	5,286	46	535	159	4,956
2026	4,956	34	542	149	4,598
2027	4,598	17	536	138	4,217
2028	4,217	10	528	127	3,826
2029	3,826	8	529	115	3,420
2030	3,420	5	538	103	2,990
2031	2,990	3	546	90	2,538
2032	2,538	3	530	76	2,086
2033	2,086	3	555	63	1,597
2034	1,597	1	541	48	1,105
2035	1,105	1	598	33	541
2036	541	0	532	16	25
2037	25	0	294	1	(268)
2038	(268)	0	287	0	(555)
2039	(555)	0	275	0	(830)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(830)	0	259	0	(1,089)
2041	(1,089)	0	253	0	(1,342)
2042	(1,342)	0	211	0	(1,554)
2043	(1,554)	0	40	0	(1,594)
2044	(1,594)	0	40	0	(1,633)
2045	(1,633)	0	40	0	(1,673)
2046	(1,673)	0	38	0	(1,711)
2047	(1,711)	0	88	0	(1,749)
2048	(1,749)	0	38	0	(1,786)
2049	(1,786)	0	38	0	(1,824)
2050	(1,824)	0	38	0	(1,862)
2051	(1,862)	0	38	0	(1,899)
2052	(1,899)	0	37	0	(1,937)
2053	(1,937)	0	37	0	(1,974)
2054	(1,974)	0	37	0	(2,012)
2055	(2,012)	0	37	0	(2,049)
2056	(2,049)	0	37	0	(2,086)
2057	(2,086)	0	37	0	(2,123)
2058	(2,123)	0	37	0	(2,160)
2059	(2,160)	0	37	0	(2,197)
2060	(2,197)	0	53	0	(2,250)
2061	(2,250)	0	53	0	(2,302)
2062	(2,302)	0	52	0	(2,355)
2063	(2,355)	0	52	0	(2,407)
2064	(2,407)	0	53	0	(2,461)
2065	(2,461)	0	53	0	(2,514)
2066	(2,514)	0	53	0	(2,567)
2067	(2,567)	0	53	0	(2,621)
2068	(2,621)	0	53	0	(2,674)
2069	(2,674)	0	53	0	(2,727)
2070	(2,727)	0	53	0	(2,780)
2071	(2,780)	0	35	0	(2,815)
2072	(2,815)	0	31	0	(2,847)
2073	(2,847)	0	31	0	(2,878)
2074	(2,878)	0	31	0	(2,909)
2075	(2,909)	0	31	0	(2,941)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$2,941)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	60.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	55.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	240	453	227	7,584
2011	7,584	222	411	228	7,623
2012	7,623	211	419	229	7,644
2013	7,644	195	392	229	7,676
2014	7,676	164	389	230	7,681
2015	7,681	138	601	230	7,449
2016	7,449	130	532	223	7,269
2017	7,269	112	531	218	7,069
2018	7,069	102	532	212	6,851
2019	6,851	93	589	206	6,561
2020	6,561	90	541	197	6,307
2021	6,307	81	542	189	6,035
2022	6,035	73	534	181	5,754
2023	5,754	63	536	173	5,455
2024	5,455	54	526	164	5,147
2025	5,147	42	530	154	4,813
2026	4,813	31	536	144	4,452
2027	4,452	16	530	134	4,071
2028	4,071	9	522	122	3,680
2029	3,680	7	524	110	3,273
2030	3,273	4	532	98	2,843
2031	2,843	3	541	85	2,390
2032	2,390	3	525	72	1,940
2033	1,940	2	550	58	1,450
2034	1,450	1	535	44	960
2035	960	1	592	29	398
2036	398	0	527	12	(117)
2037	(117)	0	291	0	(408)
2038	(408)	0	284	0	(692)
2039	(692)	0	272	0	(964)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(964)	0	257	0	(1,221)
2041	(1,221)	0	251	0	(1,472)
2042	(1,472)	0	209	0	(1,681)
2043	(1,681)	0	39	0	(1,720)
2044	(1,720)	0	39	0	(1,760)
2045	(1,760)	0	39	0	(1,799)
2046	(1,799)	0	38	0	(1,837)
2047	(1,837)	0	38	0	(1,874)
2048	(1,874)	0	37	0	(1,912)
2049	(1,912)	0	37	0	(1,949)
2050	(1,949)	0	37	0	(1,986)
2051	(1,986)	0	37	0	(2,024)
2052	(2,024)	0	37	0	(2,061)
2053	(2,061)	0	37	0	(2,098)
2054	(2,098)	0	37	0	(2,135)
2055	(2,135)	0	37	0	(2,172)
2056	(2,172)	0	37	0	(2,209)
2057	(2,209)	0	37	0	(2,246)
2058	(2,246)	0	37	0	(2,282)
2059	(2,282)	0	37	0	(2,319)
2060	(2,319)	0	52	0	(2,371)
2061	(2,371)	0	52	0	(2,423)
2062	(2,423)	0	52	0	(2,475)
2063	(2,475)	0	52	0	(2,527)
2064	(2,527)	0	53	0	(2,580)
2065	(2,580)	0	53	0	(2,633)
2066	(2,633)	0	53	0	(2,686)
2067	(2,686)	0	53	0	(2,738)
2068	(2,738)	0	53	0	(2,791)
2069	(2,791)	0	53	0	(2,844)
2070	(2,844)	0	53	0	(2,896)
2071	(2,896)	0	35	0	(2,931)
2072	(2,931)	0	31	0	(2,962)
2073	(2,962)	0	31	0	(2,993)
2074	(2,993)	0	31	0	(3,024)
2075	(3,024)	0	31	0	(3,055)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$3,055)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	55.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	1
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	283	458	227	7,622
2011	7,622	262	458	229	7,654
2012	7,654	249	458	230	7,675
2013	7,675	230	462	230	7,672
2014	7,672	194	419	230	7,677
2015	7,677	163	427	230	7,643
2016	7,643	153	400	229	7,625
2017	7,625	132	397	229	7,590
2018	7,590	121	613	228	7,326
2019	7,326	110	543	220	7,113
2020	7,113	106	541	213	6,891
2021	6,891	96	543	207	6,651
2022	6,651	86	601	200	6,337
2023	6,337	75	552	190	6,050
2024	6,050	64	553	182	5,743
2025	5,743	50	545	172	5,420
2026	5,420	37	546	163	5,073
2027	5,073	19	537	152	4,708
2028	4,708	11	540	141	4,319
2029	4,319	8	547	130	3,910
2030	3,910	5	541	117	3,491
2031	3,491	3	533	105	3,066
2032	3,066	3	534	92	2,627
2033	2,627	3	543	79	2,166
2034	2,166	2	551	65	1,682
2035	1,682	1	536	50	1,197
2036	1,197	0	561	36	672
2037	672	0	546	20	146
2038	146	0	604	4	(454)
2039	(454)	0	538	0	(992)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(992)	0	297	0	(1,289)
2041	(1,289)	0	290	0	(1,578)
2042	(1,578)	0	278	0	(1,856)
2043	(1,856)	0	262	0	(2,118)
2044	(2,118)	0	256	0	(2,373)
2045	(2,373)	0	214	0	(2,587)
2046	(2,587)	0	40	0	(2,627)
2047	(2,627)	0	40	0	(2,667)
2048	(2,667)	0	40	0	(2,707)
2049	(2,707)	0	38	0	(2,745)
2050	(2,745)	0	38	0	(2,783)
2051	(2,783)	0	38	0	(2,822)
2052	(2,822)	0	38	0	(2,860)
2053	(2,860)	0	38	0	(2,898)
2054	(2,898)	0	38	0	(2,935)
2055	(2,935)	0	38	0	(2,973)
2056	(2,973)	0	38	0	(3,011)
2057	(3,011)	0	38	0	(3,049)
2058	(3,049)	0	38	0	(3,086)
2059	(3,086)	0	38	0	(3,124)
2060	(3,124)	0	37	0	(3,161)
2061	(3,161)	0	37	0	(3,199)
2062	(3,199)	0	37	0	(3,236)
2063	(3,236)	0	53	0	(3,289)
2064	(3,289)	0	53	0	(3,342)
2065	(3,342)	0	53	0	(3,395)
2066	(3,395)	0	53	0	(3,448)
2067	(3,448)	0	54	0	(3,502)
2068	(3,502)	0	54	0	(3,556)
2069	(3,556)	0	54	0	(3,609)
2070	(3,609)	0	54	0	(3,663)
2071	(3,663)	0	54	0	(3,717)
2072	(3,717)	0	54	0	(3,770)
2073	(3,770)	0	54	0	(3,824)
2074	(3,824)	0	36	0	(3,860)
2075	(3,860)	0	32	0	(3,891)
2076	(3,891)	0	32	0	(3,923)
2077	(3,923)	0	32	0	(3,955)
2078	(3,955)	0	32	0	(3,986)
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
				Final NWF Balance	(\$3,986)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	60.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	1
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	261	454	227	7,604
2011	7,604	242	454	228	7,620
2012	7,620	230	454	229	7,625
2013	7,625	212	458	229	7,608
2014	7,608	179	415	228	7,601
2015	7,601	151	423	228	7,556
2016	7,556	141	396	227	7,528
2017	7,528	122	393	226	7,484
2018	7,484	111	607	225	7,213
2019	7,213	102	537	216	6,994
2020	6,994	98	536	210	6,766
2021	6,766	88	537	203	6,519
2022	6,519	79	595	196	6,200
2023	6,200	69	546	186	5,908
2024	5,908	59	548	177	5,596
2025	5,596	46	540	168	5,271
2026	5,271	34	541	158	4,922
2027	4,922	17	531	148	4,555
2028	4,555	10	535	137	4,167
2029	4,167	8	542	125	3,759
2030	3,759	5	536	113	3,341
2031	3,341	3	528	100	2,916
2032	2,916	3	529	87	2,477
2033	2,477	3	538	74	2,017
2034	2,017	1	546	61	1,533
2035	1,533	1	530	46	1,049
2036	1,049	0	555	31	525
2037	525	0	541	16	0
2038	0	0	598	0	(598)
2039	(598)	0	532	0	(1,130)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(1,130)	0	294	0	(1,424)
2041	(1,424)	0	287	0	(1,711)
2042	(1,711)	0	275	0	(1,986)
2043	(1,986)	0	259	0	(2,245)
2044	(2,245)	0	253	0	(2,498)
2045	(2,498)	0	211	0	(2,710)
2046	(2,710)	0	40	0	(2,749)
2047	(2,749)	0	40	0	(2,789)
2048	(2,789)	0	40	0	(2,829)
2049	(2,829)	0	38	0	(2,867)
2050	(2,867)	0	38	0	(2,904)
2051	(2,904)	0	38	0	(2,942)
2052	(2,942)	0	38	0	(2,980)
2053	(2,980)	0	38	0	(3,018)
2054	(3,018)	0	38	0	(3,055)
2055	(3,055)	0	37	0	(3,093)
2056	(3,093)	0	37	0	(3,130)
2057	(3,130)	0	37	0	(3,167)
2058	(3,167)	0	37	0	(3,205)
2059	(3,205)	0	37	0	(3,242)
2060	(3,242)	0	37	0	(3,279)
2061	(3,279)	0	37	0	(3,316)
2062	(3,316)	0	37	0	(3,353)
2063	(3,353)	0	53	0	(3,406)
2064	(3,406)	0	53	0	(3,458)
2065	(3,458)	0	52	0	(3,511)
2066	(3,511)	0	52	0	(3,563)
2067	(3,563)	0	53	0	(3,617)
2068	(3,617)	0	53	0	(3,670)
2069	(3,670)	0	53	0	(3,723)
2070	(3,723)	0	53	0	(3,776)
2071	(3,776)	0	53	0	(3,830)
2072	(3,830)	0	53	0	(3,883)
2073	(3,883)	0	53	0	(3,936)
2074	(3,936)	0	35	0	(3,971)
2075	(3,971)	0	31	0	(4,002)
2076	(4,002)	0	31	0	(4,034)
2077	(4,034)	0	31	0	(4,065)
2078	(4,065)	0	31	0	(4,096)
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$4,096)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	60.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	55.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	1
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	240	449	227	7,588
2011	7,588	222	449	228	7,588
2012	7,588	211	449	228	7,578
2013	7,578	195	453	227	7,546
2014	7,546	164	411	226	7,526
2015	7,526	138	419	226	7,471
2016	7,471	130	392	224	7,433
2017	7,433	112	389	223	7,379
2018	7,379	102	601	221	7,101
2019	7,101	93	532	213	6,875
2020	6,875	90	531	206	6,640
2021	6,640	81	532	199	6,388
2022	6,388	73	589	192	6,064
2023	6,064	63	541	182	5,769
2024	5,769	54	542	173	5,453
2025	5,453	42	534	164	5,125
2026	5,125	31	536	154	4,774
2027	4,774	16	526	143	4,407
2028	4,407	9	530	132	4,019
2029	4,019	7	536	121	3,610
2030	3,610	4	530	108	3,192
2031	3,192	3	522	96	2,769
2032	2,769	3	524	83	2,331
2033	2,331	2	532	70	1,870
2034	1,870	1	541	56	1,387
2035	1,387	1	525	42	905
2036	905	0	550	27	382
2037	382	0	535	11	(142)
2038	(142)	0	592	0	(735)
2039	(735)	0	527	0	(1,262)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(1,262)	0	291	0	(1,553)
2041	(1,553)	0	284	0	(1,837)
2042	(1,837)	0	272	0	(2,109)
2043	(2,109)	0	257	0	(2,365)
2044	(2,365)	0	251	0	(2,616)
2045	(2,616)	0	209	0	(2,825)
2046	(2,825)	0	39	0	(2,865)
2047	(2,865)	0	39	0	(2,904)
2048	(2,904)	0	39	0	(2,943)
2049	(2,943)	0	38	0	(2,981)
2050	(2,981)	0	38	0	(3,019)
2051	(3,019)	0	37	0	(3,056)
2052	(3,056)	0	37	0	(3,093)
2053	(3,093)	0	37	0	(3,131)
2054	(3,131)	0	37	0	(3,168)
2055	(3,168)	0	37	0	(3,205)
2056	(3,205)	0	37	0	(3,242)
2057	(3,242)	0	37	0	(3,279)
2058	(3,279)	0	37	0	(3,316)
2059	(3,316)	0	37	0	(3,353)
2060	(3,353)	0	37	0	(3,390)
2061	(3,390)	0	37	0	(3,427)
2062	(3,427)	0	37	0	(3,463)
2063	(3,463)	0	52	0	(3,515)
2064	(3,515)	0	52	0	(3,567)
2065	(3,567)	0	52	0	(3,619)
2066	(3,619)	0	52	0	(3,671)
2067	(3,671)	0	53	0	(3,724)
2068	(3,724)	0	53	0	(3,777)
2069	(3,777)	0	53	0	(3,830)
2070	(3,830)	0	53	0	(3,883)
2071	(3,883)	0	53	0	(3,935)
2072	(3,935)	0	53	0	(3,988)
2073	(3,988)	0	53	0	(4,040)
2074	(4,040)	0	35	0	(4,076)
2075	(4,076)	0	31	0	(4,107)
2076	(4,107)	0	31	0	(4,138)
2077	(4,138)	0	31	0	(4,169)
2078	(4,169)	0	31	0	(4,200)
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$4,200)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	55.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	2
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	283	458	227	7,622
2011	7,622	262	458	229	7,654
2012	7,654	249	458	230	7,675
2013	7,675	230	458	230	7,676
2014	7,676	194	458	230	7,642
2015	7,642	163	462	229	7,571
2016	7,571	153	419	227	7,533
2017	7,533	132	427	226	7,463
2018	7,463	121	400	224	7,408
2019	7,408	110	397	222	7,344
2020	7,344	106	613	220	7,057
2021	7,057	96	543	212	6,822
2022	6,822	86	541	205	6,572
2023	6,572	75	543	197	6,301
2024	6,301	64	601	189	5,954
2025	5,954	50	552	179	5,631
2026	5,631	37	553	169	5,284
2027	5,284	19	545	159	4,917
2028	4,917	11	546	147	4,528
2029	4,528	8	537	136	4,136
2030	4,136	5	540	124	3,724
2031	3,724	3	547	112	3,292
2032	3,292	3	541	99	2,853
2033	2,853	3	533	86	2,409
2034	2,409	2	534	72	1,949
2035	1,949	1	543	58	1,465
2036	1,465	0	551	44	958
2037	958	0	536	29	451
2038	451	0	561	14	(96)
2039	(96)	0	546	0	(642)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(642)	0	604	0	(1,246)
2041	(1,246)	0	538	0	(1,784)
2042	(1,784)	0	297	0	(2,081)
2043	(2,081)	0	290	0	(2,370)
2044	(2,370)	0	278	0	(2,648)
2045	(2,648)	0	262	0	(2,909)
2046	(2,909)	0	256	0	(3,165)
2047	(3,165)	0	214	0	(3,379)
2048	(3,379)	0	40	0	(3,419)
2049	(3,419)	0	40	0	(3,459)
2050	(3,459)	0	40	0	(3,499)
2051	(3,499)	0	38	0	(3,537)
2052	(3,537)	0	38	0	(3,575)
2053	(3,575)	0	38	0	(3,613)
2054	(3,613)	0	38	0	(3,651)
2055	(3,651)	0	38	0	(3,689)
2056	(3,689)	0	38	0	(3,727)
2057	(3,727)	0	38	0	(3,765)
2058	(3,765)	0	38	0	(3,803)
2059	(3,803)	0	38	0	(3,841)
2060	(3,841)	0	38	0	(3,878)
2061	(3,878)	0	38	0	(3,916)
2062	(3,916)	0	37	0	(3,953)
2063	(3,953)	0	37	0	(3,991)
2064	(3,991)	0	37	0	(4,028)
2065	(4,028)	0	53	0	(4,081)
2066	(4,081)	0	53	0	(4,134)
2067	(4,134)	0	53	0	(4,187)
2068	(4,187)	0	53	0	(4,240)
2069	(4,240)	0	54	0	(4,294)
2070	(4,294)	0	54	0	(4,348)
2071	(4,348)	0	54	0	(4,401)
2072	(4,401)	0	54	0	(4,455)
2073	(4,455)	0	54	0	(4,509)
2074	(4,509)	0	54	0	(4,562)
2075	(4,562)	0	54	0	(4,616)
2076	(4,616)	0	36	0	(4,652)
2077	(4,652)	0	32	0	(4,683)
2078	(4,683)	0	32	0	(4,715)
2079	(4,715)	0	32	0	(4,746)
2080	(4,746)	0	32	0	(4,778)
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$4,778)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	2

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	60.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	2
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	261	454	227	7,604
2011	7,604	242	454	228	7,620
2012	7,620	230	454	229	7,625
2013	7,625	212	454	229	7,612
2014	7,612	179	454	228	7,565
2015	7,565	151	458	227	7,485
2016	7,485	141	415	225	7,437
2017	7,437	122	423	223	7,359
2018	7,359	111	396	221	7,295
2019	7,295	102	393	219	7,223
2020	7,223	98	607	217	6,931
2021	6,931	88	537	208	6,690
2022	6,690	79	536	201	6,434
2023	6,434	69	537	193	6,158
2024	6,158	59	595	185	5,808
2025	5,808	46	546	174	5,482
2026	5,482	34	548	164	5,132
2027	5,132	17	540	154	4,763
2028	4,763	10	541	143	4,375
2029	4,375	8	531	131	3,983
2030	3,983	5	535	119	3,572
2031	3,572	3	542	107	3,140
2032	3,140	3	536	94	2,701
2033	2,701	3	528	81	2,258
2034	2,258	1	529	68	1,797
2035	1,797	1	538	54	1,315
2036	1,315	0	546	39	808
2037	808	0	530	24	301
2038	301	0	555	9	(245)
2039	(245)	0	541	0	(786)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(786)	0	598	0	(1,384)
2041	(1,384)	0	532	0	(1,916)
2042	(1,916)	0	294	0	(2,210)
2043	(2,210)	0	287	0	(2,497)
2044	(2,497)	0	275	0	(2,772)
2045	(2,772)	0	259	0	(3,031)
2046	(3,031)	0	253	0	(3,284)
2047	(3,284)	0	211	0	(3,495)
2048	(3,495)	0	40	0	(3,535)
2049	(3,535)	0	40	0	(3,575)
2050	(3,575)	0	40	0	(3,615)
2051	(3,615)	0	38	0	(3,652)
2052	(3,652)	0	38	0	(3,690)
2053	(3,690)	0	38	0	(3,728)
2054	(3,728)	0	38	0	(3,766)
2055	(3,766)	0	38	0	(3,804)
2056	(3,804)	0	38	0	(3,841)
2057	(3,841)	0	37	0	(3,879)
2058	(3,879)	0	37	0	(3,916)
2059	(3,916)	0	37	0	(3,953)
2060	(3,953)	0	37	0	(3,991)
2061	(3,991)	0	37	0	(4,028)
2062	(4,028)	0	37	0	(4,065)
2063	(4,065)	0	37	0	(4,102)
2064	(4,102)	0	37	0	(4,139)
2065	(4,139)	0	53	0	(4,192)
2066	(4,192)	0	53	0	(4,244)
2067	(4,244)	0	52	0	(4,297)
2068	(4,297)	0	52	0	(4,349)
2069	(4,349)	0	53	0	(4,402)
2070	(4,402)	0	53	0	(4,456)
2071	(4,456)	0	53	0	(4,509)
2072	(4,509)	0	53	0	(4,562)
2073	(4,562)	0	53	0	(4,615)
2074	(4,615)	0	53	0	(4,669)
2075	(4,669)	0	53	0	(4,722)
2076	(4,722)	0	35	0	(4,757)
2077	(4,757)	0	31	0	(4,788)
2078	(4,788)	0	31	0	(4,820)
2079	(4,820)	0	31	0	(4,851)
2080	(4,851)	0	31	0	(4,882)
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$4,882)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	60.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	2

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	55.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	2
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
 Nuclear Waste Fund
 (in millions of 1995 dollars)
 5 year Start-Up Delay
 1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	240	449	227	7,588
2011	7,588	222	449	228	7,588
2012	7,588	211	449	228	7,578
2013	7,578	195	449	227	7,550
2014	7,550	164	449	227	7,492
2015	7,492	138	453	225	7,401
2016	7,401	130	411	222	7,343
2017	7,343	112	419	220	7,256
2018	7,256	102	392	218	7,184
2019	7,184	93	389	216	7,104
2020	7,104	90	601	213	6,806
2021	6,806	81	532	204	6,559
2022	6,559	73	531	197	6,298
2023	6,298	63	532	189	6,018
2024	6,018	54	589	181	5,665
2025	5,665	42	541	170	5,336
2026	5,336	31	542	160	4,984
2027	4,984	16	534	150	4,616
2028	4,616	9	536	138	4,227
2029	4,227	7	526	127	3,835
2030	3,835	4	530	115	3,425
2031	3,425	3	536	103	2,994
2032	2,994	3	530	90	2,557
2033	2,557	2	522	77	2,114
2034	2,114	1	524	63	1,654
2035	1,654	1	532	50	1,173
2036	1,173	0	541	35	667
2037	667	0	525	20	162
2038	162	0	550	5	(383)
2039	(383)	0	535	0	(918)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(918)	0	592	0	(1,510)
2041	(1,510)	0	527	0	(2,037)
2042	(2,037)	0	291	0	(2,329)
2043	(2,329)	0	284	0	(2,612)
2044	(2,612)	0	272	0	(2,885)
2045	(2,885)	0	257	0	(3,141)
2046	(3,141)	0	251	0	(3,392)
2047	(3,392)	0	209	0	(3,601)
2048	(3,601)	0	39	0	(3,641)
2049	(3,641)	0	39	0	(3,680)
2050	(3,680)	0	39	0	(3,719)
2051	(3,719)	0	38	0	(3,757)
2052	(3,757)	0	38	0	(3,794)
2053	(3,794)	0	37	0	(3,832)
2054	(3,832)	0	37	0	(3,869)
2055	(3,869)	0	37	0	(3,907)
2056	(3,907)	0	37	0	(3,944)
2057	(3,944)	0	37	0	(3,981)
2058	(3,981)	0	37	0	(4,018)
2059	(4,018)	0	37	0	(4,055)
2060	(4,055)	0	37	0	(4,092)
2061	(4,092)	0	37	0	(4,129)
2062	(4,129)	0	37	0	(4,166)
2063	(4,166)	0	37	0	(4,202)
2064	(4,202)	0	37	0	(4,239)
2065	(4,239)	0	52	0	(4,291)
2066	(4,291)	0	52	0	(4,343)
2067	(4,343)	0	52	0	(4,395)
2068	(4,395)	0	52	0	(4,447)
2069	(4,447)	0	53	0	(4,500)
2070	(4,500)	0	53	0	(4,553)
2071	(4,553)	0	53	0	(4,606)
2072	(4,606)	0	53	0	(4,658)
2073	(4,658)	0	53	0	(4,711)
2074	(4,711)	0	53	0	(4,764)
2075	(4,764)	0	53	0	(4,816)
2076	(4,816)	0	35	0	(4,852)
2077	(4,852)	0	31	0	(4,882)
2078	(4,882)	0	31	0	(4,913)
2079	(4,913)	0	31	0	(4,944)
2080	(4,944)	0	31	0	(4,975)
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$4,975)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	55.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	2

Projected End-of-Program Nuclear Waste Fund Balance
(matching TSLCC variations with Fee Generation variations
at 4% inflation and 3% real interest rate)

Two Repository System

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	283	466	217	7,260
2011	7,260	262	399	218	7,341
2012	7,341	249	407	220	7,403
2013	7,403	230	429	222	7,426
2014	7,426	194	463	223	7,380
2015	7,380	163	711	221	7,053
2016	7,053	153	645	212	6,772
2017	6,772	132	648	203	6,459
2018	6,459	121	662	194	6,113
2019	6,113	110	680	183	5,726
2020	5,726	106	706	172	5,298
2021	5,298	96	725	159	4,828
2022	4,828	86	723	145	4,336
2023	4,336	75	743	130	3,797
2024	3,797	64	794	114	3,181
2025	3,181	50	848	95	2,479
2026	2,479	37	889	74	1,701
2027	1,701	19	856	51	915
2028	915	11	879	27	74
2029	74	8	761	2	(677)
2030	(677)	5	476	0	(1,148)
2031	(1,148)	3	446	0	(1,591)
2032	(1,591)	3	433	0	(2,022)
2033	(2,022)	3	554	0	(2,573)
2034	(2,573)	2	586	0	(3,157)
2035	(3,157)	1	469	0	(3,626)
2036	(3,626)	0	549	0	(4,174)
2037	(4,174)	0	580	0	(4,754)
2038	(4,754)	0	444	0	(5,198)
2039	(5,198)	0	375	0	(5,572)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,572)	0	343	0	(5,915)
2041	(5,915)	0	493	0	(6,408)
2042	(6,408)	0	434	0	(6,842)
2043	(6,842)	0	443	0	(7,285)
2044	(7,285)	0	422	0	(7,708)
2045	(7,708)	0	434	0	(8,142)
2046	(8,142)	0	413	0	(8,555)
2047	(8,555)	0	376	0	(8,930)
2048	(8,930)	0	220	0	(9,151)
2049	(9,151)	0	88	0	(9,238)
2050	(9,238)	0	83	0	(9,322)
2051	(9,322)	0	83	0	(9,405)
2052	(9,405)	0	73	0	(9,478)
2053	(9,478)	0	73	0	(9,551)
2054	(9,551)	0	73	0	(9,624)
2055	(9,624)	0	73	0	(9,697)
2056	(9,697)	0	72	0	(9,769)
2057	(9,769)	0	72	0	(9,842)
2058	(9,842)	0	72	0	(9,914)
2059	(9,914)	0	72	0	(9,986)
2060	(9,986)	0	86	0	(10,072)
2061	(10,072)	0	87	0	(10,159)
2062	(10,159)	0	87	0	(10,246)
2063	(10,246)	0	87	0	(10,333)
2064	(10,333)	0	87	0	(10,420)
2065	(10,420)	0	87	0	(10,507)
2066	(10,507)	0	86	0	(10,593)
2067	(10,593)	0	86	0	(10,680)
2068	(10,680)	0	86	0	(10,766)
2069	(10,766)	0	69	0	(10,835)
2070	(10,835)	0	69	0	(10,904)
2071	(10,904)	0	69	0	(10,973)
2072	(10,973)	0	65	0	(11,038)
2073	(11,038)	0	65	0	(11,103)
2074	(11,103)	0	45	0	(11,148)
2075	(11,148)	0	45	0	(11,192)
2076	(11,192)	0	45	0	(11,237)
2077	(11,237)	0	45	0	(11,282)
2078	(11,282)	0	45	0	(11,327)
2079	(11,327)	0	45	0	(11,371)
2080	(11,371)	0	45	0	(11,416)
2081	(11,416)	0	45	0	(11,461)
2082	(11,461)	0	44	0	(11,505)
2083	(11,505)	0	44	0	(11,549)
2084	(11,549)	0	44	0	(11,594)
2085	(11,594)	0	44	0	(11,638)
2086	(11,638)	0	44	0	(11,682)
2087	(11,682)	0	44	0	(11,726)
2088	(11,726)	0	44	0	(11,770)
2089	(11,770)	0	64	0	(11,834)
2090	(11,834)	0	93	0	(11,927)
2091	(11,927)	0	93	0	(12,021)
2092	(12,021)	0	78	0	(12,099)
2093	(12,099)	0	78	0	(12,177)
2094	(12,177)	0	48	0	(12,225)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$12,225)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	60.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	261	462	217	7,242
2011	7,242	242	395	217	7,306
2012	7,306	230	403	219	7,352
2013	7,352	212	425	221	7,360
2014	7,360	179	458	221	7,302
2015	7,302	151	704	219	6,968
2016	6,968	141	639	209	6,679
2017	6,679	122	642	200	6,359
2018	6,359	111	655	191	6,006
2019	6,006	102	673	180	5,615
2020	5,615	98	699	168	5,182
2021	5,182	88	718	155	4,707
2022	4,707	79	716	141	4,211
2023	4,211	69	736	126	3,670
2024	3,670	59	786	110	3,053
2025	3,053	46	839	92	2,352
2026	2,352	34	880	71	1,577
2027	1,577	17	848	47	793
2028	793	10	870	24	(43)
2029	(43)	8	754	0	(789)
2030	(789)	5	472	0	(1,255)
2031	(1,255)	3	442	0	(1,694)
2032	(1,694)	3	429	0	(2,120)
2033	(2,120)	3	549	0	(2,666)
2034	(2,666)	1	581	0	(3,246)
2035	(3,246)	1	465	0	(3,710)
2036	(3,710)	0	543	0	(4,253)
2037	(4,253)	0	574	0	(4,827)
2038	(4,827)	0	440	0	(5,267)
2039	(5,267)	0	371	0	(5,638)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,638)	0	340	0	(5,977)
2041	(5,977)	0	488	0	(6,465)
2042	(6,465)	0	430	0	(6,895)
2043	(6,895)	0	439	0	(7,334)
2044	(7,334)	0	418	0	(7,753)
2045	(7,753)	0	430	0	(8,182)
2046	(8,182)	0	409	0	(8,591)
2047	(8,591)	0	372	0	(8,963)
2048	(8,963)	0	218	0	(9,182)
2049	(9,182)	0	87	0	(9,268)
2050	(9,268)	0	83	0	(9,351)
2051	(9,351)	0	82	0	(9,434)
2052	(9,434)	0	73	0	(9,506)
2053	(9,506)	0	73	0	(9,579)
2054	(9,579)	0	72	0	(9,651)
2055	(9,651)	0	72	0	(9,723)
2056	(9,723)	0	72	0	(9,795)
2057	(9,795)	0	72	0	(9,867)
2058	(9,867)	0	71	0	(9,938)
2059	(9,938)	0	71	0	(10,010)
2060	(10,010)	0	86	0	(10,095)
2061	(10,095)	0	87	0	(10,182)
2062	(10,182)	0	86	0	(10,268)
2063	(10,268)	0	86	0	(10,354)
2064	(10,354)	0	86	0	(10,440)
2065	(10,440)	0	86	0	(10,526)
2066	(10,526)	0	86	0	(10,612)
2067	(10,612)	0	86	0	(10,697)
2068	(10,697)	0	85	0	(10,783)
2069	(10,783)	0	69	0	(10,852)
2070	(10,852)	0	69	0	(10,920)
2071	(10,920)	0	68	0	(10,989)
2072	(10,989)	0	64	0	(11,053)
2073	(11,053)	0	64	0	(11,117)
2074	(11,117)	0	45	0	(11,161)
2075	(11,161)	0	45	0	(11,206)
2076	(11,206)	0	44	0	(11,250)
2077	(11,250)	0	44	0	(11,295)
2078	(11,295)	0	44	0	(11,339)
2079	(11,339)	0	44	0	(11,383)
2080	(11,383)	0	44	0	(11,427)
2081	(11,427)	0	44	0	(11,472)
2082	(11,472)	0	44	0	(11,516)
2083	(11,516)	0	44	0	(11,560)
2084	(11,560)	0	44	0	(11,604)
2085	(11,604)	0	44	0	(11,647)
2086	(11,647)	0	44	0	(11,691)
2087	(11,691)	0	44	0	(11,735)
2088	(11,735)	0	44	0	(11,779)
2089	(11,779)	0	63	0	(11,842)
2090	(11,842)	0	92	0	(11,934)
2091	(11,934)	0	92	0	(12,027)
2092	(12,027)	0	78	0	(12,104)
2093	(12,104)	0	78	0	(12,182)
2094	(12,182)	0	47	0	(12,229)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$12,229)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	60.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	55.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	240	457	217	7,226
2011	7,226	222	391	217	7,273
2012	7,273	211	399	218	7,304
2013	7,304	195	421	219	7,297
2014	7,297	164	454	219	7,226
2015	7,226	138	697	217	6,884
2016	6,884	130	633	207	6,588
2017	6,588	112	635	198	6,263
2018	6,263	102	648	188	5,905
2019	5,905	93	667	177	5,508
2020	5,508	90	692	165	5,071
2021	5,071	81	711	152	4,593
2022	4,593	73	709	138	4,095
2023	4,095	63	729	123	3,553
2024	3,553	54	779	107	2,935
2025	2,935	42	831	88	2,234
2026	2,234	31	871	67	1,461
2027	1,461	16	839	44	682
2028	682	9	861	20	(150)
2029	(150)	7	746	0	(889)
2030	(889)	4	467	0	(1,352)
2031	(1,352)	3	438	0	(1,787)
2032	(1,787)	3	425	0	(2,209)
2033	(2,209)	2	543	0	(2,751)
2034	(2,751)	1	575	0	(3,325)
2035	(3,325)	1	460	0	(3,784)
2036	(3,784)	0	538	0	(4,322)
2037	(4,322)	0	568	0	(4,890)
2038	(4,890)	0	435	0	(5,325)
2039	(5,325)	0	368	0	(5,693)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,693)	0	336	0	(6,029)
2041	(6,029)	0	483	0	(6,513)
2042	(6,513)	0	426	0	(6,938)
2043	(6,938)	0	435	0	(7,373)
2044	(7,373)	0	414	0	(7,787)
2045	(7,787)	0	426	0	(8,213)
2046	(8,213)	0	405	0	(8,618)
2047	(8,618)	0	368	0	(8,986)
2048	(8,986)	0	216	0	(9,202)
2049	(9,202)	0	86	0	(9,289)
2050	(9,289)	0	82	0	(9,371)
2051	(9,371)	0	82	0	(9,452)
2052	(9,452)	0	72	0	(9,524)
2053	(9,524)	0	72	0	(9,596)
2054	(9,596)	0	72	0	(9,668)
2055	(9,668)	0	71	0	(9,740)
2056	(9,740)	0	71	0	(9,811)
2057	(9,811)	0	71	0	(9,882)
2058	(9,882)	0	71	0	(9,953)
2059	(9,953)	0	71	0	(10,023)
2060	(10,023)	0	85	0	(10,108)
2061	(10,108)	0	86	0	(10,194)
2062	(10,194)	0	86	0	(10,280)
2063	(10,280)	0	85	0	(10,365)
2064	(10,365)	0	85	0	(10,451)
2065	(10,451)	0	85	0	(10,536)
2066	(10,536)	0	85	0	(10,621)
2067	(10,621)	0	85	0	(10,705)
2068	(10,705)	0	85	0	(10,790)
2069	(10,790)	0	68	0	(10,858)
2070	(10,858)	0	68	0	(10,926)
2071	(10,926)	0	68	0	(10,994)
2072	(10,994)	0	64	0	(11,057)
2073	(11,057)	0	63	0	(11,121)
2074	(11,121)	0	44	0	(11,165)
2075	(11,165)	0	44	0	(11,209)
2076	(11,209)	0	44	0	(11,253)
2077	(11,253)	0	44	0	(11,297)
2078	(11,297)	0	44	0	(11,341)
2079	(11,341)	0	44	0	(11,385)
2080	(11,385)	0	44	0	(11,429)
2081	(11,429)	0	44	0	(11,473)
2082	(11,473)	0	44	0	(11,516)
2083	(11,516)	0	44	0	(11,560)
2084	(11,560)	0	44	0	(11,603)
2085	(11,603)	0	43	0	(11,647)
2086	(11,647)	0	43	0	(11,690)
2087	(11,690)	0	43	0	(11,734)
2088	(11,734)	0	43	0	(11,777)
2089	(11,777)	0	63	0	(11,839)
2090	(11,839)	0	92	0	(11,931)
2091	(11,931)	0	91	0	(12,022)
2092	(12,022)	0	77	0	(12,099)
2093	(12,099)	0	77	0	(12,176)
2094	(12,176)	0	47	0	(12,223)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$12,223)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	55.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	1
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	283	487	217	7,239
2011	7,239	262	487	217	7,232
2012	7,232	249	487	217	7,211
2013	7,211	230	466	216	7,191
2014	7,191	194	399	216	7,202
2015	7,202	163	407	216	7,174
2016	7,174	153	429	215	7,113
2017	7,113	132	463	213	6,995
2018	6,995	121	711	210	6,615
2019	6,615	110	645	198	6,277
2020	6,277	106	648	188	5,923
2021	5,923	96	662	178	5,536
2022	5,536	86	680	166	5,108
2023	5,108	75	706	153	4,630
2024	4,630	64	725	139	4,108
2025	4,108	50	723	123	3,558
2026	3,558	37	743	107	2,958
2027	2,958	19	794	89	2,272
2028	2,272	11	848	68	1,504
2029	1,504	8	889	45	668
2030	668	5	856	20	(163)
2031	(163)	3	879	0	(1,039)
2032	(1,039)	3	761	0	(1,797)
2033	(1,797)	3	476	0	(2,270)
2034	(2,270)	2	446	0	(2,714)
2035	(2,714)	1	433	0	(3,147)
2036	(3,147)	0	554	0	(3,701)
2037	(3,701)	0	586	0	(4,287)
2038	(4,287)	0	469	0	(4,757)
2039	(4,757)	0	549	0	(5,305)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,305)	0	580	0	(5,885)
2041	(5,885)	0	444	0	(6,329)
2042	(6,329)	0	375	0	(6,703)
2043	(6,703)	0	343	0	(7,046)
2044	(7,046)	0	493	0	(7,539)
2045	(7,539)	0	434	0	(7,973)
2046	(7,973)	0	443	0	(8,416)
2047	(8,416)	0	422	0	(8,839)
2048	(8,839)	0	434	0	(9,273)
2049	(9,273)	0	413	0	(9,686)
2050	(9,686)	0	376	0	(10,061)
2051	(10,061)	0	220	0	(10,282)
2052	(10,282)	0	88	0	(10,369)
2053	(10,369)	0	83	0	(10,453)
2054	(10,453)	0	83	0	(10,536)
2055	(10,536)	0	73	0	(10,609)
2056	(10,609)	0	73	0	(10,682)
2057	(10,682)	0	73	0	(10,755)
2058	(10,755)	0	73	0	(10,828)
2059	(10,828)	0	72	0	(10,900)
2060	(10,900)	0	72	0	(10,973)
2061	(10,973)	0	72	0	(11,045)
2062	(11,045)	0	72	0	(11,117)
2063	(11,117)	0	86	0	(11,203)
2064	(11,203)	0	87	0	(11,290)
2065	(11,290)	0	87	0	(11,377)
2066	(11,377)	0	87	0	(11,464)
2067	(11,464)	0	87	0	(11,551)
2068	(11,551)	0	87	0	(11,638)
2069	(11,638)	0	86	0	(11,724)
2070	(11,724)	0	86	0	(11,811)
2071	(11,811)	0	86	0	(11,897)
2072	(11,897)	0	69	0	(11,966)
2073	(11,966)	0	69	0	(12,035)
2074	(12,035)	0	69	0	(12,104)
2075	(12,104)	0	65	0	(12,169)
2076	(12,169)	0	65	0	(12,234)
2077	(12,234)	0	45	0	(12,279)
2078	(12,279)	0	45	0	(12,323)
2079	(12,323)	0	45	0	(12,368)
2080	(12,368)	0	45	0	(12,413)
2081	(12,413)	0	45	0	(12,458)
2082	(12,458)	0	45	0	(12,502)
2083	(12,502)	0	45	0	(12,547)
2084	(12,547)	0	45	0	(12,592)
2085	(12,592)	0	44	0	(12,636)
2086	(12,636)	0	44	0	(12,680)
2087	(12,680)	0	44	0	(12,725)
2088	(12,725)	0	44	0	(12,769)
2089	(12,769)	0	44	0	(12,813)
2090	(12,813)	0	44	0	(12,857)
2091	(12,857)	0	44	0	(12,901)
2092	(12,901)	0	64	0	(12,965)
2093	(12,965)	0	93	0	(13,058)
2094	(13,058)	0	93	0	(13,152)
2095	(13,152)	0	78	0	(13,230)
2096	(13,230)	0	78	0	(13,308)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	(13,308)	0	48	0	(13,356)
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(13,356)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	60.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	1
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	261	482	217	7,222
2011	7,222	242	482	217	7,199
2012	7,199	230	482	216	7,163
2013	7,163	212	462	215	7,129
2014	7,129	179	395	214	7,126
2015	7,126	151	403	214	7,089
2016	7,089	141	425	213	7,018
2017	7,018	122	458	211	6,892
2018	6,892	111	704	207	6,506
2019	6,506	102	639	195	6,164
2020	6,164	98	642	185	5,806
2021	5,806	88	655	174	5,413
2022	5,413	79	673	162	4,980
2023	4,980	69	699	149	4,499
2024	4,499	59	718	135	3,976
2025	3,976	46	716	119	3,425
2026	3,425	34	736	103	2,826
2027	2,826	17	786	85	2,141
2028	2,141	10	839	64	1,376
2029	1,376	8	880	41	545
2030	545	5	848	16	(282)
2031	(282)	3	870	0	(1,149)
2032	(1,149)	3	754	0	(1,899)
2033	(1,899)	3	472	0	(2,368)
2034	(2,368)	1	442	0	(2,809)
2035	(2,809)	1	429	0	(3,237)
2036	(3,237)	0	549	0	(3,786)
2037	(3,786)	0	581	0	(4,367)
2038	(4,367)	0	465	0	(4,831)
2039	(4,831)	0	543	0	(5,375)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,375)	0	574	0	(5,949)
2041	(5,949)	0	440	0	(6,388)
2042	(6,388)	0	371	0	(6,759)
2043	(6,759)	0	340	0	(7,099)
2044	(7,099)	0	488	0	(7,587)
2045	(7,587)	0	430	0	(8,017)
2046	(8,017)	0	439	0	(8,456)
2047	(8,456)	0	418	0	(8,874)
2048	(8,874)	0	430	0	(9,304)
2049	(9,304)	0	409	0	(9,713)
2050	(9,713)	0	372	0	(10,085)
2051	(10,085)	0	218	0	(10,303)
2052	(10,303)	0	87	0	(10,390)
2053	(10,390)	0	83	0	(10,473)
2054	(10,473)	0	82	0	(10,555)
2055	(10,555)	0	73	0	(10,628)
2056	(10,628)	0	73	0	(10,700)
2057	(10,700)	0	72	0	(10,773)
2058	(10,773)	0	72	0	(10,845)
2059	(10,845)	0	72	0	(10,917)
2060	(10,917)	0	72	0	(10,988)
2061	(10,988)	0	71	0	(11,060)
2062	(11,060)	0	71	0	(11,131)
2063	(11,131)	0	86	0	(11,217)
2064	(11,217)	0	87	0	(11,303)
2065	(11,303)	0	86	0	(11,390)
2066	(11,390)	0	86	0	(11,476)
2067	(11,476)	0	86	0	(11,562)
2068	(11,562)	0	86	0	(11,648)
2069	(11,648)	0	86	0	(11,734)
2070	(11,734)	0	86	0	(11,819)
2071	(11,819)	0	85	0	(11,905)
2072	(11,905)	0	69	0	(11,973)
2073	(11,973)	0	69	0	(12,042)
2074	(12,042)	0	68	0	(12,110)
2075	(12,110)	0	64	0	(12,174)
2076	(12,174)	0	64	0	(12,238)
2077	(12,238)	0	45	0	(12,283)
2078	(12,283)	0	45	0	(12,327)
2079	(12,327)	0	44	0	(12,372)
2080	(12,372)	0	44	0	(12,416)
2081	(12,416)	0	44	0	(12,461)
2082	(12,461)	0	44	0	(12,505)
2083	(12,505)	0	44	0	(12,549)
2084	(12,549)	0	44	0	(12,593)
2085	(12,593)	0	44	0	(12,637)
2086	(12,637)	0	44	0	(12,681)
2087	(12,681)	0	44	0	(12,725)
2088	(12,725)	0	44	0	(12,769)
2089	(12,769)	0	44	0	(12,813)
2090	(12,813)	0	44	0	(12,857)
2091	(12,857)	0	44	0	(12,900)
2092	(12,900)	0	63	0	(12,963)
2093	(12,963)	0	92	0	(13,056)
2094	(13,056)	0	92	0	(13,148)
2095	(13,148)	0	78	0	(13,226)
2096	(13,226)	0	78	0	(13,303)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	(13,303)	0	47	0	(13,351)
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(13,351)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	60.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	55.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	1
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	240	477	217	7,206
2011	7,206	222	477	216	7,167
2012	7,167	211	477	215	7,116
2013	7,116	195	457	213	7,066
2014	7,066	164	391	212	7,051
2015	7,051	138	399	212	7,002
2016	7,002	130	421	210	6,921
2017	6,921	112	454	208	6,788
2018	6,788	102	697	204	6,397
2019	6,397	93	633	192	6,049
2020	6,049	90	635	181	5,685
2021	5,685	81	648	171	5,288
2022	5,288	73	667	159	4,854
2023	4,854	63	692	146	4,371
2024	4,371	54	711	131	3,845
2025	3,845	42	709	115	3,293
2026	3,293	31	729	99	2,695
2027	2,695	16	779	81	2,013
2028	2,013	9	831	60	1,251
2029	1,251	7	871	38	425
2030	425	4	839	13	(397)
2031	(397)	3	861	0	(1,256)
2032	(1,256)	3	746	0	(1,999)
2033	(1,999)	2	467	0	(2,464)
2034	(2,464)	1	438	0	(2,900)
2035	(2,900)	1	425	0	(3,324)
2036	(3,324)	0	543	0	(3,868)
2037	(3,868)	0	575	0	(4,443)
2038	(4,443)	0	460	0	(4,903)
2039	(4,903)	0	538	0	(5,441)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,441)	0	568	0	(6,009)
2041	(6,009)	0	435	0	(6,445)
2042	(6,445)	0	368	0	(6,812)
2043	(6,812)	0	336	0	(7,148)
2044	(7,148)	0	483	0	(7,632)
2045	(7,632)	0	426	0	(8,058)
2046	(8,058)	0	435	0	(8,492)
2047	(8,492)	0	414	0	(8,906)
2048	(8,906)	0	426	0	(9,332)
2049	(9,332)	0	405	0	(9,737)
2050	(9,737)	0	368	0	(10,106)
2051	(10,106)	0	216	0	(10,322)
2052	(10,322)	0	86	0	(10,408)
2053	(10,408)	0	82	0	(10,490)
2054	(10,490)	0	82	0	(10,572)
2055	(10,572)	0	72	0	(10,644)
2056	(10,644)	0	72	0	(10,716)
2057	(10,716)	0	72	0	(10,787)
2058	(10,787)	0	71	0	(10,859)
2059	(10,859)	0	71	0	(10,930)
2060	(10,930)	0	71	0	(11,001)
2061	(11,001)	0	71	0	(11,072)
2062	(11,072)	0	71	0	(11,143)
2063	(11,143)	0	85	0	(11,228)
2064	(11,228)	0	86	0	(11,313)
2065	(11,313)	0	86	0	(11,399)
2066	(11,399)	0	85	0	(11,484)
2067	(11,484)	0	85	0	(11,570)
2068	(11,570)	0	85	0	(11,655)
2069	(11,655)	0	85	0	(11,740)
2070	(11,740)	0	85	0	(11,825)
2071	(11,825)	0	85	0	(11,909)
2072	(11,909)	0	68	0	(11,977)
2073	(11,977)	0	68	0	(12,045)
2074	(12,045)	0	68	0	(12,113)
2075	(12,113)	0	64	0	(12,177)
2076	(12,177)	0	63	0	(12,240)
2077	(12,240)	0	44	0	(12,284)
2078	(12,284)	0	44	0	(12,329)
2079	(12,329)	0	44	0	(12,373)
2080	(12,373)	0	44	0	(12,417)
2081	(12,417)	0	44	0	(12,461)
2082	(12,461)	0	44	0	(12,504)
2083	(12,504)	0	44	0	(12,548)
2084	(12,548)	0	44	0	(12,592)
2085	(12,592)	0	44	0	(12,636)
2086	(12,636)	0	44	0	(12,679)
2087	(12,679)	0	44	0	(12,723)
2088	(12,723)	0	43	0	(12,766)
2089	(12,766)	0	43	0	(12,809)
2090	(12,809)	0	43	0	(12,853)
2091	(12,853)	0	43	0	(12,896)
2092	(12,896)	0	63	0	(12,959)
2093	(12,959)	0	92	0	(13,050)
2094	(13,050)	0	91	0	(13,142)
2095	(13,142)	0	77	0	(13,219)
2096	(13,219)	0	77	0	(13,296)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
3 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	(13,296)	0	47	0	(13,342)
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(13,342)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	55.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	1

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	2
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	283	487	217	7,239
2011	7,239	262	487	217	7,232
2012	7,232	249	487	217	7,211
2013	7,211	230	487	216	7,170
2014	7,170	194	487	215	7,093
2015	7,093	163	466	213	7,002
2016	7,002	153	399	210	6,966
2017	6,966	132	407	209	6,901
2018	6,901	121	429	207	6,799
2019	6,799	110	463	204	6,650
2020	6,650	106	711	200	6,246
2021	6,246	96	645	187	5,883
2022	5,883	86	648	176	5,497
2023	5,497	75	662	165	5,076
2024	5,076	64	680	152	4,612
2025	4,612	50	706	138	4,094
2026	4,094	37	725	123	3,529
2027	3,529	19	723	106	2,930
2028	2,930	11	743	88	2,286
2029	2,286	8	794	69	1,569
2030	1,569	5	848	47	773
2031	773	3	889	23	(89)
2032	(89)	3	856	0	(943)
2033	(943)	3	879	0	(1,818)
2034	(1,818)	2	761	0	(2,577)
2035	(2,577)	1	476	0	(3,052)
2036	(3,052)	0	446	0	(3,499)
2037	(3,499)	0	433	0	(3,932)
2038	(3,932)	0	554	0	(4,486)
2039	(4,486)	0	586	0	(5,073)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,073)	0	469	0	(5,542)
2041	(5,542)	0	549	0	(6,091)
2042	(6,091)	0	580	0	(6,670)
2043	(6,670)	0	444	0	(7,114)
2044	(7,114)	0	375	0	(7,489)
2045	(7,489)	0	343	0	(7,832)
2046	(7,832)	0	493	0	(8,324)
2047	(8,324)	0	434	0	(8,759)
2048	(8,759)	0	443	0	(9,202)
2049	(9,202)	0	422	0	(9,624)
2050	(9,624)	0	434	0	(10,058)
2051	(10,058)	0	413	0	(10,471)
2052	(10,471)	0	376	0	(10,847)
2053	(10,847)	0	220	0	(11,067)
2054	(11,067)	0	88	0	(11,155)
2055	(11,155)	0	83	0	(11,238)
2056	(11,238)	0	83	0	(11,321)
2057	(11,321)	0	73	0	(11,394)
2058	(11,394)	0	73	0	(11,468)
2059	(11,468)	0	73	0	(11,540)
2060	(11,540)	0	73	0	(11,613)
2061	(11,613)	0	72	0	(11,686)
2062	(11,686)	0	72	0	(11,758)
2063	(11,758)	0	72	0	(11,830)
2064	(11,830)	0	72	0	(11,902)
2065	(11,902)	0	86	0	(11,988)
2066	(11,988)	0	87	0	(12,076)
2067	(12,076)	0	87	0	(12,163)
2068	(12,163)	0	87	0	(12,250)
2069	(12,250)	0	87	0	(12,336)
2070	(12,336)	0	87	0	(12,423)
2071	(12,423)	0	86	0	(12,510)
2072	(12,510)	0	86	0	(12,596)
2073	(12,596)	0	86	0	(12,682)
2074	(12,682)	0	69	0	(12,751)
2075	(12,751)	0	69	0	(12,820)
2076	(12,820)	0	69	0	(12,889)
2077	(12,889)	0	65	0	(12,954)
2078	(12,954)	0	65	0	(13,019)
2079	(13,019)	0	45	0	(13,064)
2080	(13,064)	0	45	0	(13,109)
2081	(13,109)	0	45	0	(13,154)
2082	(13,154)	0	45	0	(13,198)
2083	(13,198)	0	45	0	(13,243)
2084	(13,243)	0	45	0	(13,288)
2085	(13,288)	0	45	0	(13,332)
2086	(13,332)	0	45	0	(13,377)
2087	(13,377)	0	44	0	(13,421)
2088	(13,421)	0	44	0	(13,466)
2089	(13,466)	0	44	0	(13,510)
2090	(13,510)	0	44	0	(13,554)
2091	(13,554)	0	44	0	(13,598)
2092	(13,598)	0	44	0	(13,643)
2093	(13,643)	0	44	0	(13,687)
2094	(13,687)	0	64	0	(13,750)
2095	(13,750)	0	93	0	(13,844)
2096	(13,844)	0	93	0	(13,937)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	(13,937)	0	78	0	(14,015)
2098	(14,015)	0	78	0	(14,094)
2099	(14,094)	0	48	0	(14,142)
Final NWF Balance					(14,142)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	2

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	60.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	2
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	261	482	217	7,222
2011	7,222	242	482	217	7,199
2012	7,199	230	482	216	7,163
2013	7,163	212	482	215	7,109
2014	7,109	179	482	213	7,019
2015	7,019	151	462	211	6,919
2016	6,919	141	395	208	6,873
2017	6,873	122	403	206	6,798
2018	6,798	111	425	204	6,688
2019	6,688	102	458	201	6,532
2020	6,532	98	704	196	6,123
2021	6,123	88	639	184	5,756
2022	5,756	79	642	173	5,366
2023	5,366	69	655	161	4,941
2024	4,941	59	673	148	4,475
2025	4,475	46	699	134	3,956
2026	3,956	34	718	119	3,391
2027	3,391	17	716	102	2,794
2028	2,794	10	736	84	2,152
2029	2,152	8	786	65	1,438
2030	1,438	5	839	43	647
2031	647	3	880	19	(211)
2032	(211)	3	848	0	(1,055)
2033	(1,055)	3	870	0	(1,922)
2034	(1,922)	1	754	0	(2,675)
2035	(2,675)	1	472	0	(3,146)
2036	(3,146)	0	442	0	(3,588)
2037	(3,588)	0	429	0	(4,017)
2038	(4,017)	0	549	0	(4,566)
2039	(4,566)	0	581	0	(5,146)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,146)	0	465	0	(5,611)
2041	(5,611)	0	543	0	(6,154)
2042	(6,154)	0	574	0	(6,728)
2043	(6,728)	0	440	0	(7,168)
2044	(7,168)	0	371	0	(7,539)
2045	(7,539)	0	340	0	(7,879)
2046	(7,879)	0	488	0	(8,367)
2047	(8,367)	0	430	0	(8,797)
2048	(8,797)	0	439	0	(9,236)
2049	(9,236)	0	418	0	(9,654)
2050	(9,654)	0	430	0	(10,084)
2051	(10,084)	0	409	0	(10,493)
2052	(10,493)	0	372	0	(10,865)
2053	(10,865)	0	218	0	(11,083)
2054	(11,083)	0	87	0	(11,170)
2055	(11,170)	0	83	0	(11,252)
2056	(11,252)	0	82	0	(11,335)
2057	(11,335)	0	73	0	(11,408)
2058	(11,408)	0	73	0	(11,480)
2059	(11,480)	0	72	0	(11,552)
2060	(11,552)	0	72	0	(11,625)
2061	(11,625)	0	72	0	(11,696)
2062	(11,696)	0	72	0	(11,768)
2063	(11,768)	0	71	0	(11,840)
2064	(11,840)	0	71	0	(11,911)
2065	(11,911)	0	86	0	(11,997)
2066	(11,997)	0	87	0	(12,083)
2067	(12,083)	0	86	0	(12,169)
2068	(12,169)	0	86	0	(12,256)
2069	(12,256)	0	86	0	(12,342)
2070	(12,342)	0	86	0	(12,428)
2071	(12,428)	0	86	0	(12,513)
2072	(12,513)	0	86	0	(12,599)
2073	(12,599)	0	85	0	(12,684)
2074	(12,684)	0	69	0	(12,753)
2075	(12,753)	0	69	0	(12,821)
2076	(12,821)	0	68	0	(12,890)
2077	(12,890)	0	64	0	(12,954)
2078	(12,954)	0	64	0	(13,018)
2079	(13,018)	0	45	0	(13,063)
2080	(13,063)	0	45	0	(13,107)
2081	(13,107)	0	44	0	(13,152)
2082	(13,152)	0	44	0	(13,196)
2083	(13,196)	0	44	0	(13,240)
2084	(13,240)	0	44	0	(13,285)
2085	(13,285)	0	44	0	(13,329)
2086	(13,329)	0	44	0	(13,373)
2087	(13,373)	0	44	0	(13,417)
2088	(13,417)	0	44	0	(13,461)
2089	(13,461)	0	44	0	(13,505)
2090	(13,505)	0	44	0	(13,549)
2091	(13,549)	0	44	0	(13,593)
2092	(13,593)	0	44	0	(13,636)
2093	(13,636)	0	44	0	(13,680)
2094	(13,680)	0	63	0	(13,743)
2095	(13,743)	0	92	0	(13,836)
2096	(13,836)	0	92	0	(13,928)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	(13,928)	0	78	0	(14,006)
2098	(14,006)	0	78	0	(14,083)
2099	(14,083)	0	47	0	(14,131)
				Final NWF Balance	(14,131)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	60.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	2

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	55.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	2
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	240	477	217	7,206
2011	7,206	222	477	216	7,167
2012	7,167	211	477	215	7,116
2013	7,116	195	477	213	7,047
2014	7,047	164	477	211	6,945
2015	6,945	138	457	208	6,833
2016	6,833	130	391	205	6,777
2017	6,777	112	399	203	6,693
2018	6,693	102	421	201	6,575
2019	6,575	93	454	197	6,412
2020	6,412	90	697	192	5,997
2021	5,997	81	633	180	5,625
2022	5,625	73	635	169	5,232
2023	5,232	63	648	157	4,803
2024	4,803	54	667	144	4,335
2025	4,335	42	692	130	3,815
2026	3,815	31	711	114	3,249
2027	3,249	16	709	97	2,653
2028	2,653	9	729	80	2,013
2029	2,013	7	779	60	1,302
2030	1,302	4	831	39	514
2031	514	3	871	15	(339)
2032	(339)	3	839	0	(1,175)
2033	(1,175)	2	861	0	(2,035)
2034	(2,035)	1	746	0	(2,780)
2035	(2,780)	1	467	0	(3,246)
2036	(3,246)	0	438	0	(3,684)
2037	(3,684)	0	425	0	(4,109)
2038	(4,109)	0	543	0	(4,652)
2039	(4,652)	0	575	0	(5,227)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,227)	0	460	0	(5,687)
2041	(5,687)	0	538	0	(6,225)
2042	(6,225)	0	568	0	(6,793)
2043	(6,793)	0	435	0	(7,229)
2044	(7,229)	0	368	0	(7,596)
2045	(7,596)	0	336	0	(7,933)
2046	(7,933)	0	483	0	(8,416)
2047	(8,416)	0	426	0	(8,842)
2048	(8,842)	0	435	0	(9,276)
2049	(9,276)	0	414	0	(9,691)
2050	(9,691)	0	426	0	(10,116)
2051	(10,116)	0	405	0	(10,521)
2052	(10,521)	0	368	0	(10,890)
2053	(10,890)	0	216	0	(11,106)
2054	(11,106)	0	86	0	(11,192)
2055	(11,192)	0	82	0	(11,274)
2056	(11,274)	0	82	0	(11,356)
2057	(11,356)	0	72	0	(11,428)
2058	(11,428)	0	72	0	(11,500)
2059	(11,500)	0	72	0	(11,571)
2060	(11,571)	0	71	0	(11,643)
2061	(11,643)	0	71	0	(11,714)
2062	(11,714)	0	71	0	(11,785)
2063	(11,785)	0	71	0	(11,856)
2064	(11,856)	0	71	0	(11,927)
2065	(11,927)	0	85	0	(12,012)
2066	(12,012)	0	86	0	(12,098)
2067	(12,098)	0	86	0	(12,183)
2068	(12,183)	0	85	0	(12,269)
2069	(12,269)	0	85	0	(12,354)
2070	(12,354)	0	85	0	(12,439)
2071	(12,439)	0	85	0	(12,524)
2072	(12,524)	0	85	0	(12,609)
2073	(12,609)	0	85	0	(12,693)
2074	(12,693)	0	68	0	(12,762)
2075	(12,762)	0	68	0	(12,829)
2076	(12,829)	0	68	0	(12,897)
2077	(12,897)	0	64	0	(12,961)
2078	(12,961)	0	63	0	(13,024)
2079	(13,024)	0	44	0	(13,069)
2080	(13,069)	0	44	0	(13,113)
2081	(13,113)	0	44	0	(13,157)
2082	(13,157)	0	44	0	(13,201)
2083	(13,201)	0	44	0	(13,245)
2084	(13,245)	0	44	0	(13,289)
2085	(13,289)	0	44	0	(13,332)
2086	(13,332)	0	44	0	(13,376)
2087	(13,376)	0	44	0	(13,420)
2088	(13,420)	0	44	0	(13,463)
2089	(13,463)	0	44	0	(13,507)
2090	(13,507)	0	43	0	(13,550)
2091	(13,550)	0	43	0	(13,594)
2092	(13,594)	0	43	0	(13,637)
2093	(13,637)	0	43	0	(13,680)
2094	(13,680)	0	63	0	(13,743)
2095	(13,743)	0	92	0	(13,834)
2096	(13,834)	0	91	0	(13,926)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
5 year Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	(13,926)	0	77	0	(14,003)
2098	(14,003)	0	77	0	(14,080)
2099	(14,080)	0	47	0	(14,127)
				Final NWF Balance	(14,127)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	55.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	2

Projected End-of-Program Nuclear Waste Fund Balance
(Base Case Scenarios for TSLCC and Fee Generation
with changes to inflation rate and real interest rate)

One Repository System

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	46	4,833
1996	4,833	561	455	48	4,986
1997	4,986	550	501	50	5,085
1998	5,085	539	534	51	5,142
1999	5,142	529	528	51	5,194
2000	5,194	518	522	52	5,242
2001	5,242	507	352	52	5,449
2002	5,449	497	316	54	5,684
2003	5,684	487	313	57	5,915
2004	5,915	478	307	59	6,145
2005	6,145	466	394	61	6,277
2006	6,277	453	459	63	6,335
2007	6,335	441	495	63	6,344
2008	6,344	421	492	63	6,336
2009	6,336	393	452	63	6,340
2010	6,340	379	462	63	6,319
2011	6,319	357	419	63	6,321
2012	6,321	347	427	63	6,303
2013	6,303	326	400	63	6,293
2014	6,293	280	397	63	6,239
2015	6,239	241	613	62	5,929
2016	5,929	230	543	59	5,676
2017	5,676	203	541	57	5,394
2018	5,394	188	543	54	5,093
2019	5,093	176	601	51	4,720
2020	4,720	173	552	47	4,388
2021	4,388	158	553	44	4,037
2022	4,037	145	545	40	3,677
2023	3,677	129	546	37	3,296
2024	3,296	113	537	33	2,906
2025	2,906	89	540	29	2,484
2026	2,484	68	547	25	2,030
2027	2,030	35	541	20	1,544
2028	1,544	20	533	15	1,046
2029	1,046	16	534	10	537
2030	537	10	543	5	9
2031	9	6	551	0	(536)
2032	(536)	6	536	0	(1,066)
2033	(1,066)	6	561	0	(1,621)
2034	(1,621)	3	546	0	(2,164)
2035	(2,164)	3	604	0	(2,765)
2036	(2,765)	0	538	0	(3,303)
2037	(3,303)	0	297	0	(3,600)
2038	(3,600)	0	290	0	(3,889)
2039	(3,889)	0	278	0	(4,167)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund

(in millions of 1995 dollars)

No Start-Up Delay

1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(4,167)	0	262	0	(4,428)
2041	(4,428)	0	256	0	(4,684)
2042	(4,684)	0	214	0	(4,898)
2043	(4,898)	0	40	0	(4,938)
2044	(4,938)	0	40	0	(4,978)
2045	(4,978)	0	40	0	(5,018)
2046	(5,018)	0	38	0	(5,056)
2047	(5,056)	0	38	0	(5,094)
2048	(5,094)	0	38	0	(5,132)
2049	(5,132)	0	38	0	(5,170)
2050	(5,170)	0	38	0	(5,208)
2051	(5,208)	0	38	0	(5,246)
2052	(5,246)	0	38	0	(5,284)
2053	(5,284)	0	38	0	(5,322)
2054	(5,322)	0	38	0	(5,359)
2055	(5,359)	0	38	0	(5,397)
2056	(5,397)	0	38	0	(5,434)
2057	(5,434)	0	37	0	(5,472)
2058	(5,472)	0	37	0	(5,509)
2059	(5,509)	0	37	0	(5,547)
2060	(5,547)	0	53	0	(5,600)
2061	(5,600)	0	53	0	(5,653)
2062	(5,653)	0	53	0	(5,706)
2063	(5,706)	0	53	0	(5,759)
2064	(5,759)	0	54	0	(5,813)
2065	(5,813)	0	54	0	(5,866)
2066	(5,866)	0	54	0	(5,920)
2067	(5,920)	0	54	0	(5,974)
2068	(5,974)	0	54	0	(6,027)
2069	(6,027)	0	54	0	(6,081)
2070	(6,081)	0	54	0	(6,135)
2071	(6,135)	0	36	0	(6,170)
2072	(6,170)	0	32	0	(6,202)
2073	(6,202)	0	32	0	(6,234)
2074	(6,234)	0	32	0	(6,265)
2075	(6,265)	0	32	0	(6,297)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$6,297)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	46	4,833
1996	4,833	555	451	48	4,985
1997	4,985	539	492	50	5,082
1998	5,082	523	520	51	5,137
1999	5,137	508	508	51	5,188
2000	5,188	494	500	52	5,233
2001	5,233	478	352	52	5,412
2002	5,412	464	316	54	5,613
2003	5,613	451	313	56	5,807
2004	5,807	437	307	58	5,995
2005	5,995	423	394	60	6,084
2006	6,084	407	459	61	6,093
2007	6,093	393	495	61	6,052
2008	6,052	370	492	61	5,992
2009	5,992	342	452	60	5,941
2010	5,941	327	462	59	5,865
2011	5,865	305	419	59	5,810
2012	5,810	294	427	58	5,735
2013	5,735	274	400	57	5,666
2014	5,666	233	397	57	5,559
2015	5,559	198	613	56	5,201
2016	5,201	188	543	52	4,898
2017	4,898	163	541	49	4,569
2018	4,569	151	543	46	4,223
2019	4,223	139	601	42	3,803
2020	3,803	135	552	38	3,425
2021	3,425	123	553	34	3,028
2022	3,028	111	545	30	2,624
2023	2,624	98	546	26	2,202
2024	2,202	85	537	22	1,772
2025	1,772	67	540	18	1,317
2026	1,317	50	547	13	833
2027	833	26	541	8	326
2028	326	15	533	3	(189)
2029	(189)	12	534	0	(711)
2030	(711)	7	543	0	(1,247)
2031	(1,247)	4	551	0	(1,795)
2032	(1,795)	4	536	0	(2,327)
2033	(2,327)	4	561	0	(2,884)
2034	(2,884)	2	546	0	(3,428)
2035	(3,428)	2	604	0	(4,030)
2036	(4,030)	0	538	0	(4,567)
2037	(4,567)	0	297	0	(4,864)
2038	(4,864)	0	290	0	(5,154)
2039	(5,154)	0	278	0	(5,431)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,431)	0	262	0	(5,693)
2041	(5,693)	0	256	0	(5,949)
2042	(5,949)	0	214	0	(6,162)
2043	(6,162)	0	40	0	(6,202)
2044	(6,202)	0	40	0	(6,242)
2045	(6,242)	0	40	0	(6,282)
2046	(6,282)	0	38	0	(6,321)
2047	(6,321)	0	38	0	(6,359)
2048	(6,359)	0	38	0	(6,397)
2049	(6,397)	0	38	0	(6,435)
2050	(6,435)	0	38	0	(6,473)
2051	(6,473)	0	38	0	(6,511)
2052	(6,511)	0	38	0	(6,549)
2053	(6,549)	0	38	0	(6,586)
2054	(6,586)	0	38	0	(6,624)
2055	(6,624)	0	38	0	(6,662)
2056	(6,662)	0	38	0	(6,699)
2057	(6,699)	0	37	0	(6,737)
2058	(6,737)	0	37	0	(6,774)
2059	(6,774)	0	37	0	(6,811)
2060	(6,811)	0	53	0	(6,864)
2061	(6,864)	0	53	0	(6,917)
2062	(6,917)	0	53	0	(6,970)
2063	(6,970)	0	53	0	(7,023)
2064	(7,023)	0	54	0	(7,077)
2065	(7,077)	0	54	0	(7,131)
2066	(7,131)	0	54	0	(7,185)
2067	(7,185)	0	54	0	(7,238)
2068	(7,238)	0	54	0	(7,292)
2069	(7,292)	0	54	0	(7,346)
2070	(7,346)	0	54	0	(7,399)
2071	(7,399)	0	36	0	(7,435)
2072	(7,435)	0	32	0	(7,467)
2073	(7,467)	0	32	0	(7,498)
2074	(7,498)	0	32	0	(7,530)
2075	(7,530)	0	32	0	(7,561)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$7,561)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$,600
1995	4,600	572	385	46	4,833
1996	4,833	550	446	48	4,984
1997	4,984	529	483	50	5,081
1998	5,081	509	506	51	5,135
1999	5,135	489	490	51	5,185
2000	5,185	470	480	52	5,227
2001	5,227	451	352	52	5,378
2002	5,378	434	316	54	5,550
2003	5,550	417	313	55	5,709
2004	5,709	401	307	57	5,860
2005	5,860	384	394	59	5,909
2006	5,909	367	459	59	5,876
2007	5,876	350	495	59	5,790
2008	5,790	327	492	58	5,683
2009	5,683	299	452	57	5,587
2010	5,587	283	462	56	5,464
2011	5,464	262	419	55	5,362
2012	5,362	249	427	54	5,238
2013	5,238	230	400	52	5,120
2014	5,120	194	397	51	4,968
2015	4,968	163	613	50	4,568
2016	4,568	153	543	46	4,225
2017	4,225	132	541	42	3,857
2018	3,857	121	543	39	3,475
2019	3,475	110	601	35	3,019
2020	3,019	106	552	30	2,603
2021	2,603	96	553	26	2,172
2022	2,172	86	545	22	1,735
2023	1,735	75	546	17	1,281
2024	1,281	64	537	13	821
2025	821	50	540	8	339
2026	339	37	547	3	(168)
2027	(168)	19	541	0	(690)
2028	(690)	11	533	0	(1,212)
2029	(1,212)	8	534	0	(1,739)
2030	(1,739)	5	543	0	(2,277)
2031	(2,277)	3	551	0	(2,825)
2032	(2,825)	3	536	0	(3,358)
2033	(3,358)	3	561	0	(3,916)
2034	(3,916)	2	546	0	(4,460)
2035	(4,460)	1	604	0	(5,063)
2036	(5,063)	0	538	0	(5,601)
2037	(5,601)	0	297	0	(5,897)
2038	(5,897)	0	290	0	(6,187)
2039	(6,187)	0	278	0	(6,465)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(6,465)	0	262	0	(6,726)
2041	(6,726)	0	256	0	(6,982)
2042	(6,982)	0	214	0	(7,195)
2043	(7,195)	0	40	0	(7,236)
2044	(7,236)	0	40	0	(7,276)
2045	(7,276)	0	40	0	(7,316)
2046	(7,316)	0	38	0	(7,354)
2047	(7,354)	0	38	0	(7,392)
2048	(7,392)	0	38	0	(7,430)
2049	(7,430)	0	38	0	(7,468)
2050	(7,468)	0	38	0	(7,506)
2051	(7,506)	0	38	0	(7,544)
2052	(7,544)	0	38	0	(7,582)
2053	(7,582)	0	38	0	(7,620)
2054	(7,620)	0	38	0	(7,657)
2055	(7,657)	0	38	0	(7,695)
2056	(7,695)	0	38	0	(7,732)
2057	(7,732)	0	37	0	(7,770)
2058	(7,770)	0	37	0	(7,807)
2059	(7,807)	0	37	0	(7,845)
2060	(7,845)	0	53	0	(7,898)
2061	(7,898)	0	53	0	(7,951)
2062	(7,951)	0	53	0	(8,004)
2063	(8,004)	0	53	0	(8,057)
2064	(8,057)	0	54	0	(8,110)
2065	(8,110)	0	54	0	(8,164)
2066	(8,164)	0	54	0	(8,218)
2067	(8,218)	0	54	0	(8,272)
2068	(8,272)	0	54	0	(8,325)
2069	(8,325)	0	54	0	(8,379)
2070	(8,379)	0	54	0	(8,433)
2071	(8,433)	0	36	0	(8,468)
2072	(8,468)	0	32	0	(8,500)
2073	(8,500)	0	32	0	(8,532)
2074	(8,532)	0	32	0	(8,563)
2075	(8,563)	0	32	0	(8,595)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$8,595)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	46	4,833
1996	4,833	545	442	48	4,984
1997	4,984	519	473	50	5,080
1998	5,080	494	492	51	5,132
1999	5,132	471	473	51	5,181
2000	5,181	448	460	52	5,221
2001	5,221	426	352	52	5,347
2002	5,347	406	316	53	5,489
2003	5,489	387	313	55	5,618
2004	5,618	368	307	56	5,735
2005	5,735	349	394	57	5,747
2006	5,747	330	459	57	5,675
2007	5,675	312	495	57	5,549
2008	5,549	288	492	55	5,401
2009	5,401	262	452	54	5,264
2010	5,264	245	462	53	5,100
2011	5,100	224	419	51	4,956
2012	4,956	212	427	50	4,791
2013	4,791	194	400	48	4,633
2014	4,633	162	397	46	4,445
2015	4,445	135	613	44	4,011
2016	4,011	125	543	40	3,633
2017	3,633	107	541	36	3,235
2018	3,235	97	543	32	2,821
2019	2,821	88	601	28	2,336
2020	2,336	83	552	23	1,891
2021	1,891	74	553	19	1,431
2022	1,431	66	545	14	965
2023	965	57	546	10	486
2024	486	49	537	5	3
2025	3	37	540	0	(500)
2026	(500)	28	547	0	(1,019)
2027	(1,019)	14	541	0	(1,546)
2028	(1,546)	8	533	0	(2,071)
2029	(2,071)	6	534	0	(2,599)
2030	(2,599)	4	543	0	(3,138)
2031	(3,138)	2	551	0	(3,688)
2032	(3,688)	2	536	0	(4,221)
2033	(4,221)	2	561	0	(4,780)
2034	(4,780)	1	546	0	(5,325)
2035	(5,325)	1	604	0	(5,928)
2036	(5,928)	0	538	0	(6,466)
2037	(6,466)	0	297	0	(6,763)
2038	(6,763)	0	290	0	(7,053)
2039	(7,053)	0	278	0	(7,330)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(7,330)	0	262	0	(7,592)
2041	(7,592)	0	256	0	(7,848)
2042	(7,848)	0	214	0	(8,061)
2043	(8,061)	0	40	0	(8,101)
2044	(8,101)	0	40	0	(8,141)
2045	(8,141)	0	40	0	(8,181)
2046	(8,181)	0	38	0	(8,219)
2047	(8,219)	0	38	0	(8,258)
2048	(8,258)	0	38	0	(8,296)
2049	(8,296)	0	38	0	(8,334)
2050	(8,334)	0	38	0	(8,372)
2051	(8,372)	0	38	0	(8,410)
2052	(8,410)	0	38	0	(8,447)
2053	(8,447)	0	38	0	(8,485)
2054	(8,485)	0	38	0	(8,523)
2055	(8,523)	0	38	0	(8,560)
2056	(8,560)	0	38	0	(8,598)
2057	(8,598)	0	37	0	(8,635)
2058	(8,635)	0	37	0	(8,673)
2059	(8,673)	0	37	0	(8,710)
2060	(8,710)	0	53	0	(8,763)
2061	(8,763)	0	53	0	(8,816)
2062	(8,816)	0	53	0	(8,869)
2063	(8,869)	0	53	0	(8,922)
2064	(8,922)	0	54	0	(8,976)
2065	(8,976)	0	54	0	(9,030)
2066	(9,030)	0	54	0	(9,084)
2067	(9,084)	0	54	0	(9,137)
2068	(9,137)	0	54	0	(9,191)
2069	(9,191)	0	54	0	(9,245)
2070	(9,245)	0	54	0	(9,298)
2071	(9,298)	0	36	0	(9,334)
2072	(9,334)	0	32	0	(9,366)
2073	(9,366)	0	32	0	(9,397)
2074	(9,397)	0	32	0	(9,429)
2075	(9,429)	0	32	0	(9,460)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$9,460)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	561	455	98	5,082
1997	5,082	550	501	102	5,233
1998	5,233	539	534	105	5,344
1999	5,344	529	528	107	5,452
2000	5,452	518	522	109	5,557
2001	5,557	507	352	111	5,823
2002	5,823	497	316	116	6,120
2003	6,120	487	313	122	6,416
2004	6,416	478	307	128	6,715
2005	6,715	466	394	134	6,920
2006	6,920	453	459	138	7,053
2007	7,053	441	495	141	7,140
2008	7,140	421	492	143	7,212
2009	7,212	393	452	144	7,297
2010	7,297	379	462	146	7,359
2011	7,359	357	419	147	7,445
2012	7,445	347	427	149	7,513
2013	7,513	326	400	150	7,590
2014	7,590	280	397	152	7,625
2015	7,625	241	613	153	7,406
2016	7,406	230	543	148	7,242
2017	7,242	203	541	145	7,048
2018	7,048	188	543	141	6,834
2019	6,834	176	601	137	6,547
2020	6,547	173	552	131	6,299
2021	6,299	158	553	126	6,030
2022	6,030	145	545	121	5,751
2023	5,751	129	546	115	5,448
2024	5,448	113	537	109	5,134
2025	5,134	89	540	103	4,786
2026	4,786	68	547	96	4,403
2027	4,403	35	541	88	3,985
2028	3,985	20	533	80	3,552
2029	3,552	16	534	71	3,104
2030	3,104	10	543	62	2,633
2031	2,633	6	551	53	2,141
2032	2,141	6	536	43	1,654
2033	1,654	6	561	33	1,132
2034	1,132	3	546	23	612
2035	612	3	604	12	23
2036	23	0	538	0	(515)
2037	(515)	0	297	0	(812)
2038	(812)	0	290	0	(1,101)
2039	(1,101)	0	278	0	(1,379)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(1,379)	0	262	0	(1,640)
2041	(1,640)	0	256	0	(1,896)
2042	(1,896)	0	214	0	(2,110)
2043	(2,110)	0	40	0	(2,150)
2044	(2,150)	0	40	0	(2,190)
2045	(2,190)	0	40	0	(2,230)
2046	(2,230)	0	38	0	(2,268)
2047	(2,268)	0	38	0	(2,306)
2048	(2,306)	0	38	0	(2,344)
2049	(2,344)	0	38	0	(2,382)
2050	(2,382)	0	38	0	(2,420)
2051	(2,420)	0	38	0	(2,458)
2052	(2,458)	0	38	0	(2,496)
2053	(2,496)	0	38	0	(2,534)
2054	(2,534)	0	38	0	(2,571)
2055	(2,571)	0	38	0	(2,609)
2056	(2,609)	0	38	0	(2,646)
2057	(2,646)	0	37	0	(2,684)
2058	(2,684)	0	37	0	(2,721)
2059	(2,721)	0	37	0	(2,759)
2060	(2,759)	0	53	0	(2,812)
2061	(2,812)	0	53	0	(2,865)
2062	(2,865)	0	53	0	(2,918)
2063	(2,918)	0	53	0	(2,971)
2064	(2,971)	0	54	0	(3,025)
2065	(3,025)	0	54	0	(3,078)
2066	(3,078)	0	54	0	(3,132)
2067	(3,132)	0	54	0	(3,186)
2068	(3,186)	0	54	0	(3,239)
2069	(3,239)	0	54	0	(3,293)
2070	(3,293)	0	54	0	(3,347)
2071	(3,347)	0	36	0	(3,382)
2072	(3,382)	0	32	0	(3,414)
2073	(3,414)	0	32	0	(3,446)
2074	(3,446)	0	32	0	(3,477)
2075	(3,477)	0	32	0	(3,509)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$3,509)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	555	451	98	5,081
1997	5,081	539	492	102	5,230
1998	5,230	523	520	105	5,339
1999	5,339	508	508	107	5,446
2000	5,446	494	500	109	5,548
2001	5,548	478	352	111	5,786
2002	5,786	464	316	116	6,049
2003	6,049	451	313	121	6,308
2004	6,308	437	307	126	6,564
2005	6,564	423	394	131	6,724
2006	6,724	407	459	134	6,806
2007	6,806	393	495	136	6,840
2008	6,840	370	492	137	6,856
2009	6,856	342	452	137	6,882
2010	6,882	327	462	138	6,885
2011	6,885	305	419	138	6,909
2012	6,909	294	427	138	6,914
2013	6,914	274	400	138	6,926
2014	6,926	233	397	139	6,901
2015	6,901	198	613	138	6,625
2016	6,625	188	543	132	6,402
2017	6,402	163	541	128	6,152
2018	6,152	151	543	123	5,883
2019	5,883	139	601	118	5,539
2020	5,539	135	552	111	5,234
2021	5,234	123	553	105	4,908
2022	4,908	111	545	98	4,572
2023	4,572	98	546	91	4,215
2024	4,215	85	537	84	3,847
2025	3,847	67	540	77	3,451
2026	3,451	50	547	69	3,023
2027	3,023	26	541	60	2,568
2028	2,568	15	533	51	2,101
2029	2,101	12	534	42	1,621
2030	1,621	7	543	32	1,117
2031	1,117	4	551	22	591
2032	591	4	536	12	71
2033	71	4	561	1	(485)
2034	(485)	2	546	0	(1,029)
2035	(1,029)	2	604	0	(1,631)
2036	(1,631)	0	538	0	(2,168)
2037	(2,168)	0	297	0	(2,465)
2038	(2,465)	0	290	0	(2,755)
2039	(2,755)	0	278	0	(3,032)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(3,032)	0	262	0	(3,294)
2041	(3,294)	0	256	0	(3,550)
2042	(3,550)	0	214	0	(3,763)
2043	(3,763)	0	40	0	(3,803)
2044	(3,803)	0	40	0	(3,843)
2045	(3,843)	0	40	0	(3,883)
2046	(3,883)	0	38	0	(3,922)
2047	(3,922)	0	38	0	(3,960)
2048	(3,960)	0	38	0	(3,998)
2049	(3,998)	0	38	0	(4,036)
2050	(4,036)	0	38	0	(4,074)
2051	(4,074)	0	38	0	(4,112)
2052	(4,112)	0	38	0	(4,150)
2053	(4,150)	0	38	0	(4,187)
2054	(4,187)	0	38	0	(4,225)
2055	(4,225)	0	38	0	(4,263)
2056	(4,263)	0	38	0	(4,300)
2057	(4,300)	0	37	0	(4,338)
2058	(4,338)	0	37	0	(4,375)
2059	(4,375)	0	37	0	(4,412)
2060	(4,412)	0	53	0	(4,465)
2061	(4,465)	0	53	0	(4,518)
2062	(4,518)	0	53	0	(4,571)
2063	(4,571)	0	53	0	(4,624)
2064	(4,624)	0	54	0	(4,678)
2065	(4,678)	0	54	0	(4,732)
2066	(4,732)	0	54	0	(4,786)
2067	(4,786)	0	54	0	(4,839)
2068	(4,839)	0	54	0	(4,893)
2069	(4,893)	0	54	0	(4,947)
2070	(4,947)	0	54	0	(5,000)
2071	(5,000)	0	36	0	(5,036)
2072	(5,036)	0	32	0	(5,068)
2073	(5,068)	0	32	0	(5,099)
2074	(5,099)	0	32	0	(5,131)
2075	(5,131)	0	32	0	(5,162)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$5,162)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	550	446	98	5,080
1997	5,080	529	483	102	5,229
1998	5,229	509	506	105	5,337
1999	5,337	489	490	107	5,443
2000	5,443	470	480	109	5,542
2001	5,542	451	352	111	5,752
2002	5,752	434	316	115	5,985
2003	5,985	417	313	120	6,209
2004	6,209	401	307	124	6,427
2005	6,427	384	394	129	6,546
2006	6,546	367	459	131	6,585
2007	6,585	350	495	132	6,572
2008	6,572	327	492	131	6,538
2009	6,538	299	452	131	6,516
2010	6,516	283	462	130	6,467
2011	6,467	262	419	129	6,439
2012	6,439	249	427	129	6,390
2013	6,390	230	400	128	6,348
2014	6,348	194	397	127	6,272
2015	6,272	163	613	125	5,947
2016	5,947	153	543	119	5,677
2017	5,677	132	541	114	5,381
2018	5,381	121	543	108	5,068
2019	5,068	110	601	101	4,678
2020	4,678	106	552	94	4,326
2021	4,326	96	553	87	3,956
2022	3,956	86	545	79	3,576
2023	3,576	75	546	72	3,177
2024	3,177	64	537	64	2,768
2025	2,768	50	540	55	2,333
2026	2,333	37	547	47	1,870
2027	1,870	19	541	37	1,385
2028	1,385	11	533	28	891
2029	891	8	534	18	382
2030	382	5	543	8	(148)
2031	(148)	3	551	0	(696)
2032	(696)	3	536	0	(1,229)
2033	(1,229)	3	561	0	(1,787)
2034	(1,787)	2	546	0	(2,331)
2035	(2,331)	1	604	0	(2,934)
2036	(2,934)	0	538	0	(3,472)
2037	(3,472)	0	297	0	(3,768)
2038	(3,768)	0	290	0	(4,058)
2039	(4,058)	0	278	0	(4,336)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(4,336)	0	262	0	(4,597)
2041	(4,597)	0	256	0	(4,853)
2042	(4,853)	0	214	0	(5,066)
2043	(5,066)	0	40	0	(5,107)
2044	(5,107)	0	40	0	(5,147)
2045	(5,147)	0	40	0	(5,187)
2046	(5,187)	0	38	0	(5,225)
2047	(5,225)	0	38	0	(5,263)
2048	(5,263)	0	38	0	(5,301)
2049	(5,301)	0	38	0	(5,339)
2050	(5,339)	0	38	0	(5,377)
2051	(5,377)	0	38	0	(5,415)
2052	(5,415)	0	38	0	(5,453)
2053	(5,453)	0	38	0	(5,491)
2054	(5,491)	0	38	0	(5,528)
2055	(5,528)	0	38	0	(5,566)
2056	(5,566)	0	38	0	(5,603)
2057	(5,603)	0	37	0	(5,641)
2058	(5,641)	0	37	0	(5,678)
2059	(5,678)	0	37	0	(5,716)
2060	(5,716)	0	53	0	(5,769)
2061	(5,769)	0	53	0	(5,822)
2062	(5,822)	0	53	0	(5,875)
2063	(5,875)	0	53	0	(5,928)
2064	(5,928)	0	54	0	(5,981)
2065	(5,981)	0	54	0	(6,035)
2066	(6,035)	0	54	0	(6,089)
2067	(6,089)	0	54	0	(6,143)
2068	(6,143)	0	54	0	(6,196)
2069	(6,196)	0	54	0	(6,250)
2070	(6,250)	0	54	0	(6,304)
2071	(6,304)	0	36	0	(6,339)
2072	(6,339)	0	32	0	(6,371)
2073	(6,371)	0	32	0	(6,403)
2074	(6,403)	0	32	0	(6,434)
2075	(6,434)	0	32	0	(6,466)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$6,466)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	545	442	98	5,080
1997	5,080	519	473	102	5,228
1998	5,228	494	492	105	5,334
1999	5,334	471	473	107	5,439
2000	5,439	448	460	109	5,536
2001	5,536	426	352	111	5,721
2002	5,721	406	316	114	5,924
2003	5,924	387	313	118	6,116
2004	6,116	368	307	122	6,299
2005	6,299	349	394	126	6,380
2006	6,380	330	459	128	6,379
2007	6,379	312	495	128	6,324
2008	6,324	288	492	126	6,247
2009	6,247	262	452	125	6,181
2010	6,181	245	462	124	6,088
2011	6,088	224	419	122	6,015
2012	6,015	212	427	120	5,920
2013	5,920	194	400	118	5,832
2014	5,832	162	397	117	5,715
2015	5,715	135	613	114	5,351
2016	5,351	125	543	107	5,040
2017	5,040	107	541	101	4,707
2018	4,707	97	543	94	4,355
2019	4,355	88	601	87	3,929
2020	3,929	83	552	79	3,540
2021	3,540	74	553	71	3,132
2022	3,132	66	545	63	2,715
2023	2,715	57	546	54	2,280
2024	2,280	49	537	46	1,838
2025	1,838	37	540	37	1,372
2026	1,372	28	547	27	880
2027	880	14	541	18	371
2028	371	8	533	7	(147)
2029	(147)	6	534	0	(675)
2030	(675)	4	543	0	(1,214)
2031	(1,214)	2	551	0	(1,764)
2032	(1,764)	2	536	0	(2,297)
2033	(2,297)	2	561	0	(2,856)
2034	(2,856)	1	546	0	(3,401)
2035	(3,401)	1	604	0	(4,004)
2036	(4,004)	0	538	0	(4,542)
2037	(4,542)	0	297	0	(4,839)
2038	(4,839)	0	290	0	(5,129)
2039	(5,129)	0	278	0	(5,406)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,406)	0	262	0	(5,668)
2041	(5,668)	0	256	0	(5,924)
2042	(5,924)	0	214	0	(6,137)
2043	(6,137)	0	40	0	(6,177)
2044	(6,177)	0	40	0	(6,217)
2045	(6,217)	0	40	0	(6,257)
2046	(6,257)	0	38	0	(6,295)
2047	(6,295)	0	38	0	(6,334)
2048	(6,334)	0	38	0	(6,372)
2049	(6,372)	0	38	0	(6,410)
2050	(6,410)	0	38	0	(6,448)
2051	(6,448)	0	38	0	(6,486)
2052	(6,486)	0	38	0	(6,523)
2053	(6,523)	0	38	0	(6,561)
2054	(6,561)	0	38	0	(6,599)
2055	(6,599)	0	38	0	(6,636)
2056	(6,636)	0	38	0	(6,674)
2057	(6,674)	0	37	0	(6,711)
2058	(6,711)	0	37	0	(6,749)
2059	(6,749)	0	37	0	(6,786)
2060	(6,786)	0	53	0	(6,839)
2061	(6,839)	0	53	0	(6,892)
2062	(6,892)	0	53	0	(6,945)
2063	(6,945)	0	53	0	(6,998)
2064	(6,998)	0	54	0	(7,052)
2065	(7,052)	0	54	0	(7,106)
2066	(7,106)	0	54	0	(7,160)
2067	(7,160)	0	54	0	(7,213)
2068	(7,213)	0	54	0	(7,267)
2069	(7,267)	0	54	0	(7,321)
2070	(7,321)	0	54	0	(7,374)
2071	(7,374)	0	36	0	(7,410)
2072	(7,410)	0	32	0	(7,442)
2073	(7,442)	0	32	0	(7,473)
2074	(7,473)	0	32	0	(7,505)
2075	(7,505)	0	32	0	(7,536)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
				Final NWF Balance	(\$7,536)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	561	455	148	5,178
1997	5,178	550	501	155	5,382
1998	5,382	539	534	161	5,549
1999	5,549	529	528	166	5,716
2000	5,716	518	522	171	5,883
2001	5,883	507	352	176	6,214
2002	6,214	497	316	186	6,581
2003	6,581	487	313	197	6,952
2004	6,952	478	307	209	7,332
2005	7,332	466	394	220	7,623
2006	7,623	453	459	229	7,847
2007	7,847	441	495	235	8,028
2008	8,028	421	492	241	8,198
2009	8,198	393	452	246	8,385
2010	8,385	379	462	252	8,553
2011	8,553	357	419	257	8,749
2012	8,749	347	427	262	8,930
2013	8,930	326	400	268	9,125
2014	9,125	280	397	274	9,282
2015	9,282	241	613	278	9,188
2016	9,188	230	543	276	9,152
2017	9,152	203	541	275	9,088
2018	9,088	188	543	273	9,006
2019	9,006	176	601	270	8,852
2020	8,852	173	552	266	8,739
2021	8,739	158	553	262	8,606
2022	8,606	145	545	258	8,464
2023	8,464	129	546	254	8,300
2024	8,300	113	537	249	8,126
2025	8,126	89	540	244	7,919
2026	7,919	68	547	238	7,678
2027	7,678	35	541	230	7,402
2028	7,402	20	533	222	7,111
2029	7,111	16	534	213	6,805
2030	6,805	10	543	204	6,476
2031	6,476	6	551	194	6,125
2032	6,125	6	536	184	5,779
2033	5,779	6	561	173	5,397
2034	5,397	3	546	162	5,016
2035	5,016	3	604	150	4,565
2036	4,565	0	538	137	4,164
2037	4,164	0	297	125	3,992
2038	3,992	0	290	120	3,823
2039	3,823	0	278	115	3,660

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	3,660	0	262	110	3,509
2041	3,509	0	256	105	3,358
2042	3,358	0	214	101	3,245
2043	3,245	0	40	97	3,302
2044	3,302	0	40	99	3,361
2045	3,361	0	40	101	3,422
2046	3,422	0	38	103	3,487
2047	3,487	0	38	105	3,554
2048	3,554	0	38	107	3,623
2049	3,623	0	38	109	3,694
2050	3,694	0	38	111	3,767
2051	3,767	0	38	113	3,842
2052	3,842	0	38	115	3,919
2053	3,919	0	38	118	3,999
2054	3,999	0	38	120	4,082
2055	4,082	0	38	122	4,166
2056	4,166	0	38	125	4,254
2057	4,254	0	37	128	4,344
2058	4,344	0	37	130	4,437
2059	4,437	0	37	133	4,532
2060	4,532	0	53	136	4,615
2061	4,615	0	53	138	4,700
2062	4,700	0	53	141	4,788
2063	4,788	0	53	144	4,879
2064	4,879	0	54	146	4,971
2065	4,971	0	54	149	5,067
2066	5,067	0	54	152	5,165
2067	5,165	0	54	155	5,266
2068	5,266	0	54	158	5,371
2069	5,371	0	54	161	5,478
2070	5,478	0	54	164	5,588
2071	5,588	0	36	168	5,721
2072	5,721	0	32	172	5,861
2073	5,861	0	32	176	6,005
2074	6,005	0	32	180	6,154
2075	6,154	0	32	185	6,307
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					\$6,307

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	555	451	148	5,177
1997	5,177	539	492	155	5,379
1998	5,379	523	520	161	5,544
1999	5,544	508	508	166	5,710
2000	5,710	494	500	171	5,874
2001	5,874	478	352	176	6,177
2002	6,177	464	316	185	6,509
2003	6,509	451	313	195	6,842
2004	6,842	437	307	205	7,177
2005	7,177	423	394	215	7,421
2006	7,421	407	459	223	7,592
2007	7,592	393	495	228	7,718
2008	7,718	370	492	232	7,829
2009	7,829	342	452	235	7,953
2010	7,953	327	462	239	8,057
2011	8,057	305	419	242	8,185
2012	8,185	294	427	246	8,298
2013	8,298	274	400	249	8,421
2014	8,421	233	397	253	8,510
2015	8,510	198	613	255	8,351
2016	8,351	188	543	251	8,247
2017	8,247	163	541	247	8,116
2018	8,116	151	543	243	7,967
2019	7,967	139	601	239	7,744
2020	7,744	135	552	232	7,560
2021	7,560	123	553	227	7,356
2022	7,356	111	545	221	7,143
2023	7,143	98	546	214	6,909
2024	6,909	85	537	207	6,664
2025	6,664	67	540	200	6,391
2026	6,391	50	547	192	6,086
2027	6,086	26	541	183	5,754
2028	5,754	15	533	173	5,409
2029	5,409	12	534	162	5,049
2030	5,049	7	543	151	4,664
2031	4,664	4	551	140	4,256
2032	4,256	4	536	128	3,852
2033	3,852	4	561	116	3,411
2034	3,411	2	546	102	2,969
2035	2,969	2	604	89	2,456
2036	2,456	0	538	74	1,993
2037	1,993	0	297	60	1,756
2038	1,756	0	290	53	1,519
2039	1,519	0	278	46	1,288

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	1,288	0	262	39	1,065
2041	1,065	0	256	32	841
2042	841	0	214	25	653
2043	653	0	40	20	633
2044	633	0	40	19	612
2045	612	0	40	18	590
2046	590	0	38	18	569
2047	569	0	38	17	548
2048	548	0	38	16	526
2049	526	0	38	16	504
2050	504	0	38	15	481
2051	481	0	38	14	457
2052	457	0	38	14	433
2053	433	0	38	13	409
2054	409	0	38	12	383
2055	383	0	38	11	356
2056	356	0	38	11	330
2057	330	0	37	10	302
2058	302	0	37	9	274
2059	274	0	37	8	245
2060	245	0	53	7	199
2061	199	0	53	6	152
2062	152	0	53	5	104
2063	104	0	53	3	54
2064	54	0	54	2	2
2065	2	0	54	0	(52)
2066	(52)	0	54	0	(106)
2067	(106)	0	54	0	(159)
2068	(159)	0	54	0	(213)
2069	(213)	0	54	0	(267)
2070	(267)	0	54	0	(320)
2071	(320)	0	36	0	(356)
2072	(356)	0	32	0	(388)
2073	(388)	0	32	0	(419)
2074	(419)	0	32	0	(451)
2075	(451)	0	32	0	(482)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$482)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	506	161	5,542
1999	5,542	489	490	166	5,707
2000	5,707	470	480	171	5,868
2001	5,868	451	352	176	6,143
2002	6,143	434	316	184	6,445
2003	6,445	417	313	193	6,742
2004	6,742	401	307	202	7,038
2005	7,038	384	394	211	7,239
2006	7,239	367	459	217	7,364
2007	7,364	350	495	221	7,440
2008	7,440	327	492	223	7,498
2009	7,498	299	452	225	7,570
2010	7,570	283	462	227	7,618
2011	7,618	262	419	229	7,690
2012	7,690	249	427	231	7,743
2013	7,743	230	400	232	7,805
2014	7,805	194	397	234	7,836
2015	7,836	163	613	235	7,621
2016	7,621	153	543	229	7,461
2017	7,461	132	541	224	7,275
2018	7,275	121	543	218	7,072
2019	7,072	110	601	212	6,793
2020	6,793	106	552	204	6,551
2021	6,551	96	553	197	6,291
2022	6,291	86	545	189	6,021
2023	6,021	75	546	181	5,731
2024	5,731	64	537	172	5,430
2025	5,430	50	540	163	5,103
2026	5,103	37	547	153	4,746
2027	4,746	19	541	142	4,366
2028	4,366	11	533	131	3,975
2029	3,975	8	534	119	3,567
2030	3,567	5	543	107	3,136
2031	3,136	3	551	94	2,682
2032	2,682	3	536	80	2,229
2033	2,229	3	561	67	1,738
2034	1,738	2	546	52	1,246
2035	1,246	1	604	37	680
2036	680	0	538	20	162
2037	162	0	297	5	(129)
2038	(129)	0	290	0	(419)
2039	(419)	0	278	0	(697)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(697)	0	262	0	(958)
2041	(958)	0	256	0	(1,214)
2042	(1,214)	0	214	0	(1,427)
2043	(1,427)	0	40	0	(1,468)
2044	(1,468)	0	40	0	(1,508)
2045	(1,508)	0	40	0	(1,548)
2046	(1,548)	0	38	0	(1,586)
2047	(1,586)	0	38	0	(1,624)
2048	(1,624)	0	38	0	(1,662)
2049	(1,662)	0	38	0	(1,700)
2050	(1,700)	0	38	0	(1,738)
2051	(1,738)	0	38	0	(1,776)
2052	(1,776)	0	38	0	(1,814)
2053	(1,814)	0	38	0	(1,852)
2054	(1,852)	0	38	0	(1,889)
2055	(1,889)	0	38	0	(1,927)
2056	(1,927)	0	38	0	(1,964)
2057	(1,964)	0	37	0	(2,002)
2058	(2,002)	0	37	0	(2,039)
2059	(2,039)	0	37	0	(2,077)
2060	(2,077)	0	53	0	(2,130)
2061	(2,130)	0	53	0	(2,183)
2062	(2,183)	0	53	0	(2,236)
2063	(2,236)	0	53	0	(2,289)
2064	(2,289)	0	54	0	(2,342)
2065	(2,342)	0	54	0	(2,396)
2066	(2,396)	0	54	0	(2,450)
2067	(2,450)	0	54	0	(2,504)
2068	(2,504)	0	54	0	(2,557)
2069	(2,557)	0	54	0	(2,611)
2070	(2,611)	0	54	0	(2,665)
2071	(2,665)	0	36	0	(2,700)
2072	(2,700)	0	32	0	(2,732)
2073	(2,732)	0	32	0	(2,764)
2074	(2,764)	0	32	0	(2,795)
2075	(2,795)	0	32	0	(2,827)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$2,827)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	545	442	148	5,176
1997	5,176	519	473	155	5,377
1998	5,377	494	492	161	5,539
1999	5,539	471	473	166	5,703
2000	5,703	448	460	171	5,862
2001	5,862	426	352	176	6,112
2002	6,112	406	316	183	6,384
2003	6,384	387	313	192	6,650
2004	6,650	368	307	200	6,911
2005	6,911	349	394	207	7,073
2006	7,073	330	459	212	7,156
2007	7,156	312	495	215	7,188
2008	7,188	288	492	216	7,201
2009	7,201	262	452	216	7,226
2010	7,226	245	462	217	7,226
2011	7,226	224	419	217	7,248
2012	7,248	212	427	217	7,250
2013	7,250	194	400	217	7,261
2014	7,261	162	397	218	7,245
2015	7,245	135	613	217	6,984
2016	6,984	125	543	210	6,776
2017	6,776	107	541	203	6,545
2018	6,545	97	543	196	6,295
2019	6,295	88	601	189	5,971
2020	5,971	83	552	179	5,682
2021	5,682	74	553	170	5,373
2022	5,373	66	545	161	5,054
2023	5,054	57	546	152	4,717
2024	4,717	49	537	142	4,371
2025	4,371	37	540	131	3,999
2026	3,999	28	547	120	3,600
2027	3,600	14	541	108	3,181
2028	3,181	8	533	95	2,751
2029	2,751	6	534	83	2,306
2030	2,306	4	543	69	1,836
2031	1,836	2	551	55	1,341
2032	1,341	2	536	40	848
2033	848	2	561	25	314
2034	314	1	546	9	(222)
2035	(222)	1	604	0	(825)
2036	(825)	0	538	0	(1,363)
2037	(1,363)	0	297	0	(1,660)
2038	(1,660)	0	290	0	(1,950)
2039	(1,950)	0	278	0	(2,227)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(2,227)	0	262	0	(2,489)
2041	(2,489)	0	256	0	(2,745)
2042	(2,745)	0	214	0	(2,958)
2043	(2,958)	0	40	0	(2,998)
2044	(2,998)	0	40	0	(3,038)
2045	(3,038)	0	40	0	(3,078)
2046	(3,078)	0	38	0	(3,116)
2047	(3,116)	0	38	0	(3,155)
2048	(3,155)	0	38	0	(3,193)
2049	(3,193)	0	38	0	(3,231)
2050	(3,231)	0	38	0	(3,269)
2051	(3,269)	0	38	0	(3,307)
2052	(3,307)	0	38	0	(3,344)
2053	(3,344)	0	38	0	(3,382)
2054	(3,382)	0	38	0	(3,420)
2055	(3,420)	0	38	0	(3,457)
2056	(3,457)	0	38	0	(3,495)
2057	(3,495)	0	37	0	(3,532)
2058	(3,532)	0	37	0	(3,570)
2059	(3,570)	0	37	0	(3,607)
2060	(3,607)	0	53	0	(3,660)
2061	(3,660)	0	53	0	(3,713)
2062	(3,713)	0	53	0	(3,766)
2063	(3,766)	0	53	0	(3,819)
2064	(3,819)	0	54	0	(3,873)
2065	(3,873)	0	54	0	(3,927)
2066	(3,927)	0	54	0	(3,981)
2067	(3,981)	0	54	0	(4,034)
2068	(4,034)	0	54	0	(4,088)
2069	(4,088)	0	54	0	(4,142)
2070	(4,142)	0	54	0	(4,195)
2071	(4,195)	0	36	0	(4,231)
2072	(4,231)	0	32	0	(4,263)
2073	(4,263)	0	32	0	(4,294)
2074	(4,294)	0	32	0	(4,326)
2075	(4,326)	0	32	0	(4,357)
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$4,357)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	184	4,971
1996	4,971	561	455	199	5,275
1997	5,275	550	501	211	5,535
1998	5,535	539	534	221	5,762
1999	5,762	529	528	230	5,993
2000	5,993	518	522	240	6,229
2001	6,229	507	352	249	6,633
2002	6,633	497	316	265	7,079
2003	7,079	487	313	283	7,536
2004	7,536	478	307	301	8,008
2005	8,008	466	394	320	8,399
2006	8,399	453	459	336	8,730
2007	8,730	441	495	349	9,025
2008	9,025	421	492	361	9,315
2009	9,315	393	452	373	9,629
2010	9,629	379	462	385	9,930
2011	9,930	357	419	397	10,266
2012	10,266	347	427	411	10,596
2013	10,596	326	400	424	10,947
2014	10,947	280	397	438	11,268
2015	11,268	241	613	451	11,347
2016	11,347	230	543	454	11,489
2017	11,489	203	541	460	11,610
2018	11,610	188	543	464	11,719
2019	11,719	176	601	469	11,764
2020	11,764	173	552	471	11,856
2021	11,856	158	553	474	11,935
2022	11,935	145	545	477	12,012
2023	12,012	129	546	480	12,074
2024	12,074	113	537	483	12,134
2025	12,134	89	540	485	12,168
2026	12,168	68	547	487	12,176
2027	12,176	35	541	487	12,157
2028	12,157	20	533	486	12,130
2029	12,130	16	534	485	12,096
2030	12,096	10	543	484	12,047
2031	12,047	6	551	482	11,984
2032	11,984	6	536	479	11,933
2033	11,933	6	561	477	11,855
2034	11,855	3	546	474	11,786
2035	11,786	3	604	471	11,656
2036	11,656	0	538	466	11,584
2037	11,584	0	297	463	11,750
2038	11,750	0	290	470	11,931
2039	11,931	0	278	477	12,130

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	12,130	0	262	485	12,354
2041	12,354	0	256	494	12,592
2042	12,592	0	214	504	12,882
2043	12,882	0	40	515	13,357
2044	13,357	0	40	534	13,851
2045	13,851	0	40	554	14,365
2046	14,365	0	38	575	14,902
2047	14,902	0	38	596	15,460
2048	15,460	0	38	618	16,040
2049	16,040	0	38	642	16,644
2050	16,644	0	38	666	17,272
2051	17,272	0	38	691	17,925
2052	17,925	0	38	717	18,604
2053	18,604	0	38	744	19,310
2054	19,310	0	38	772	20,045
2055	20,045	0	38	802	20,809
2056	20,809	0	38	832	21,604
2057	21,604	0	37	864	22,430
2058	22,430	0	37	897	23,290
2059	23,290	0	37	932	24,184
2060	24,184	0	53	967	25,098
2061	25,098	0	53	1,004	26,049
2062	26,049	0	53	1,042	27,038
2063	27,038	0	53	1,082	28,067
2064	28,067	0	54	1,123	29,136
2065	29,136	0	54	1,165	30,248
2066	30,248	0	54	1,210	31,404
2067	31,404	0	54	1,256	32,606
2068	32,606	0	54	1,304	33,857
2069	33,857	0	54	1,354	35,157
2070	35,157	0	54	1,406	36,509
2071	36,509	0	36	1,460	37,934
2072	37,934	0	32	1,517	39,419
2073	39,419	0	32	1,577	40,964
2074	40,964	0	32	1,639	42,572
2075	42,572	0	32	1,703	44,243
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					\$44,243

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	184	4,971
1996	4,971	555	451	199	5,274
1997	5,274	539	492	211	5,532
1998	5,532	523	520	221	5,757
1999	5,757	508	508	230	5,987
2000	5,987	494	500	239	6,219
2001	6,219	478	352	249	6,595
2002	6,595	464	316	264	7,006
2003	7,006	451	313	280	7,424
2004	7,424	437	307	297	7,851
2005	7,851	423	394	314	8,194
2006	8,194	407	459	328	8,470
2007	8,470	393	495	339	8,707
2008	8,707	370	492	348	8,934
2009	8,934	342	452	357	9,180
2010	9,180	327	462	367	9,412
2011	9,412	305	419	376	9,674
2012	9,674	294	427	387	9,928
2013	9,928	274	400	397	10,199
2014	10,199	233	397	408	10,443
2015	10,443	198	613	418	10,447
2016	10,447	188	543	418	10,510
2017	10,510	163	541	420	10,552
2018	10,552	151	543	422	10,582
2019	10,582	139	601	423	10,543
2020	10,543	135	552	422	10,549
2021	10,549	123	553	422	10,540
2022	10,540	111	545	422	10,528
2023	10,528	98	546	421	10,501
2024	10,501	85	537	420	10,469
2025	10,469	67	540	419	10,415
2026	10,415	50	547	417	10,335
2027	10,335	26	541	413	10,233
2028	10,233	15	533	409	10,124
2029	10,124	12	534	405	10,007
2030	10,007	7	543	400	9,871
2031	9,871	4	551	395	9,718
2032	9,718	4	536	389	9,575
2033	9,575	4	561	383	9,401
2034	9,401	2	546	376	9,233
2035	9,233	2	604	369	9,000
2036	9,000	0	538	360	8,823
2037	8,823	0	297	353	8,879
2038	8,879	0	290	355	8,944
2039	8,944	0	278	358	9,025

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	9,025	0	262	361	9,124
2041	9,124	0	256	365	9,233
2042	9,233	0	214	369	9,389
2043	9,389	0	40	376	9,725
2044	9,725	0	40	389	10,074
2045	10,074	0	40	403	10,437
2046	10,437	0	38	417	10,815
2047	10,815	0	38	433	11,210
2048	11,210	0	38	448	11,620
2049	11,620	0	38	465	12,047
2050	12,047	0	38	482	12,491
2051	12,491	0	38	500	12,953
2052	12,953	0	38	518	13,433
2053	13,433	0	38	537	13,933
2054	13,933	0	38	557	14,452
2055	14,452	0	38	578	14,992
2056	14,992	0	38	600	15,555
2057	15,555	0	37	622	16,139
2058	16,139	0	37	646	16,748
2059	16,748	0	37	670	17,381
2060	17,381	0	53	695	18,023
2061	18,023	0	53	721	18,691
2062	18,691	0	53	748	19,386
2063	19,386	0	53	775	20,108
2064	20,108	0	54	804	20,858
2065	20,858	0	54	834	21,638
2066	21,638	0	54	866	22,450
2067	22,450	0	54	898	23,295
2068	23,295	0	54	932	24,173
2069	24,173	0	54	967	25,086
2070	25,086	0	54	1,003	26,036
2071	26,036	0	36	1,041	27,041
2072	27,041	0	32	1,082	28,091
2073	28,091	0	32	1,124	29,184
2074	29,184	0	32	1,167	30,319
2075	30,319	0	32	1,213	31,501
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					\$31,501

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	184	4,971
1996	4,971	550	446	199	5,273
1997	5,273	529	483	211	5,531
1998	5,531	509	506	221	5,755
1999	5,755	489	490	230	5,984
2000	5,984	470	480	239	6,213
2001	6,213	451	352	249	6,561
2002	6,561	434	316	262	6,941
2003	6,941	417	313	278	7,323
2004	7,323	401	307	293	7,710
2005	7,710	384	394	308	8,008
2006	8,008	367	459	320	8,236
2007	8,236	350	495	329	8,420
2008	8,420	327	492	337	8,592
2009	8,592	299	452	344	8,783
2010	8,783	283	462	351	8,955
2011	8,955	262	419	358	9,156
2012	9,156	249	427	366	9,344
2013	9,344	230	400	374	9,548
2014	9,548	194	397	382	9,727
2015	9,727	163	613	389	9,666
2016	9,666	153	543	387	9,664
2017	9,664	132	541	387	9,641
2018	9,641	121	543	386	9,606
2019	9,606	110	601	384	9,499
2020	9,499	106	552	380	9,433
2021	9,433	96	553	377	9,353
2022	9,353	86	545	374	9,268
2023	9,268	75	546	371	9,168
2024	9,168	64	537	367	9,062
2025	9,062	50	540	362	8,934
2026	8,934	37	547	357	8,781
2027	8,781	19	541	351	8,610
2028	8,610	11	533	344	8,432
2029	8,432	8	534	337	8,242
2030	8,242	5	543	330	8,034
2031	8,034	3	551	321	7,807
2032	7,807	3	536	312	7,586
2033	7,586	3	561	303	7,331
2034	7,331	2	546	293	7,080
2035	7,080	1	604	283	6,760
2036	6,760	0	538	270	6,492
2037	6,492	0	297	260	6,456
2038	6,456	0	290	258	6,424
2039	6,424	0	278	257	6,403

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund

(in millions of 1995 dollars)

No Start-Up Delay

1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	6,403	0	262	256	6,398
2041	6,398	0	256	256	6,398
2042	6,398	0	214	256	6,441
2043	6,441	0	40	258	6,658
2044	6,658	0	40	266	6,884
2045	6,884	0	40	275	7,119
2046	7,119	0	38	285	7,366
2047	7,366	0	38	295	7,623
2048	7,623	0	38	305	7,890
2049	7,890	0	38	316	8,168
2050	8,168	0	38	327	8,457
2051	8,457	0	38	338	8,757
2052	8,757	0	38	350	9,069
2053	9,069	0	38	363	9,394
2054	9,394	0	38	376	9,733
2055	9,733	0	38	389	10,084
2056	10,084	0	38	403	10,450
2057	10,450	0	37	418	10,830
2058	10,830	0	37	433	11,226
2059	11,226	0	37	449	11,637
2060	11,637	0	53	465	12,049
2061	12,049	0	53	482	12,478
2062	12,478	0	53	499	12,924
2063	12,924	0	53	517	13,388
2064	13,388	0	54	536	13,871
2065	13,871	0	54	555	14,372
2066	14,372	0	54	575	14,893
2067	14,893	0	54	596	15,435
2068	15,435	0	54	617	15,999
2069	15,999	0	54	640	16,585
2070	16,585	0	54	663	17,194
2071	17,194	0	36	688	17,847
2072	17,847	0	32	714	18,529
2073	18,529	0	32	741	19,238
2074	19,238	0	32	770	19,977
2075	19,977	0	32	799	20,744
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
				Final NWF Balance	\$20,744

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	1
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	184	4,971
1996	4,971	545	442	199	5,273
1997	5,273	519	473	211	5,530
1998	5,530	494	492	221	5,752
1999	5,752	471	473	230	5,980
2000	5,980	448	460	239	6,207
2001	6,207	426	352	248	6,529
2002	6,529	406	316	261	6,879
2003	6,879	387	313	275	7,228
2004	7,228	368	307	289	7,578
2005	7,578	349	394	303	7,836
2006	7,836	330	459	313	8,020
2007	8,020	312	495	321	8,158
2008	8,158	288	492	326	8,281
2009	8,281	262	452	331	8,421
2010	8,421	245	462	337	8,541
2011	8,541	224	419	342	8,688
2012	8,688	212	427	348	8,821
2013	8,821	194	400	353	8,968
2014	8,968	162	397	359	9,093
2015	9,093	135	613	364	8,979
2016	8,979	125	543	359	8,920
2017	8,920	107	541	357	8,843
2018	8,843	97	543	354	8,751
2019	8,751	88	601	350	8,588
2020	8,588	83	552	344	8,464
2021	8,464	74	553	339	8,324
2022	8,324	66	545	333	8,177
2023	8,177	57	546	327	8,015
2024	8,015	49	537	321	7,848
2025	7,848	37	540	314	7,659
2026	7,659	28	547	306	7,446
2027	7,446	14	541	298	7,217
2028	7,217	8	533	289	6,981
2029	6,981	6	534	279	6,732
2030	6,732	4	543	269	6,462
2031	6,462	2	551	258	6,170
2032	6,170	2	536	247	5,884
2033	5,884	2	561	235	5,560
2034	5,560	1	546	222	5,237
2035	5,237	1	604	209	4,843
2036	4,843	0	538	194	4,499
2037	4,499	0	297	180	4,382
2038	4,382	0	290	175	4,267
2039	4,267	0	278	171	4,161

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	4,161	0	262	166	4,065
2041	4,065	0	256	163	3,972
2042	3,972	0	214	159	3,918
2043	3,918	0	40	157	4,035
2044	4,035	0	40	161	4,156
2045	4,156	0	40	166	4,282
2046	4,282	0	38	171	4,415
2047	4,415	0	38	177	4,553
2048	4,553	0	38	182	4,697
2049	4,697	0	38	188	4,847
2050	4,847	0	38	194	5,003
2051	5,003	0	38	200	5,165
2052	5,165	0	38	207	5,335
2053	5,335	0	38	213	5,510
2054	5,510	0	38	220	5,692
2055	5,692	0	38	228	5,883
2056	5,883	0	38	235	6,080
2057	6,080	0	37	243	6,286
2058	6,286	0	37	251	6,499
2059	6,499	0	37	260	6,722
2060	6,722	0	53	269	6,938
2061	6,938	0	53	278	7,163
2062	7,163	0	53	287	7,397
2063	7,397	0	53	296	7,640
2064	7,640	0	54	306	7,892
2065	7,892	0	54	316	8,154
2066	8,154	0	54	326	8,426
2067	8,426	0	54	337	8,710
2068	8,710	0	54	348	9,004
2069	9,004	0	54	360	9,310
2070	9,310	0	54	372	9,629
2071	9,629	0	36	385	9,978
2072	9,978	0	32	399	10,345
2073	10,345	0	32	414	10,728
2074	10,728	0	32	429	11,125
2075	11,125	0	32	445	11,539
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
2079	0	0	0	0	0
2080	0	0	0	0	0
2081	0	0	0	0	0
2082	0	0	0	0	0
2083	0	0	0	0	0
2084	0	0	0	0	0
2085	0	0	0	0	0
2086	0	0	0	0	0
2087	0	0	0	0	0
2088	0	0	0	0	0
2089	0	0	0	0	0
2090	0	0	0	0	0
2091	0	0	0	0	0
2092	0	0	0	0	0
2093	0	0	0	0	0
2094	0	0	0	0	0
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					\$11,539

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	1
	Repository Start-Up Assumption:	0

Projected End-of-Program Nuclear Waste Fund Balance
(Base Case Scenarios for TSLCC and Fee Generation
with changes to inflation rate and real interest rate)

Two Repository System

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	46	4,833
1996	4,833	561	455	48	4,986
1997	4,986	550	501	50	5,085
1998	5,085	539	545	51	5,130
1999	5,130	529	539	51	5,171
2000	5,171	518	548	52	5,193
2001	5,193	507	377	52	5,375
2002	5,375	497	344	54	5,582
2003	5,582	487	340	56	5,785
2004	5,785	478	335	58	5,986
2005	5,986	466	422	60	6,090
2006	6,090	453	487	61	6,117
2007	6,117	441	524	61	6,095
2008	6,095	421	520	61	6,057
2009	6,057	393	481	61	6,030
2010	6,030	379	466	60	6,003
2011	6,003	357	399	60	6,021
2012	6,021	347	407	60	6,021
2013	6,021	326	429	60	5,978
2014	5,978	280	463	60	5,855
2015	5,855	241	711	59	5,444
2016	5,444	230	645	54	5,082
2017	5,082	203	648	51	4,688
2018	4,688	188	662	47	4,262
2019	4,262	176	680	43	3,801
2020	3,801	173	706	38	3,306
2021	3,306	158	725	33	2,772
2022	2,772	145	723	28	2,222
2023	2,222	129	743	22	1,629
2024	1,629	113	794	16	964
2025	964	89	848	10	216
2026	216	68	889	2	(603)
2027	(603)	35	856	0	(1,424)
2028	(1,424)	20	879	0	(2,283)
2029	(2,283)	16	761	0	(3,028)
2030	(3,028)	10	476	0	(3,494)
2031	(3,494)	6	446	0	(3,934)
2032	(3,934)	6	433	0	(4,362)
2033	(4,362)	6	554	0	(4,910)
2034	(4,910)	3	586	0	(5,493)
2035	(5,493)	3	469	0	(5,960)
2036	(5,960)	0	549	0	(6,508)
2037	(6,508)	0	580	0	(7,088)
2038	(7,088)	0	444	0	(7,532)
2039	(7,532)	0	375	0	(7,907)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(7,907)	0	343	0	(8,249)
2041	(8,249)	0	493	0	(8,742)
2042	(8,742)	0	434	0	(9,176)
2043	(9,176)	0	443	0	(9,620)
2044	(9,620)	0	422	0	(10,042)
2045	(10,042)	0	434	0	(10,476)
2046	(10,476)	0	413	0	(10,889)
2047	(10,889)	0	376	0	(11,264)
2048	(11,264)	0	220	0	(11,485)
2049	(11,485)	0	88	0	(11,572)
2050	(11,572)	0	83	0	(11,656)
2051	(11,656)	0	83	0	(11,739)
2052	(11,739)	0	73	0	(11,812)
2053	(11,812)	0	73	0	(11,885)
2054	(11,885)	0	73	0	(11,958)
2055	(11,958)	0	73	0	(12,031)
2056	(12,031)	0	72	0	(12,103)
2057	(12,103)	0	72	0	(12,176)
2058	(12,176)	0	72	0	(12,248)
2059	(12,248)	0	72	0	(12,320)
2060	(12,320)	0	86	0	(12,406)
2061	(12,406)	0	87	0	(12,493)
2062	(12,493)	0	87	0	(12,580)
2063	(12,580)	0	87	0	(12,667)
2064	(12,667)	0	87	0	(12,754)
2065	(12,754)	0	87	0	(12,841)
2066	(12,841)	0	86	0	(12,927)
2067	(12,927)	0	86	0	(13,014)
2068	(13,014)	0	86	0	(13,100)
2069	(13,100)	0	69	0	(13,169)
2070	(13,169)	0	69	0	(13,238)
2071	(13,238)	0	69	0	(13,307)
2072	(13,307)	0	65	0	(13,372)
2073	(13,372)	0	65	0	(13,437)
2074	(13,437)	0	45	0	(13,482)
2075	(13,482)	0	45	0	(13,527)
2076	(13,527)	0	45	0	(13,571)
2077	(13,571)	0	45	0	(13,616)
2078	(13,616)	0	45	0	(13,661)
2079	(13,661)	0	45	0	(13,706)
2080	(13,706)	0	45	0	(13,750)
2081	(13,750)	0	45	0	(13,795)
2082	(13,795)	0	44	0	(13,839)
2083	(13,839)	0	44	0	(13,883)
2084	(13,883)	0	44	0	(13,928)
2085	(13,928)	0	44	0	(13,972)
2086	(13,972)	0	44	0	(14,016)
2087	(14,016)	0	44	0	(14,060)
2088	(14,060)	0	44	0	(14,104)
2089	(14,104)	0	64	0	(14,168)
2090	(14,168)	0	93	0	(14,262)
2091	(14,262)	0	93	0	(14,355)
2092	(14,355)	0	78	0	(14,433)
2093	(14,433)	0	78	0	(14,512)
2094	(14,512)	0	48	0	(14,559)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
				Final NWF Balance	(\$14,559)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	46	4,833
1996	4,833	555	451	48	4,985
1997	4,985	539	492	50	5,082
1998	5,082	523	531	51	5,125
1999	5,125	508	519	51	5,165
2000	5,165	494	526	52	5,184
2001	5,184	478	377	52	5,337
2002	5,337	464	344	53	5,510
2003	5,510	451	340	55	5,676
2004	5,676	437	335	57	5,835
2005	5,835	423	422	58	5,894
2006	5,894	407	487	59	5,874
2007	5,874	393	524	59	5,802
2008	5,802	370	520	58	5,710
2009	5,710	342	481	57	5,627
2010	5,627	327	466	56	5,544
2011	5,544	305	399	55	5,505
2012	5,505	294	407	55	5,447
2013	5,447	274	429	54	5,346
2014	5,346	233	463	53	5,169
2015	5,169	198	711	52	4,708
2016	4,708	188	645	47	4,298
2017	4,298	163	648	43	3,856
2018	3,856	151	662	39	3,384
2019	3,384	139	680	34	2,877
2020	2,877	135	706	29	2,335
2021	2,335	123	725	23	1,756
2022	1,756	111	723	18	1,162
2023	1,162	98	743	12	529
2024	529	85	794	5	(175)
2025	(175)	67	848	0	(956)
2026	(956)	50	889	0	(1,795)
2027	(1,795)	26	856	0	(2,625)
2028	(2,625)	15	879	0	(3,489)
2029	(3,489)	12	761	0	(4,237)
2030	(4,237)	7	476	0	(4,707)
2031	(4,707)	4	446	0	(5,149)
2032	(5,149)	4	433	0	(5,578)
2033	(5,578)	4	554	0	(6,129)
2034	(6,129)	2	586	0	(6,713)
2035	(6,713)	2	469	0	(7,180)
2036	(7,180)	0	549	0	(7,729)
2037	(7,729)	0	580	0	(8,309)
2038	(8,309)	0	444	0	(8,752)
2039	(8,752)	0	375	0	(9,127)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(9,127)	0	343	0	(9,470)
2041	(9,470)	0	493	0	(9,963)
2042	(9,963)	0	434	0	(10,397)
2043	(10,397)	0	443	0	(10,840)
2044	(10,840)	0	422	0	(11,263)
2045	(11,263)	0	434	0	(11,697)
2046	(11,697)	0	413	0	(12,109)
2047	(12,109)	0	376	0	(12,485)
2048	(12,485)	0	220	0	(12,705)
2049	(12,705)	0	88	0	(12,793)
2050	(12,793)	0	83	0	(12,876)
2051	(12,876)	0	83	0	(12,959)
2052	(12,959)	0	73	0	(13,033)
2053	(13,033)	0	73	0	(13,106)
2054	(13,106)	0	73	0	(13,179)
2055	(13,179)	0	73	0	(13,252)
2056	(13,252)	0	72	0	(13,324)
2057	(13,324)	0	72	0	(13,396)
2058	(13,396)	0	72	0	(13,468)
2059	(13,468)	0	72	0	(13,540)
2060	(13,540)	0	86	0	(13,627)
2061	(13,627)	0	87	0	(13,714)
2062	(13,714)	0	87	0	(13,801)
2063	(13,801)	0	87	0	(13,888)
2064	(13,888)	0	87	0	(13,975)
2065	(13,975)	0	87	0	(14,061)
2066	(14,061)	0	86	0	(14,148)
2067	(14,148)	0	86	0	(14,234)
2068	(14,234)	0	86	0	(14,320)
2069	(14,320)	0	69	0	(14,390)
2070	(14,390)	0	69	0	(14,459)
2071	(14,459)	0	69	0	(14,528)
2072	(14,528)	0	65	0	(14,593)
2073	(14,593)	0	65	0	(14,657)
2074	(14,657)	0	45	0	(14,702)
2075	(14,702)	0	45	0	(14,747)
2076	(14,747)	0	45	0	(14,792)
2077	(14,792)	0	45	0	(14,837)
2078	(14,837)	0	45	0	(14,882)
2079	(14,882)	0	45	0	(14,926)
2080	(14,926)	0	45	0	(14,971)
2081	(14,971)	0	45	0	(15,015)
2082	(15,015)	0	44	0	(15,060)
2083	(15,060)	0	44	0	(15,104)
2084	(15,104)	0	44	0	(15,148)
2085	(15,148)	0	44	0	(15,193)
2086	(15,193)	0	44	0	(15,237)
2087	(15,237)	0	44	0	(15,281)
2088	(15,281)	0	44	0	(15,325)
2089	(15,325)	0	64	0	(15,389)
2090	(15,389)	0	93	0	(15,482)
2091	(15,482)	0	93	0	(15,575)
2092	(15,575)	0	78	0	(15,654)
2093	(15,654)	0	78	0	(15,732)
2094	(15,732)	0	48	0	(15,780)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$15,780)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	46	4,833
1996	4,833	550	446	48	4,984
1997	4,984	529	483	50	5,081
1998	5,081	509	517	51	5,123
1999	5,123	489	502	51	5,162
2000	5,162	470	506	52	5,178
2001	5,178	451	377	52	5,304
2002	5,304	434	344	53	5,447
2003	5,447	417	340	54	5,578
2004	5,578	401	335	56	5,700
2005	5,700	384	422	57	5,719
2006	5,719	367	487	57	5,656
2007	5,656	350	524	57	5,539
2008	5,539	327	520	55	5,401
2009	5,401	299	481	54	5,273
2010	5,273	283	466	53	5,143
2011	5,143	262	399	51	5,057
2012	5,057	249	407	51	4,950
2013	4,950	230	429	49	4,800
2014	4,800	194	463	48	4,579
2015	4,579	163	711	46	4,077
2016	4,077	153	645	41	3,625
2017	3,625	132	648	36	3,145
2018	3,145	121	662	31	2,636
2019	2,636	110	680	26	2,092
2020	2,092	106	706	21	1,513
2021	1,513	96	725	15	899
2022	899	86	723	9	271
2023	271	75	743	3	(395)
2024	(395)	64	794	0	(1,125)
2025	(1,125)	50	848	0	(1,922)
2026	(1,922)	37	889	0	(2,774)
2027	(2,774)	19	856	0	(3,611)
2028	(3,611)	11	879	0	(4,479)
2029	(4,479)	8	761	0	(5,232)
2030	(5,232)	5	476	0	(5,703)
2031	(5,703)	3	446	0	(6,146)
2032	(6,146)	3	433	0	(6,577)
2033	(6,577)	3	554	0	(7,128)
2034	(7,128)	2	586	0	(7,712)
2035	(7,712)	1	469	0	(8,181)
2036	(8,181)	0	549	0	(8,729)
2037	(8,729)	0	580	0	(9,309)
2038	(9,309)	0	444	0	(9,753)
2039	(9,753)	0	375	0	(10,127)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(10,127)	0	343	0	(10,470)
2041	(10,470)	0	493	0	(10,963)
2042	(10,963)	0	434	0	(11,397)
2043	(11,397)	0	443	0	(11,840)
2044	(11,840)	0	422	0	(12,263)
2045	(12,263)	0	434	0	(12,697)
2046	(12,697)	0	413	0	(13,110)
2047	(13,110)	0	376	0	(13,485)
2048	(13,485)	0	220	0	(13,706)
2049	(13,706)	0	88	0	(13,793)
2050	(13,793)	0	83	0	(13,877)
2051	(13,877)	0	83	0	(13,960)
2052	(13,960)	0	73	0	(14,033)
2053	(14,033)	0	73	0	(14,106)
2054	(14,106)	0	73	0	(14,179)
2055	(14,179)	0	73	0	(14,252)
2056	(14,252)	0	72	0	(14,324)
2057	(14,324)	0	72	0	(14,397)
2058	(14,397)	0	72	0	(14,469)
2059	(14,469)	0	72	0	(14,541)
2060	(14,541)	0	86	0	(14,627)
2061	(14,627)	0	87	0	(14,714)
2062	(14,714)	0	87	0	(14,801)
2063	(14,801)	0	87	0	(14,888)
2064	(14,888)	0	87	0	(14,975)
2065	(14,975)	0	87	0	(15,062)
2066	(15,062)	0	86	0	(15,148)
2067	(15,148)	0	86	0	(15,235)
2068	(15,235)	0	86	0	(15,321)
2069	(15,321)	0	69	0	(15,390)
2070	(15,390)	0	69	0	(15,459)
2071	(15,459)	0	69	0	(15,528)
2072	(15,528)	0	65	0	(15,593)
2073	(15,593)	0	65	0	(15,658)
2074	(15,658)	0	45	0	(15,703)
2075	(15,703)	0	45	0	(15,747)
2076	(15,747)	0	45	0	(15,792)
2077	(15,792)	0	45	0	(15,837)
2078	(15,837)	0	45	0	(15,882)
2079	(15,882)	0	45	0	(15,926)
2080	(15,926)	0	45	0	(15,971)
2081	(15,971)	0	44	0	(16,016)
2082	(16,016)	0	44	0	(16,060)
2083	(16,060)	0	44	0	(16,104)
2084	(16,104)	0	44	0	(16,149)
2085	(16,149)	0	44	0	(16,193)
2086	(16,193)	0	44	0	(16,237)
2087	(16,237)	0	44	0	(16,281)
2088	(16,281)	0	44	0	(16,325)
2089	(16,325)	0	64	0	(16,389)
2090	(16,389)	0	93	0	(16,482)
2091	(16,482)	0	93	0	(16,576)
2092	(16,576)	0	78	0	(16,654)
2093	(16,654)	0	78	0	(16,732)
2094	(16,732)	0	48	0	(16,780)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$16,780)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	1.00%
Nuclear Power Plants Assumption 1 = Currently operating power plants only. 2 = Currently operating and planned power plants.	1
Number of Repositories Assumption 1 = One repository. 2 = Two repositories.	2
Repository Start-Up Assumption 0 = No delay. 1 = 3 year delay. 2 = 5 year delay.	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	46	4,833
1996	4,833	545	442	48	4,984
1997	4,984	519	473	50	5,080
1998	5,080	494	504	51	5,121
1999	5,121	471	485	51	5,158
2000	5,158	448	486	52	5,171
2001	5,171	426	377	52	5,273
2002	5,273	406	344	53	5,387
2003	5,387	387	340	54	5,488
2004	5,488	368	335	55	5,576
2005	5,576	349	422	56	5,559
2006	5,559	330	487	56	5,459
2007	5,459	312	524	55	5,302
2008	5,302	288	520	53	5,123
2009	5,123	262	481	51	4,954
2010	4,954	245	466	50	4,783
2011	4,783	224	399	48	4,656
2012	4,656	212	407	47	4,508
2013	4,508	194	429	45	4,318
2014	4,318	162	463	43	4,060
2015	4,060	135	711	41	3,525
2016	3,525	125	645	35	3,040
2017	3,040	107	648	30	2,529
2018	2,529	97	662	25	1,989
2019	1,989	88	680	20	1,417
2020	1,417	83	706	14	808
2021	808	74	725	8	165
2022	165	66	723	2	(490)
2023	(490)	57	743	0	(1,176)
2024	(1,176)	49	794	0	(1,921)
2025	(1,921)	37	848	0	(2,732)
2026	(2,732)	28	889	0	(3,593)
2027	(3,593)	14	856	0	(4,435)
2028	(4,435)	8	879	0	(5,305)
2029	(5,305)	6	761	0	(6,060)
2030	(6,060)	4	476	0	(6,533)
2031	(6,533)	2	446	0	(6,977)
2032	(6,977)	2	433	0	(7,408)
2033	(7,408)	2	554	0	(7,961)
2034	(7,961)	1	586	0	(8,546)
2035	(8,546)	1	469	0	(9,014)
2036	(9,014)	0	549	0	(9,563)
2037	(9,563)	0	580	0	(10,142)
2038	(10,142)	0	444	0	(10,586)
2039	(10,586)	0	375	0	(10,961)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(10,961)	0	343	0	(11,304)
2041	(11,304)	0	493	0	(11,797)
2042	(11,797)	0	434	0	(12,231)
2043	(12,231)	0	443	0	(12,674)
2044	(12,674)	0	422	0	(13,096)
2045	(13,096)	0	434	0	(13,530)
2046	(13,530)	0	413	0	(13,943)
2047	(13,943)	0	376	0	(14,319)
2048	(14,319)	0	220	0	(14,539)
2049	(14,539)	0	88	0	(14,627)
2050	(14,627)	0	83	0	(14,710)
2051	(14,710)	0	83	0	(14,793)
2052	(14,793)	0	73	0	(14,867)
2053	(14,867)	0	73	0	(14,940)
2054	(14,940)	0	73	0	(15,013)
2055	(15,013)	0	73	0	(15,085)
2056	(15,085)	0	72	0	(15,158)
2057	(15,158)	0	72	0	(15,230)
2058	(15,230)	0	72	0	(15,302)
2059	(15,302)	0	72	0	(15,374)
2060	(15,374)	0	86	0	(15,461)
2061	(15,461)	0	87	0	(15,548)
2062	(15,548)	0	87	0	(15,635)
2063	(15,635)	0	87	0	(15,722)
2064	(15,722)	0	87	0	(15,809)
2065	(15,809)	0	87	0	(15,895)
2066	(15,895)	0	86	0	(15,982)
2067	(15,982)	0	86	0	(16,068)
2068	(16,068)	0	86	0	(16,154)
2069	(16,154)	0	69	0	(16,224)
2070	(16,224)	0	69	0	(16,293)
2071	(16,293)	0	69	0	(16,362)
2072	(16,362)	0	65	0	(16,426)
2073	(16,426)	0	65	0	(16,491)
2074	(16,491)	0	45	0	(16,536)
2075	(16,536)	0	45	0	(16,581)
2076	(16,581)	0	45	0	(16,626)
2077	(16,626)	0	45	0	(16,671)
2078	(16,671)	0	45	0	(16,715)
2079	(16,715)	0	45	0	(16,760)
2080	(16,760)	0	45	0	(16,805)
2081	(16,805)	0	45	0	(16,849)
2082	(16,849)	0	44	0	(16,894)
2083	(16,894)	0	44	0	(16,938)
2084	(16,938)	0	44	0	(16,982)
2085	(16,982)	0	44	0	(17,026)
2086	(17,026)	0	44	0	(17,071)
2087	(17,071)	0	44	0	(17,115)
2088	(17,115)	0	44	0	(17,159)
2089	(17,159)	0	64	0	(17,223)
2090	(17,223)	0	93	0	(17,316)
2091	(17,316)	0	93	0	(17,409)
2092	(17,409)	0	78	0	(17,488)
2093	(17,488)	0	78	0	(17,566)
2094	(17,566)	0	48	0	(17,614)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$17,614)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	1.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	561	455	98	5,082
1997	5,082	550	501	102	5,233
1998	5,233	539	545	105	5,332
1999	5,332	529	539	107	5,429
2000	5,429	518	548	109	5,508
2001	5,508	507	377	110	5,748
2002	5,748	497	344	115	6,016
2003	6,016	487	340	120	6,283
2004	6,283	478	335	126	6,552
2005	6,552	466	422	131	6,727
2006	6,727	453	487	135	6,828
2007	6,828	441	524	137	6,882
2008	6,882	421	520	138	6,921
2009	6,921	393	481	138	6,971
2010	6,971	379	466	139	7,023
2011	7,023	357	399	140	7,121
2012	7,121	347	407	142	7,203
2013	7,203	326	429	144	7,244
2014	7,244	280	463	145	7,206
2015	7,206	241	711	144	6,880
2016	6,880	230	645	138	6,602
2017	6,602	203	648	132	6,289
2018	6,289	188	662	126	5,942
2019	5,942	176	680	119	5,557
2020	5,557	173	706	111	5,135
2021	5,135	158	725	103	4,671
2022	4,671	145	723	93	4,186
2023	4,186	129	743	84	3,655
2024	3,655	113	794	73	3,047
2025	3,047	89	848	61	2,350
2026	2,350	68	889	47	1,576
2027	1,576	35	856	32	787
2028	787	20	879	16	(56)
2029	(56)	16	761	0	(801)
2030	(801)	10	476	0	(1,267)
2031	(1,267)	6	446	0	(1,707)
2032	(1,707)	6	433	0	(2,135)
2033	(2,135)	6	554	0	(2,683)
2034	(2,683)	3	586	0	(3,266)
2035	(3,266)	3	469	0	(3,733)
2036	(3,733)	0	549	0	(4,281)
2037	(4,281)	0	580	0	(4,861)
2038	(4,861)	0	444	0	(5,305)
2039	(5,305)	0	375	0	(5,680)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,680)	0	343	0	(6,022)
2041	(6,022)	0	493	0	(6,515)
2042	(6,515)	0	434	0	(6,949)
2043	(6,949)	0	443	0	(7,393)
2044	(7,393)	0	422	0	(7,815)
2045	(7,815)	0	434	0	(8,249)
2046	(8,249)	0	413	0	(8,662)
2047	(8,662)	0	376	0	(9,037)
2048	(9,037)	0	220	0	(9,258)
2049	(9,258)	0	88	0	(9,345)
2050	(9,345)	0	83	0	(9,429)
2051	(9,429)	0	83	0	(9,512)
2052	(9,512)	0	73	0	(9,585)
2053	(9,585)	0	73	0	(9,658)
2054	(9,658)	0	73	0	(9,731)
2055	(9,731)	0	73	0	(9,804)
2056	(9,804)	0	72	0	(9,876)
2057	(9,876)	0	72	0	(9,949)
2058	(9,949)	0	72	0	(10,021)
2059	(10,021)	0	72	0	(10,093)
2060	(10,093)	0	86	0	(10,179)
2061	(10,179)	0	87	0	(10,266)
2062	(10,266)	0	87	0	(10,353)
2063	(10,353)	0	87	0	(10,440)
2064	(10,440)	0	87	0	(10,527)
2065	(10,527)	0	87	0	(10,614)
2066	(10,614)	0	86	0	(10,700)
2067	(10,700)	0	86	0	(10,787)
2068	(10,787)	0	86	0	(10,873)
2069	(10,873)	0	69	0	(10,942)
2070	(10,942)	0	69	0	(11,011)
2071	(11,011)	0	69	0	(11,080)
2072	(11,080)	0	65	0	(11,145)
2073	(11,145)	0	65	0	(11,210)
2074	(11,210)	0	45	0	(11,255)
2075	(11,255)	0	45	0	(11,300)
2076	(11,300)	0	45	0	(11,344)
2077	(11,344)	0	45	0	(11,389)
2078	(11,389)	0	45	0	(11,434)
2079	(11,434)	0	45	0	(11,479)
2080	(11,479)	0	45	0	(11,523)
2081	(11,523)	0	45	0	(11,568)
2082	(11,568)	0	44	0	(11,612)
2083	(11,612)	0	44	0	(11,656)
2084	(11,656)	0	44	0	(11,701)
2085	(11,701)	0	44	0	(11,745)
2086	(11,745)	0	44	0	(11,789)
2087	(11,789)	0	44	0	(11,833)
2088	(11,833)	0	44	0	(11,877)
2089	(11,877)	0	64	0	(11,941)
2090	(11,941)	0	93	0	(12,035)
2091	(12,035)	0	93	0	(12,128)
2092	(12,128)	0	78	0	(12,206)
2093	(12,206)	0	78	0	(12,285)
2094	(12,285)	0	48	0	(12,332)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$12,332)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	555	451	98	5,081
1997	5,081	539	492	102	5,230
1998	5,230	523	531	105	5,327
1999	5,327	508	519	107	5,423
2000	5,423	494	526	108	5,498
2001	5,498	478	377	110	5,709
2002	5,709	464	344	114	5,943
2003	5,943	451	340	119	6,173
2004	6,173	437	335	123	6,398
2005	6,398	423	422	128	6,527
2006	6,527	407	487	131	6,579
2007	6,579	393	524	132	6,580
2008	6,580	370	520	132	6,562
2009	6,562	342	481	131	6,553
2010	6,553	327	466	131	6,545
2011	6,545	305	399	131	6,582
2012	6,582	294	407	132	6,601
2013	6,601	274	429	132	6,578
2014	6,578	233	463	132	6,480
2015	6,480	198	711	130	6,097
2016	6,097	188	645	122	5,762
2017	5,762	163	648	115	5,392
2018	5,392	151	662	108	4,989
2019	4,989	139	680	100	4,548
2020	4,548	135	706	91	4,068
2021	4,068	123	725	81	3,547
2022	3,547	111	723	71	3,006
2023	3,006	98	743	60	2,421
2024	2,421	85	794	48	1,760
2025	1,760	67	848	35	1,014
2026	1,014	50	889	20	195
2027	195	26	856	4	(631)
2028	(631)	15	879	0	(1,495)
2029	(1,495)	12	761	0	(2,243)
2030	(2,243)	7	476	0	(2,713)
2031	(2,713)	4	446	0	(3,155)
2032	(3,155)	4	433	0	(3,584)
2033	(3,584)	4	554	0	(4,135)
2034	(4,135)	2	586	0	(4,719)
2035	(4,719)	2	469	0	(5,186)
2036	(5,186)	0	549	0	(5,735)
2037	(5,735)	0	580	0	(6,315)
2038	(6,315)	0	444	0	(6,758)
2039	(6,758)	0	375	0	(7,133)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(7,133)	0	343	0	(7,476)
2041	(7,476)	0	493	0	(7,969)
2042	(7,969)	0	434	0	(8,403)
2043	(8,403)	0	443	0	(8,846)
2044	(8,846)	0	422	0	(9,269)
2045	(9,269)	0	434	0	(9,703)
2046	(9,703)	0	413	0	(10,115)
2047	(10,115)	0	376	0	(10,491)
2048	(10,491)	0	220	0	(10,711)
2049	(10,711)	0	88	0	(10,799)
2050	(10,799)	0	83	0	(10,882)
2051	(10,882)	0	83	0	(10,965)
2052	(10,965)	0	73	0	(11,039)
2053	(11,039)	0	73	0	(11,112)
2054	(11,112)	0	73	0	(11,185)
2055	(11,185)	0	73	0	(11,258)
2056	(11,258)	0	72	0	(11,330)
2057	(11,330)	0	72	0	(11,402)
2058	(11,402)	0	72	0	(11,474)
2059	(11,474)	0	72	0	(11,546)
2060	(11,546)	0	86	0	(11,633)
2061	(11,633)	0	87	0	(11,720)
2062	(11,720)	0	87	0	(11,807)
2063	(11,807)	0	87	0	(11,894)
2064	(11,894)	0	87	0	(11,981)
2065	(11,981)	0	87	0	(12,067)
2066	(12,067)	0	86	0	(12,154)
2067	(12,154)	0	86	0	(12,240)
2068	(12,240)	0	86	0	(12,326)
2069	(12,326)	0	69	0	(12,396)
2070	(12,396)	0	69	0	(12,465)
2071	(12,465)	0	69	0	(12,534)
2072	(12,534)	0	65	0	(12,599)
2073	(12,599)	0	65	0	(12,663)
2074	(12,663)	0	45	0	(12,708)
2075	(12,708)	0	45	0	(12,753)
2076	(12,753)	0	45	0	(12,798)
2077	(12,798)	0	45	0	(12,843)
2078	(12,843)	0	45	0	(12,888)
2079	(12,888)	0	45	0	(12,932)
2080	(12,932)	0	45	0	(12,977)
2081	(12,977)	0	45	0	(13,021)
2082	(13,021)	0	44	0	(13,066)
2083	(13,066)	0	44	0	(13,110)
2084	(13,110)	0	44	0	(13,154)
2085	(13,154)	0	44	0	(13,199)
2086	(13,199)	0	44	0	(13,243)
2087	(13,243)	0	44	0	(13,287)
2088	(13,287)	0	44	0	(13,331)
2089	(13,331)	0	64	0	(13,395)
2090	(13,395)	0	93	0	(13,488)
2091	(13,488)	0	93	0	(13,581)
2092	(13,581)	0	78	0	(13,660)
2093	(13,660)	0	78	0	(13,738)
2094	(13,738)	0	48	0	(13,786)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(S13,786)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	550	446	98	5,080
1997	5,080	529	483	102	5,229
1998	5,229	509	517	105	5,325
1999	5,325	489	502	107	5,420
2000	5,420	470	506	108	5,492
2001	5,492	451	377	110	5,676
2002	5,676	434	344	114	5,880
2003	5,880	417	340	118	6,075
2004	6,075	401	335	121	6,262
2005	6,262	384	422	125	6,349
2006	6,349	367	487	127	6,356
2007	6,356	350	524	127	6,309
2008	6,309	327	520	126	6,242
2009	6,242	299	481	125	6,185
2010	6,185	283	466	124	6,126
2011	6,126	262	399	123	6,112
2012	6,112	249	407	122	6,076
2013	6,076	230	429	122	5,999
2014	5,999	194	463	120	5,850
2015	5,850	163	711	117	5,419
2016	5,419	153	645	108	5,034
2017	5,034	132	648	101	4,619
2018	4,619	121	662	92	4,171
2019	4,171	110	680	83	3,684
2020	3,684	106	706	74	3,158
2021	3,158	96	725	63	2,592
2022	2,592	86	723	52	2,007
2023	2,007	75	743	40	1,378
2024	1,378	64	794	28	676
2025	676	50	848	14	(107)
2026	(107)	37	889	0	(959)
2027	(959)	19	856	0	(1,796)
2028	(1,796)	11	879	0	(2,664)
2029	(2,664)	8	761	0	(3,417)
2030	(3,417)	5	476	0	(3,888)
2031	(3,888)	3	446	0	(4,331)
2032	(4,331)	3	433	0	(4,762)
2033	(4,762)	3	554	0	(5,313)
2034	(5,313)	2	586	0	(5,897)
2035	(5,897)	1	469	0	(6,366)
2036	(6,366)	0	549	0	(6,914)
2037	(6,914)	0	580	0	(7,494)
2038	(7,494)	0	444	0	(7,938)
2039	(7,938)	0	375	0	(8,312)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(8,312)	0	343	0	(8,655)
2041	(8,655)	0	493	0	(9,148)
2042	(9,148)	0	434	0	(9,582)
2043	(9,582)	0	443	0	(10,025)
2044	(10,025)	0	422	0	(10,448)
2045	(10,448)	0	434	0	(10,882)
2046	(10,882)	0	413	0	(11,295)
2047	(11,295)	0	376	0	(11,670)
2048	(11,670)	0	220	0	(11,891)
2049	(11,891)	0	88	0	(11,978)
2050	(11,978)	0	83	0	(12,062)
2051	(12,062)	0	83	0	(12,145)
2052	(12,145)	0	73	0	(12,218)
2053	(12,218)	0	73	0	(12,291)
2054	(12,291)	0	73	0	(12,364)
2055	(12,364)	0	73	0	(12,437)
2056	(12,437)	0	72	0	(12,509)
2057	(12,509)	0	72	0	(12,582)
2058	(12,582)	0	72	0	(12,654)
2059	(12,654)	0	72	0	(12,726)
2060	(12,726)	0	86	0	(12,812)
2061	(12,812)	0	87	0	(12,899)
2062	(12,899)	0	87	0	(12,986)
2063	(12,986)	0	87	0	(13,073)
2064	(13,073)	0	87	0	(13,160)
2065	(13,160)	0	87	0	(13,247)
2066	(13,247)	0	86	0	(13,333)
2067	(13,333)	0	86	0	(13,420)
2068	(13,420)	0	86	0	(13,506)
2069	(13,506)	0	69	0	(13,575)
2070	(13,575)	0	69	0	(13,644)
2071	(13,644)	0	69	0	(13,713)
2072	(13,713)	0	65	0	(13,778)
2073	(13,778)	0	65	0	(13,843)
2074	(13,843)	0	45	0	(13,888)
2075	(13,888)	0	45	0	(13,932)
2076	(13,932)	0	45	0	(13,977)
2077	(13,977)	0	45	0	(14,022)
2078	(14,022)	0	45	0	(14,067)
2079	(14,067)	0	45	0	(14,111)
2080	(14,111)	0	45	0	(14,156)
2081	(14,156)	0	45	0	(14,201)
2082	(14,201)	0	44	0	(14,245)
2083	(14,245)	0	44	0	(14,289)
2084	(14,289)	0	44	0	(14,334)
2085	(14,334)	0	44	0	(14,378)
2086	(14,378)	0	44	0	(14,422)
2087	(14,422)	0	44	0	(14,466)
2088	(14,466)	0	44	0	(14,510)
2089	(14,510)	0	64	0	(14,574)
2090	(14,574)	0	93	0	(14,667)
2091	(14,667)	0	93	0	(14,761)
2092	(14,761)	0	78	0	(14,839)
2093	(14,839)	0	78	0	(14,917)
2094	(14,917)	0	48	0	(14,965)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
 (in millions of 1995 dollars)
 No Start-Up Delay
 1983 - 2099

<u>Year</u>	<u>NWF Starting Balance</u>	<u>Fee Income</u>	<u>Civilian Portion of Total Cost</u>	<u>Interest Income on Prior Ending Balance</u> (a)	<u>NWF Ending Balance</u>
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
				Final NWF Balance	(\$14,965)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
 (b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	2.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	92	4,879
1996	4,879	545	442	98	5,080
1997	5,080	519	473	102	5,228
1998	5,228	494	504	105	5,323
1999	5,323	471	485	106	5,415
2000	5,415	448	486	108	5,484
2001	5,484	426	377	110	5,644
2002	5,644	406	344	113	5,818
2003	5,818	387	340	116	5,981
2004	5,981	368	335	120	6,134
2005	6,134	349	422	123	6,184
2006	6,184	330	487	124	6,152
2007	6,152	312	524	123	6,063
2008	6,063	288	520	121	5,952
2009	5,952	262	481	119	5,851
2010	5,851	245	466	117	5,747
2011	5,747	224	399	115	5,687
2012	5,687	212	407	114	5,606
2013	5,606	194	429	112	5,483
2014	5,483	162	463	110	5,292
2015	5,292	135	711	106	4,822
2016	4,822	125	645	96	4,398
2017	4,398	107	648	88	3,945
2018	3,945	97	662	79	3,459
2019	3,459	88	680	69	2,936
2020	2,936	83	706	59	2,372
2021	2,372	74	725	47	1,768
2022	1,768	66	723	35	1,146
2023	1,146	57	743	23	483
2024	483	49	794	10	(252)
2025	(252)	37	848	0	(1,063)
2026	(1,063)	28	889	0	(1,924)
2027	(1,924)	14	856	0	(2,766)
2028	(2,766)	8	879	0	(3,636)
2029	(3,636)	6	761	0	(4,391)
2030	(4,391)	4	476	0	(4,864)
2031	(4,864)	2	446	0	(5,308)
2032	(5,308)	2	433	0	(5,739)
2033	(5,739)	2	554	0	(6,292)
2034	(6,292)	1	586	0	(6,877)
2035	(6,877)	1	469	0	(7,345)
2036	(7,345)	0	549	0	(7,894)
2037	(7,894)	0	580	0	(8,473)
2038	(8,473)	0	444	0	(8,917)
2039	(8,917)	0	375	0	(9,292)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(9,292)	0	343	0	(9,635)
2041	(9,635)	0	493	0	(10,128)
2042	(10,128)	0	434	0	(10,562)
2043	(10,562)	0	443	0	(11,005)
2044	(11,005)	0	422	0	(11,427)
2045	(11,427)	0	434	0	(11,861)
2046	(11,861)	0	413	0	(12,274)
2047	(12,274)	0	376	0	(12,650)
2048	(12,650)	0	220	0	(12,870)
2049	(12,870)	0	88	0	(12,958)
2050	(12,958)	0	83	0	(13,041)
2051	(13,041)	0	83	0	(13,124)
2052	(13,124)	0	73	0	(13,198)
2053	(13,198)	0	73	0	(13,271)
2054	(13,271)	0	73	0	(13,344)
2055	(13,344)	0	73	0	(13,416)
2056	(13,416)	0	72	0	(13,489)
2057	(13,489)	0	72	0	(13,561)
2058	(13,561)	0	72	0	(13,633)
2059	(13,633)	0	72	0	(13,705)
2060	(13,705)	0	86	0	(13,792)
2061	(13,792)	0	87	0	(13,879)
2062	(13,879)	0	87	0	(13,966)
2063	(13,966)	0	87	0	(14,053)
2064	(14,053)	0	87	0	(14,140)
2065	(14,140)	0	87	0	(14,226)
2066	(14,226)	0	86	0	(14,313)
2067	(14,313)	0	86	0	(14,399)
2068	(14,399)	0	86	0	(14,485)
2069	(14,485)	0	69	0	(14,555)
2070	(14,555)	0	69	0	(14,624)
2071	(14,624)	0	69	0	(14,693)
2072	(14,693)	0	65	0	(14,757)
2073	(14,757)	0	65	0	(14,822)
2074	(14,822)	0	45	0	(14,867)
2075	(14,867)	0	45	0	(14,912)
2076	(14,912)	0	45	0	(14,957)
2077	(14,957)	0	45	0	(15,002)
2078	(15,002)	0	45	0	(15,046)
2079	(15,046)	0	45	0	(15,091)
2080	(15,091)	0	45	0	(15,136)
2081	(15,136)	0	45	0	(15,180)
2082	(15,180)	0	44	0	(15,225)
2083	(15,225)	0	44	0	(15,269)
2084	(15,269)	0	44	0	(15,313)
2085	(15,313)	0	44	0	(15,357)
2086	(15,357)	0	44	0	(15,402)
2087	(15,402)	0	44	0	(15,446)
2088	(15,446)	0	44	0	(15,490)
2089	(15,490)	0	64	0	(15,554)
2090	(15,554)	0	93	0	(15,647)
2091	(15,647)	0	93	0	(15,740)
2092	(15,740)	0	78	0	(15,819)
2093	(15,819)	0	78	0	(15,897)
2094	(15,897)	0	48	0	(15,945)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$15,945)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	2.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	561	455	148	5,178
1997	5,178	550	501	155	5,382
1998	5,382	539	545	161	5,537
1999	5,537	529	539	166	5,693
2000	5,693	518	548	171	5,834
2001	5,834	507	377	175	6,139
2002	6,139	497	344	184	6,476
2003	6,476	487	340	194	6,817
2004	6,817	478	335	204	7,164
2005	7,164	466	422	215	7,423
2006	7,423	453	487	223	7,612
2007	7,612	441	524	228	7,757
2008	7,757	421	520	233	7,891
2009	7,891	393	481	237	8,040
2010	8,040	379	466	241	8,194
2011	8,194	357	399	246	8,398
2012	8,398	347	407	252	8,590
2013	8,590	326	429	258	8,745
2014	8,745	280	463	262	8,824
2015	8,824	241	711	265	8,619
2016	8,619	230	645	259	8,462
2017	8,462	203	648	254	8,271
2018	8,271	188	662	248	8,046
2019	8,046	176	680	241	7,783
2020	7,783	173	706	233	7,483
2021	7,483	158	725	224	7,140
2022	7,140	145	723	214	6,776
2023	6,776	129	743	203	6,364
2024	6,364	113	794	191	5,874
2025	5,874	89	848	176	5,292
2026	5,292	68	889	159	4,630
2027	4,630	35	856	139	3,948
2028	3,948	20	879	118	3,207
2029	3,207	16	761	96	2,558
2030	2,558	10	476	77	2,169
2031	2,169	6	446	65	1,794
2032	1,794	6	433	54	1,420
2033	1,420	6	554	43	915
2034	915	3	586	27	359
2035	359	3	469	11	(97)
2036	(97)	0	549	0	(645)
2037	(645)	0	580	0	(1,225)
2038	(1,225)	0	444	0	(1,669)
2039	(1,669)	0	375	0	(2,044)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(2,044)	0	343	0	(2,386)
2041	(2,386)	0	493	0	(2,879)
2042	(2,879)	0	434	0	(3,313)
2043	(3,313)	0	443	0	(3,757)
2044	(3,757)	0	422	0	(4,179)
2045	(4,179)	0	434	0	(4,613)
2046	(4,613)	0	413	0	(5,026)
2047	(5,026)	0	376	0	(5,401)
2048	(5,401)	0	220	0	(5,622)
2049	(5,622)	0	88	0	(5,709)
2050	(5,709)	0	83	0	(5,793)
2051	(5,793)	0	83	0	(5,876)
2052	(5,876)	0	73	0	(5,949)
2053	(5,949)	0	73	0	(6,022)
2054	(6,022)	0	73	0	(6,095)
2055	(6,095)	0	73	0	(6,168)
2056	(6,168)	0	72	0	(6,240)
2057	(6,240)	0	72	0	(6,313)
2058	(6,313)	0	72	0	(6,385)
2059	(6,385)	0	72	0	(6,457)
2060	(6,457)	0	86	0	(6,543)
2061	(6,543)	0	87	0	(6,630)
2062	(6,630)	0	87	0	(6,717)
2063	(6,717)	0	87	0	(6,804)
2064	(6,804)	0	87	0	(6,891)
2065	(6,891)	0	87	0	(6,978)
2066	(6,978)	0	86	0	(7,064)
2067	(7,064)	0	86	0	(7,151)
2068	(7,151)	0	86	0	(7,237)
2069	(7,237)	0	69	0	(7,306)
2070	(7,306)	0	69	0	(7,375)
2071	(7,375)	0	69	0	(7,444)
2072	(7,444)	0	65	0	(7,509)
2073	(7,509)	0	65	0	(7,574)
2074	(7,574)	0	45	0	(7,619)
2075	(7,619)	0	45	0	(7,664)
2076	(7,664)	0	45	0	(7,708)
2077	(7,708)	0	45	0	(7,753)
2078	(7,753)	0	45	0	(7,798)
2079	(7,798)	0	45	0	(7,843)
2080	(7,843)	0	45	0	(7,887)
2081	(7,887)	0	45	0	(7,932)
2082	(7,932)	0	44	0	(7,976)
2083	(7,976)	0	44	0	(8,020)
2084	(8,020)	0	44	0	(8,065)
2085	(8,065)	0	44	0	(8,109)
2086	(8,109)	0	44	0	(8,153)
2087	(8,153)	0	44	0	(8,197)
2088	(8,197)	0	44	0	(8,241)
2089	(8,241)	0	64	0	(8,305)
2090	(8,305)	0	93	0	(8,399)
2091	(8,399)	0	93	0	(8,492)
2092	(8,492)	0	78	0	(8,570)
2093	(8,570)	0	78	0	(8,649)
2094	(8,649)	0	48	0	(8,696)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$8,696)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	555	451	148	5,177
1997	5,177	539	492	155	5,379
1998	5,379	523	531	161	5,532
1999	5,532	508	519	166	5,687
2000	5,687	494	526	171	5,825
2001	5,825	478	377	175	6,101
2002	6,101	464	344	183	6,404
2003	6,404	451	340	192	6,707
2004	6,707	437	335	201	7,010
2005	7,010	423	422	210	7,221
2006	7,221	407	487	217	7,359
2007	7,359	393	524	221	7,449
2008	7,449	370	520	223	7,522
2009	7,522	342	481	226	7,608
2010	7,608	327	466	228	7,697
2011	7,697	305	399	231	7,834
2012	7,834	294	407	235	7,956
2013	7,956	274	429	239	8,040
2014	8,040	233	463	241	8,051
2015	8,051	198	711	242	7,780
2016	7,780	188	645	233	7,556
2017	7,556	163	648	227	7,298
2018	7,298	151	662	219	7,006
2019	7,006	139	680	210	6,675
2020	6,675	135	706	200	6,304
2021	6,304	123	725	189	5,891
2022	5,891	111	723	177	5,456
2023	5,456	98	743	164	4,975
2024	4,975	85	794	149	4,415
2025	4,415	67	848	132	3,766
2026	3,766	50	889	113	3,040
2027	3,040	26	856	91	2,301
2028	2,301	15	879	69	1,506
2029	1,506	12	761	45	803
2030	803	7	476	24	357
2031	357	4	446	11	(74)
2032	(74)	4	433	0	(503)
2033	(503)	4	554	0	(1,054)
2034	(1,054)	2	586	0	(1,638)
2035	(1,638)	2	469	0	(2,105)
2036	(2,105)	0	549	0	(2,654)
2037	(2,654)	0	580	0	(3,234)
2038	(3,234)	0	444	0	(3,677)
2039	(3,677)	0	375	0	(4,052)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(4,052)	0	343	0	(4,395)
2041	(4,395)	0	493	0	(4,888)
2042	(4,888)	0	434	0	(5,322)
2043	(5,322)	0	443	0	(5,765)
2044	(5,765)	0	422	0	(6,188)
2045	(6,188)	0	434	0	(6,622)
2046	(6,622)	0	413	0	(7,034)
2047	(7,034)	0	376	0	(7,410)
2048	(7,410)	0	220	0	(7,630)
2049	(7,630)	0	88	0	(7,718)
2050	(7,718)	0	83	0	(7,801)
2051	(7,801)	0	83	0	(7,884)
2052	(7,884)	0	73	0	(7,958)
2053	(7,958)	0	73	0	(8,031)
2054	(8,031)	0	73	0	(8,104)
2055	(8,104)	0	73	0	(8,177)
2056	(8,177)	0	72	0	(8,249)
2057	(8,249)	0	72	0	(8,321)
2058	(8,321)	0	72	0	(8,393)
2059	(8,393)	0	72	0	(8,465)
2060	(8,465)	0	86	0	(8,552)
2061	(8,552)	0	87	0	(8,639)
2062	(8,639)	0	87	0	(8,726)
2063	(8,726)	0	87	0	(8,813)
2064	(8,813)	0	87	0	(8,900)
2065	(8,900)	0	87	0	(8,986)
2066	(8,986)	0	86	0	(9,073)
2067	(9,073)	0	86	0	(9,159)
2068	(9,159)	0	86	0	(9,245)
2069	(9,245)	0	69	0	(9,315)
2070	(9,315)	0	69	0	(9,384)
2071	(9,384)	0	69	0	(9,453)
2072	(9,453)	0	65	0	(9,518)
2073	(9,518)	0	65	0	(9,582)
2074	(9,582)	0	45	0	(9,627)
2075	(9,627)	0	45	0	(9,672)
2076	(9,672)	0	45	0	(9,717)
2077	(9,717)	0	45	0	(9,762)
2078	(9,762)	0	45	0	(9,807)
2079	(9,807)	0	45	0	(9,851)
2080	(9,851)	0	45	0	(9,896)
2081	(9,896)	0	45	0	(9,940)
2082	(9,940)	0	44	0	(9,985)
2083	(9,985)	0	44	0	(10,029)
2084	(10,029)	0	44	0	(10,073)
2085	(10,073)	0	44	0	(10,118)
2086	(10,118)	0	44	0	(10,162)
2087	(10,162)	0	44	0	(10,206)
2088	(10,206)	0	44	0	(10,250)
2089	(10,250)	0	64	0	(10,314)
2090	(10,314)	0	93	0	(10,407)
2091	(10,407)	0	93	0	(10,500)
2092	(10,500)	0	78	0	(10,579)
2093	(10,579)	0	78	0	(10,657)
2094	(10,657)	0	48	0	(10,705)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$10,705)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	550	446	148	5,176
1997	5,176	529	483	155	5,378
1998	5,378	509	517	161	5,530
1999	5,530	489	502	166	5,684
2000	5,684	470	506	171	5,819
2001	5,819	451	377	175	6,068
2002	6,068	434	344	182	6,340
2003	6,340	417	340	190	6,607
2004	6,607	401	335	198	6,871
2005	6,871	384	422	206	7,039
2006	7,039	367	487	211	7,130
2007	7,130	350	524	214	7,170
2008	7,170	327	520	215	7,192
2009	7,192	299	481	216	7,226
2010	7,226	283	466	217	7,260
2011	7,260	262	399	218	7,341
2012	7,341	249	407	220	7,403
2013	7,403	230	429	222	7,426
2014	7,426	194	463	223	7,380
2015	7,380	163	711	221	7,053
2016	7,053	153	645	212	6,772
2017	6,772	132	648	203	6,459
2018	6,459	121	662	194	6,113
2019	6,113	110	680	183	5,726
2020	5,726	106	706	172	5,298
2021	5,298	96	725	159	4,828
2022	4,828	86	723	145	4,336
2023	4,336	75	743	130	3,797
2024	3,797	64	794	114	3,181
2025	3,181	50	848	95	2,479
2026	2,479	37	889	74	1,701
2027	1,701	19	856	51	915
2028	915	11	879	27	74
2029	74	8	761	2	(677)
2030	(677)	5	476	0	(1,148)
2031	(1,148)	3	446	0	(1,591)
2032	(1,591)	3	433	0	(2,022)
2033	(2,022)	3	554	0	(2,573)
2034	(2,573)	2	586	0	(3,157)
2035	(3,157)	1	469	0	(3,626)
2036	(3,626)	0	549	0	(4,174)
2037	(4,174)	0	580	0	(4,754)
2038	(4,754)	0	444	0	(5,198)
2039	(5,198)	0	375	0	(5,572)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(5,572)	0	343	0	(5,915)
2041	(5,915)	0	493	0	(6,408)
2042	(6,408)	0	434	0	(6,842)
2043	(6,842)	0	443	0	(7,285)
2044	(7,285)	0	422	0	(7,708)
2045	(7,708)	0	434	0	(8,142)
2046	(8,142)	0	413	0	(8,555)
2047	(8,555)	0	376	0	(8,930)
2048	(8,930)	0	220	0	(9,151)
2049	(9,151)	0	88	0	(9,238)
2050	(9,238)	0	83	0	(9,322)
2051	(9,322)	0	83	0	(9,405)
2052	(9,405)	0	73	0	(9,478)
2053	(9,478)	0	73	0	(9,551)
2054	(9,551)	0	73	0	(9,624)
2055	(9,624)	0	73	0	(9,697)
2056	(9,697)	0	72	0	(9,769)
2057	(9,769)	0	72	0	(9,842)
2058	(9,842)	0	72	0	(9,914)
2059	(9,914)	0	72	0	(9,986)
2060	(9,986)	0	86	0	(10,072)
2061	(10,072)	0	87	0	(10,159)
2062	(10,159)	0	87	0	(10,246)
2063	(10,246)	0	87	0	(10,333)
2064	(10,333)	0	87	0	(10,420)
2065	(10,420)	0	87	0	(10,507)
2066	(10,507)	0	86	0	(10,593)
2067	(10,593)	0	86	0	(10,680)
2068	(10,680)	0	86	0	(10,766)
2069	(10,766)	0	69	0	(10,835)
2070	(10,835)	0	69	0	(10,904)
2071	(10,904)	0	69	0	(10,973)
2072	(10,973)	0	65	0	(11,038)
2073	(11,038)	0	65	0	(11,103)
2074	(11,103)	0	45	0	(11,148)
2075	(11,148)	0	45	0	(11,192)
2076	(11,192)	0	45	0	(11,237)
2077	(11,237)	0	45	0	(11,282)
2078	(11,282)	0	45	0	(11,327)
2079	(11,327)	0	45	0	(11,371)
2080	(11,371)	0	45	0	(11,416)
2081	(11,416)	0	45	0	(11,461)
2082	(11,461)	0	44	0	(11,505)
2083	(11,505)	0	44	0	(11,549)
2084	(11,549)	0	44	0	(11,594)
2085	(11,594)	0	44	0	(11,638)
2086	(11,638)	0	44	0	(11,682)
2087	(11,682)	0	44	0	(11,726)
2088	(11,726)	0	44	0	(11,770)
2089	(11,770)	0	64	0	(11,834)
2090	(11,834)	0	93	0	(11,927)
2091	(11,927)	0	93	0	(12,021)
2092	(12,021)	0	78	0	(12,099)
2093	(12,099)	0	78	0	(12,177)
2094	(12,177)	0	48	0	(12,225)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$12,225)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	3.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	138	4,925
1996	4,925	545	442	148	5,176
1997	5,176	519	473	155	5,377
1998	5,377	494	504	161	5,528
1999	5,528	471	485	166	5,680
2000	5,680	448	486	170	5,811
2001	5,811	426	377	174	6,035
2002	6,035	406	344	181	6,277
2003	6,277	387	340	188	6,512
2004	6,512	368	335	195	6,740
2005	6,740	349	422	202	6,869
2006	6,869	330	487	206	6,919
2007	6,919	312	524	208	6,915
2008	6,915	288	520	207	6,890
2009	6,890	262	481	207	6,877
2010	6,877	245	466	206	6,862
2011	6,862	224	399	206	6,893
2012	6,893	212	407	207	6,905
2013	6,905	194	429	207	6,877
2014	6,877	162	463	206	6,782
2015	6,782	135	711	203	6,409
2016	6,409	125	645	192	6,081
2017	6,081	107	648	182	5,722
2018	5,722	97	662	172	5,329
2019	5,329	88	680	160	4,897
2020	4,897	83	706	147	4,421
2021	4,421	74	725	133	3,903
2022	3,903	66	723	117	3,363
2023	3,363	57	743	101	2,778
2024	2,778	49	794	83	2,116
2025	2,116	37	848	63	1,368
2026	1,368	28	889	41	548
2027	548	14	856	16	(278)
2028	(278)	8	879	0	(1,148)
2029	(1,148)	6	761	0	(1,903)
2030	(1,903)	4	476	0	(2,376)
2031	(2,376)	2	446	0	(2,820)
2032	(2,820)	2	433	0	(3,251)
2033	(3,251)	2	554	0	(3,804)
2034	(3,804)	1	586	0	(4,389)
2035	(4,389)	1	469	0	(4,857)
2036	(4,857)	0	549	0	(5,406)
2037	(5,406)	0	580	0	(5,985)
2038	(5,985)	0	444	0	(6,429)
2039	(6,429)	0	375	0	(6,804)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(6,804)	0	343	0	(7,147)
2041	(7,147)	0	493	0	(7,640)
2042	(7,640)	0	434	0	(8,074)
2043	(8,074)	0	443	0	(8,517)
2044	(8,517)	0	422	0	(8,939)
2045	(8,939)	0	434	0	(9,373)
2046	(9,373)	0	413	0	(9,786)
2047	(9,786)	0	376	0	(10,162)
2048	(10,162)	0	220	0	(10,382)
2049	(10,382)	0	88	0	(10,470)
2050	(10,470)	0	83	0	(10,553)
2051	(10,553)	0	83	0	(10,636)
2052	(10,636)	0	73	0	(10,710)
2053	(10,710)	0	73	0	(10,783)
2054	(10,783)	0	73	0	(10,856)
2055	(10,856)	0	73	0	(10,928)
2056	(10,928)	0	72	0	(11,001)
2057	(11,001)	0	72	0	(11,073)
2058	(11,073)	0	72	0	(11,145)
2059	(11,145)	0	72	0	(11,217)
2060	(11,217)	0	86	0	(11,304)
2061	(11,304)	0	87	0	(11,391)
2062	(11,391)	0	87	0	(11,478)
2063	(11,478)	0	87	0	(11,565)
2064	(11,565)	0	87	0	(11,652)
2065	(11,652)	0	87	0	(11,738)
2066	(11,738)	0	86	0	(11,825)
2067	(11,825)	0	86	0	(11,911)
2068	(11,911)	0	86	0	(11,997)
2069	(11,997)	0	69	0	(12,067)
2070	(12,067)	0	69	0	(12,136)
2071	(12,136)	0	69	0	(12,205)
2072	(12,205)	0	65	0	(12,269)
2073	(12,269)	0	65	0	(12,334)
2074	(12,334)	0	45	0	(12,379)
2075	(12,379)	0	45	0	(12,424)
2076	(12,424)	0	45	0	(12,469)
2077	(12,469)	0	45	0	(12,514)
2078	(12,514)	0	45	0	(12,558)
2079	(12,558)	0	45	0	(12,603)
2080	(12,603)	0	45	0	(12,648)
2081	(12,648)	0	45	0	(12,692)
2082	(12,692)	0	44	0	(12,737)
2083	(12,737)	0	44	0	(12,781)
2084	(12,781)	0	44	0	(12,825)
2085	(12,825)	0	44	0	(12,869)
2086	(12,869)	0	44	0	(12,914)
2087	(12,914)	0	44	0	(12,958)
2088	(12,958)	0	44	0	(13,002)
2089	(13,002)	0	64	0	(13,066)
2090	(13,066)	0	93	0	(13,159)
2091	(13,159)	0	93	0	(13,252)
2092	(13,252)	0	78	0	(13,331)
2093	(13,331)	0	78	0	(13,409)
2094	(13,409)	0	48	0	(13,457)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$13,457)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	3.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	2.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption	1
1 = Currently operating power plants only.	
2 = Currently operating and planned power plants.	
Number of Repositories Assumption	2
1 = One repository.	
2 = Two repositories.	
Repository Start-Up Assumption	0
0 = No delay.	
1 = 3 year delay.	
2 = 5 year delay.	

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	184	4,971
1996	4,971	561	455	199	5,275
1997	5,275	550	501	211	5,535
1998	5,535	539	545	221	5,750
1999	5,750	529	539	230	5,970
2000	5,970	518	548	239	6,179
2001	6,179	507	377	247	6,556
2002	6,556	497	344	262	6,971
2003	6,971	487	340	279	7,397
2004	7,397	478	335	296	7,836
2005	7,836	466	422	313	8,193
2006	8,193	453	487	328	8,487
2007	8,487	441	524	339	8,743
2008	8,743	421	520	350	8,994
2009	8,994	393	481	360	9,266
2010	9,266	379	466	371	9,550
2011	9,550	357	399	382	9,890
2012	9,890	347	407	396	10,226
2013	10,226	326	429	409	10,532
2014	10,532	280	463	421	10,770
2015	10,770	241	711	431	10,731
2016	10,731	230	645	429	10,744
2017	10,744	203	648	430	10,729
2018	10,729	188	662	429	10,685
2019	10,685	176	680	427	10,608
2020	10,608	173	706	424	10,499
2021	10,499	158	725	420	10,352
2022	10,352	145	723	414	10,188
2023	10,188	129	743	408	9,981
2024	9,981	113	794	399	9,699
2025	9,699	89	848	388	9,329
2026	9,329	68	889	373	8,881
2027	8,881	35	856	355	8,415
2028	8,415	20	879	337	7,893
2029	7,893	16	761	316	7,464
2030	7,464	10	476	299	7,297
2031	7,297	6	446	292	7,149
2032	7,149	6	433	286	7,007
2033	7,007	6	554	280	6,739
2034	6,739	3	586	270	6,426
2035	6,426	3	469	257	6,216
2036	6,216	0	549	249	5,917
2037	5,917	0	580	237	5,574
2038	5,574	0	444	223	5,353
2039	5,353	0	375	214	5,192

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	5,192	0	343	208	5,058
2041	5,058	0	493	202	4,767
2042	4,767	0	434	191	4,524
2043	4,524	0	443	181	4,261
2044	4,261	0	422	170	4,009
2045	4,009	0	434	160	3,735
2046	3,735	0	413	149	3,471
2047	3,471	0	376	139	3,235
2048	3,235	0	220	129	3,143
2049	3,143	0	88	126	3,182
2050	3,182	0	83	127	3,225
2051	3,225	0	83	129	3,271
2052	3,271	0	73	131	3,329
2053	3,329	0	73	133	3,389
2054	3,389	0	73	136	3,452
2055	3,452	0	73	138	3,517
2056	3,517	0	72	141	3,586
2057	3,586	0	72	143	3,656
2058	3,656	0	72	146	3,730
2059	3,730	0	72	149	3,807
2060	3,807	0	86	152	3,873
2061	3,873	0	87	155	3,941
2062	3,941	0	87	158	4,012
2063	4,012	0	87	160	4,085
2064	4,085	0	87	163	4,161
2065	4,161	0	87	166	4,240
2066	4,240	0	86	170	4,324
2067	4,324	0	86	173	4,410
2068	4,410	0	86	176	4,500
2069	4,500	0	69	180	4,611
2070	4,611	0	69	184	4,726
2071	4,726	0	69	189	4,846
2072	4,846	0	65	194	4,975
2073	4,975	0	65	199	5,109
2074	5,109	0	45	204	5,268
2075	5,268	0	45	211	5,434
2076	5,434	0	45	217	5,607
2077	5,607	0	45	224	5,786
2078	5,786	0	45	231	5,972
2079	5,972	0	45	239	6,166
2080	6,166	0	45	247	6,369
2081	6,369	0	45	255	6,579
2082	6,579	0	44	263	6,798
2083	6,798	0	44	272	7,026
2084	7,026	0	44	281	7,262
2085	7,262	0	44	290	7,508
2086	7,508	0	44	300	7,764
2087	7,764	0	44	311	8,031
2088	8,031	0	44	321	8,308
2089	8,308	0	64	332	8,576
2090	8,576	0	93	343	8,825
2091	8,825	0	93	353	9,085
2092	9,085	0	78	363	9,370
2093	9,370	0	78	375	9,666
2094	9,666	0	48	387	10,006
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					\$10,006

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2099:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	2.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	3.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption 1 = Currently operating power plants only. 2 = Currently operating and planned power plants.	1
Number of Repositories Assumption 1 = One repository. 2 = Two repositories.	2
Repository Start-Up Assumption 0 = No delay. 1 = 3 year delay. 2 = 5 year delay.	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	184	4,971
1996	4,971	555	451	199	5,274
1997	5,274	539	492	211	5,532
1998	5,532	523	531	221	5,745
1999	5,745	508	519	230	5,964
2000	5,964	494	526	239	6,170
2001	6,170	478	377	247	6,518
2002	6,518	464	344	261	6,899
2003	6,899	451	340	276	7,286
2004	7,286	437	335	291	7,679
2005	7,679	423	422	307	7,987
2006	7,987	407	487	319	8,227
2007	8,227	393	524	329	8,425
2008	8,425	370	520	337	8,612
2009	8,612	342	481	344	8,816
2010	8,816	327	466	353	9,030
2011	9,030	305	399	361	9,297
2012	9,297	294	407	372	9,556
2013	9,556	274	429	382	9,783
2014	9,783	233	463	391	9,944
2015	9,944	198	711	398	9,829
2016	9,829	188	645	393	9,765
2017	9,765	163	648	391	9,671
2018	9,671	151	662	387	9,547
2019	9,547	139	680	382	9,388
2020	9,388	135	706	376	9,193
2021	9,193	123	725	368	8,959
2022	8,959	111	723	358	8,705
2023	8,705	98	743	348	8,408
2024	8,408	85	794	336	8,035
2025	8,035	67	848	321	7,575
2026	7,575	50	889	303	7,039
2027	7,039	26	856	282	6,491
2028	6,491	15	879	260	5,887
2029	5,887	12	761	235	5,374
2030	5,374	7	476	215	5,119
2031	5,119	4	446	205	4,882
2032	4,882	4	433	195	4,648
2033	4,648	4	554	186	4,283
2034	4,283	2	586	171	3,870
2035	3,870	2	469	155	3,558
2036	3,558	0	549	142	3,151
2037	3,151	0	580	126	2,697
2038	2,697	0	444	108	2,362
2039	2,362	0	375	94	2,081

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	2,081	0	343	83	1,821
2041	1,821	0	493	73	1,401
2042	1,401	0	434	56	1,023
2043	1,023	0	443	41	621
2044	621	0	422	25	223
2045	223	0	434	9	(202)
2046	(202)	0	413	0	(614)
2047	(614)	0	376	0	(990)
2048	(990)	0	220	0	(1,210)
2049	(1,210)	0	88	0	(1,298)
2050	(1,298)	0	83	0	(1,381)
2051	(1,381)	0	83	0	(1,464)
2052	(1,464)	0	73	0	(1,538)
2053	(1,538)	0	73	0	(1,611)
2054	(1,611)	0	73	0	(1,684)
2055	(1,684)	0	73	0	(1,757)
2056	(1,757)	0	72	0	(1,829)
2057	(1,829)	0	72	0	(1,901)
2058	(1,901)	0	72	0	(1,973)
2059	(1,973)	0	72	0	(2,045)
2060	(2,045)	0	86	0	(2,132)
2061	(2,132)	0	87	0	(2,219)
2062	(2,219)	0	87	0	(2,306)
2063	(2,306)	0	87	0	(2,393)
2064	(2,393)	0	87	0	(2,480)
2065	(2,480)	0	87	0	(2,566)
2066	(2,566)	0	86	0	(2,653)
2067	(2,653)	0	86	0	(2,739)
2068	(2,739)	0	86	0	(2,825)
2069	(2,825)	0	69	0	(2,895)
2070	(2,895)	0	69	0	(2,964)
2071	(2,964)	0	69	0	(3,033)
2072	(3,033)	0	65	0	(3,098)
2073	(3,098)	0	65	0	(3,162)
2074	(3,162)	0	45	0	(3,207)
2075	(3,207)	0	45	0	(3,252)
2076	(3,252)	0	45	0	(3,297)
2077	(3,297)	0	45	0	(3,342)
2078	(3,342)	0	45	0	(3,387)
2079	(3,387)	0	45	0	(3,431)
2080	(3,431)	0	45	0	(3,476)
2081	(3,476)	0	45	0	(3,520)
2082	(3,520)	0	44	0	(3,565)
2083	(3,565)	0	44	0	(3,609)
2084	(3,609)	0	44	0	(3,653)
2085	(3,653)	0	44	0	(3,698)
2086	(3,698)	0	44	0	(3,742)
2087	(3,742)	0	44	0	(3,786)
2088	(3,786)	0	44	0	(3,830)
2089	(3,830)	0	64	0	(3,894)
2090	(3,894)	0	93	0	(3,987)
2091	(3,987)	0	93	0	(4,080)
2092	(4,080)	0	78	0	(4,159)
2093	(4,159)	0	78	0	(4,237)
2094	(4,237)	0	48	0	(4,285)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$4,285)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	3.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	4.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption 1 = Currently operating power plants only. 2 = Currently operating and planned power plants.	1
Number of Repositories Assumption 1 = One repository. 2 = Two repositories.	2
Repository Start-Up Assumption 0 = No delay. 1 = 3 year delay. 2 = 5 year delay.	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				
1995	4,600	572	385	184	\$4,600
1996	4,971	550	446	199	4,971
1997	5,273	529	483	211	5,273
1998	5,531	509	517	221	5,531
1999	5,743	489	502	230	5,743
2000	5,961	470	506	238	5,961
2001	6,163	451	377	247	6,163
2002	6,484	434	344	259	6,484
2003	6,833	417	340	273	6,833
2004	7,183	401	335	287	7,183
2005	7,536	384	422	301	7,536
2006	7,799	367	487	312	7,799
2007	7,991	350	524	312	7,991
2008	8,137	327	520	320	8,137
2009	8,269	299	481	325	8,269
2010	8,418	283	466	331	8,418
2011	8,572	262	466	337	8,572
2012	8,778	249	399	343	8,778
2013	8,971	249	407	351	8,971
2014	9,131	230	429	359	9,131
2015	9,227	194	463	365	9,227
2016	9,048	163	711	369	9,048
2017	8,917	153	645	362	8,917
2018	8,917	132	648	357	8,917
2019	8,758	121	662	350	8,758
2020	8,568	110	680	343	8,568
2021	8,341	106	706	343	8,341
2022	8,075	96	725	334	8,075
2023	7,769	86	723	323	7,769
2024	7,443	86	723	311	7,443
2025	7,072	75	743	298	7,072
2026	6,625	64	794	283	6,625
2027	6,225	50	848	265	6,225
2028	6,093	37	889	244	6,093
2029	5,485	19	856	219	5,485
2030	4,867	11	879	195	4,867
2031	4,194	8	761	168	4,194
2032	3,609	5	476	144	3,609
2033	3,282	3	446	131	3,282
2034	2,970	3	433	119	2,970
2035	2,658	3	554	106	2,658
2036	2,213	2	586	89	2,213
2037	1,718	1	469	69	1,718
2038	1,318	0	549	53	1,318
2039	823	0	580	33	823
2040	276	0	444	11	276
2041	157	0	375	0	157
2042					(531)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(531)	0	343	0	(874)
2041	(874)	0	493	0	(1,367)
2042	(1,367)	0	434	0	(1,801)
2043	(1,801)	0	443	0	(2,244)
2044	(2,244)	0	422	0	(2,667)
2045	(2,667)	0	434	0	(3,101)
2046	(3,101)	0	413	0	(3,514)
2047	(3,514)	0	376	0	(3,889)
2048	(3,889)	0	220	0	(4,110)
2049	(4,110)	0	88	0	(4,197)
2050	(4,197)	0	83	0	(4,281)
2051	(4,281)	0	83	0	(4,364)
2052	(4,364)	0	73	0	(4,437)
2053	(4,437)	0	73	0	(4,510)
2054	(4,510)	0	73	0	(4,583)
2055	(4,583)	0	73	0	(4,656)
2056	(4,656)	0	72	0	(4,728)
2057	(4,728)	0	72	0	(4,801)
2058	(4,801)	0	72	0	(4,873)
2059	(4,873)	0	72	0	(4,945)
2060	(4,945)	0	86	0	(5,031)
2061	(5,031)	0	87	0	(5,118)
2062	(5,118)	0	87	0	(5,205)
2063	(5,205)	0	87	0	(5,292)
2064	(5,292)	0	87	0	(5,379)
2065	(5,379)	0	87	0	(5,466)
2066	(5,466)	0	86	0	(5,552)
2067	(5,552)	0	86	0	(5,639)
2068	(5,639)	0	86	0	(5,725)
2069	(5,725)	0	69	0	(5,794)
2070	(5,794)	0	69	0	(5,863)
2071	(5,863)	0	69	0	(5,932)
2072	(5,932)	0	65	0	(5,997)
2073	(5,997)	0	65	0	(6,062)
2074	(6,062)	0	45	0	(6,107)
2075	(6,107)	0	45	0	(6,151)
2076	(6,151)	0	45	0	(6,196)
2077	(6,196)	0	45	0	(6,241)
2078	(6,241)	0	45	0	(6,286)
2079	(6,286)	0	45	0	(6,330)
2080	(6,330)	0	45	0	(6,375)
2081	(6,375)	0	45	0	(6,420)
2082	(6,420)	0	44	0	(6,464)
2083	(6,464)	0	44	0	(6,508)
2084	(6,508)	0	44	0	(6,553)
2085	(6,553)	0	44	0	(6,597)
2086	(6,597)	0	44	0	(6,641)
2087	(6,641)	0	44	0	(6,685)
2088	(6,685)	0	44	0	(6,729)
2089	(6,729)	0	64	0	(6,793)
2090	(6,793)	0	93	0	(6,886)
2091	(6,886)	0	93	0	(6,980)
2092	(6,980)	0	78	0	(7,058)
2093	(7,058)	0	78	0	(7,136)
2094	(7,136)	0	48	0	(7,184)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$7,184)

General Note: All cash flows are assumed to occur at year end.

Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).

(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
	Average Nuclear Power Plant Capacity Factor 2010 - 2099:	65.00%
	Average Annual Inflation Rate 1995 - 2099	4.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Total System Life Cycle Cost and Nuclear Waste Fund
Key Assumptions

Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099	\$0.0010
Average Nuclear Power Plant Capacity Factor 1995 - 2009	65.00%
Average Nuclear Power Plant Capacity Factor 2010 - 2099	65.00%
Average Annual Inflation Rate 1995 - 2099	5.00%
Average Annual Real Interest Rate 1995 - 2099	4.00%
Nuclear Power Plants Assumption 1 = Currently operating power plants only. 2 = Currently operating and planned power plants.	1
Number of Repositories Assumption 1 = One repository. 2 = Two repositories.	2
Repository Start-Up Assumption 0 = No delay. 1 = 3 year delay. 2 = 5 year delay.	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
 Nuclear Waste Fund
 (in millions of 1995 dollars)
 No Start-Up Delay
 1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994	(b)				\$4,600
1995	4,600	572	385	184	4,971
1996	4,971	545	442	199	5,273
1997	5,273	519	473	211	5,530
1998	5,530	494	504	221	5,741
1999	5,741	471	485	230	5,957
2000	5,957	448	486	238	6,156
2001	6,156	426	377	246	6,452
2002	6,452	406	344	258	6,771
2003	6,771	387	340	271	7,089
2004	7,089	368	335	284	7,406
2005	7,406	349	422	296	7,629
2006	7,629	330	487	305	7,778
2007	7,778	312	524	311	7,877
2008	7,877	288	520	315	7,960
2009	7,960	262	481	318	8,058
2010	8,058	245	466	322	8,159
2011	8,159	224	399	326	8,310
2012	8,310	212	407	332	8,447
2013	8,447	194	429	338	8,550
2014	8,550	162	463	342	8,591
2015	8,591	135	711	344	8,359
2016	8,359	125	645	334	8,173
2017	8,173	107	648	327	7,959
2018	7,959	97	662	318	7,712
2019	7,712	88	680	308	7,428
2020	7,428	83	706	297	7,102
2021	7,102	74	725	284	6,735
2022	6,735	66	723	269	6,347
2023	6,347	57	743	254	5,915
2024	5,915	49	794	237	5,407
2025	5,407	37	848	216	4,812
2026	4,812	28	889	192	4,143
2027	4,143	14	856	166	3,467
2028	3,467	8	879	139	2,736
2029	2,736	6	761	109	2,090
2030	2,090	4	476	84	1,701
2031	1,701	2	446	68	1,325
2032	1,325	2	433	53	947
2033	947	2	554	38	432
2034	432	1	586	17	(136)
2035	(136)	1	469	0	(604)
2036	(604)	0	549	0	(1,153)
2037	(1,153)	0	580	0	(1,732)
2038	(1,732)	0	444	0	(2,176)
2039	(2,176)	0	375	0	(2,551)

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN
Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2040	(2,551)	0	343	0	(2,894)
2041	(2,894)	0	493	0	(3,387)
2042	(3,387)	0	434	0	(3,821)
2043	(3,821)	0	443	0	(4,264)
2044	(4,264)	0	422	0	(4,686)
2045	(4,686)	0	434	0	(5,120)
2046	(5,120)	0	413	0	(5,533)
2047	(5,533)	0	376	0	(5,909)
2048	(5,909)	0	220	0	(6,129)
2049	(6,129)	0	88	0	(6,217)
2050	(6,217)	0	83	0	(6,300)
2051	(6,300)	0	83	0	(6,383)
2052	(6,383)	0	73	0	(6,457)
2053	(6,457)	0	73	0	(6,530)
2054	(6,530)	0	73	0	(6,603)
2055	(6,603)	0	73	0	(6,675)
2056	(6,675)	0	72	0	(6,748)
2057	(6,748)	0	72	0	(6,820)
2058	(6,820)	0	72	0	(6,892)
2059	(6,892)	0	72	0	(6,964)
2060	(6,964)	0	86	0	(7,051)
2061	(7,051)	0	87	0	(7,138)
2062	(7,138)	0	87	0	(7,225)
2063	(7,225)	0	87	0	(7,312)
2064	(7,312)	0	87	0	(7,399)
2065	(7,399)	0	87	0	(7,485)
2066	(7,485)	0	86	0	(7,572)
2067	(7,572)	0	86	0	(7,658)
2068	(7,658)	0	86	0	(7,744)
2069	(7,744)	0	69	0	(7,814)
2070	(7,814)	0	69	0	(7,883)
2071	(7,883)	0	69	0	(7,952)
2072	(7,952)	0	65	0	(8,016)
2073	(8,016)	0	65	0	(8,081)
2074	(8,081)	0	45	0	(8,126)
2075	(8,126)	0	45	0	(8,171)
2076	(8,171)	0	45	0	(8,216)
2077	(8,216)	0	45	0	(8,261)
2078	(8,261)	0	45	0	(8,305)
2079	(8,305)	0	45	0	(8,350)
2080	(8,350)	0	45	0	(8,395)
2081	(8,395)	0	45	0	(8,439)
2082	(8,439)	0	44	0	(8,484)
2083	(8,484)	0	44	0	(8,528)
2084	(8,528)	0	44	0	(8,572)
2085	(8,572)	0	44	0	(8,616)
2086	(8,616)	0	44	0	(8,661)
2087	(8,661)	0	44	0	(8,705)
2088	(8,705)	0	44	0	(8,749)
2089	(8,749)	0	64	0	(8,813)
2090	(8,813)	0	93	0	(8,906)
2091	(8,906)	0	93	0	(8,999)
2092	(8,999)	0	78	0	(9,078)
2093	(9,078)	0	78	0	(9,156)
2094	(9,156)	0	48	0	(9,204)
2095	0	0	0	0	0
2096	0	0	0	0	0

CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM PLAN

Nuclear Waste Fund
(in millions of 1995 dollars)
No Start-Up Delay
1983 - 2099

Year	NWF Starting Balance	Fee Income	Civilian Portion of Total Cost	Interest Income on Prior Ending Balance (a)	NWF Ending Balance
2097	0	0	0	0	0
2098	0	0	0	0	0
2099	0	0	0	0	0
Final NWF Balance					(\$9,204)

General Note: All cash flows are assumed to occur at year end.

- Notes: (a) Interest on 1995 - 2099 NWF balances is computed using the assumed Average Annual Real Interest Rate (see ASSUMPTIONS).
(b) Estimated NWF balance as of 12/31/94.

Assumptions:	Nuclear Waste Fund kWh Fee (\$ per kWh) 1996 - 2099:	\$0.001
	Average Nuclear Power Plant Capacity Factor 1995 - 2009:	65.00%
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	Average Annual Inflation Rate 1995 - 2099	5.00%
	Average Annual Real Interest Rate 1995 - 2099:	4.00%
	Nuclear Power Plants Assumption:	1
	Number of Repositories Assumption:	2
	Repository Start-Up Assumption:	0

