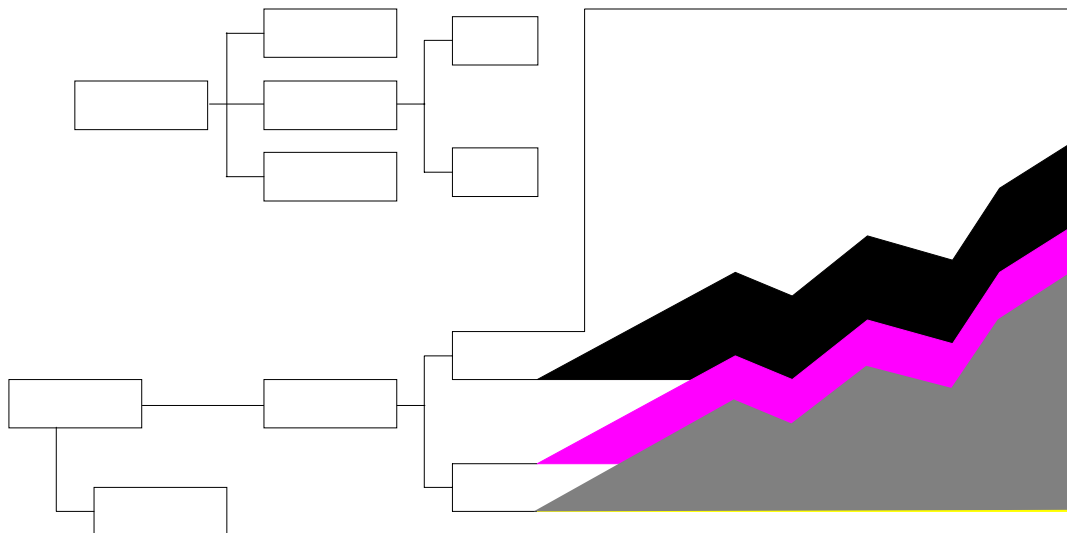

Monthly Summary of

Program Financial and Budget Information

FY 2002 Year-end Report



Office of Civilian Radioactive Waste Management
Office of Program Management and Administration

Foreword

The *Monthly Summary of Program Financial and Budget Information* is a compendium of program-level financial and budget information which is intended to assist the Director, OCRWM, in managing the program. It utilizes the Program Work Breakdown Structure and the Budget and Reporting codes instituted at the start of FY 1997.

The report provides a variety of financial and budget-related data, including Nuclear Waste Fund status, Total System Life Cycle Cost (TSLCC) estimates, historical data on cost and budget, and current year obligations and costs. Major sources of data include the Financial Information System (FIS) and the Approved Funding Program (AFP).

The report focuses on the program level; it is not meant to duplicate more detailed project or contractor reporting.

Questions or comments regarding the *Monthly Summary of Program Financial and Budget Information* should be forwarded to the Director, Program Management Division, RW-53.

Monthly Summary of Program Financial and Budget Information

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Monthly Summary of Program Financial and Budget Information

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**FY 2002 - FY 2003
BUDGET FORMULATION SUMMARY**

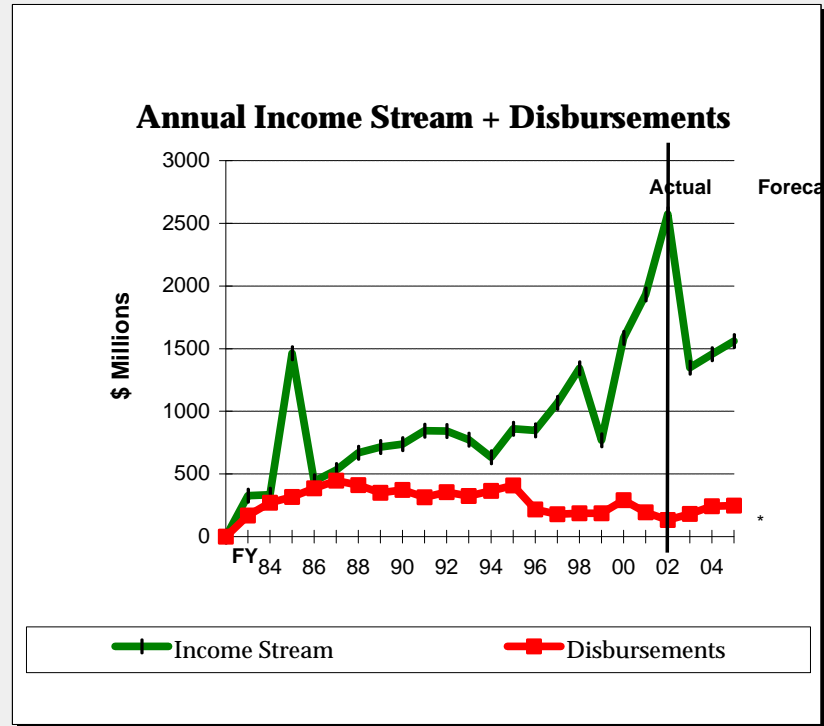
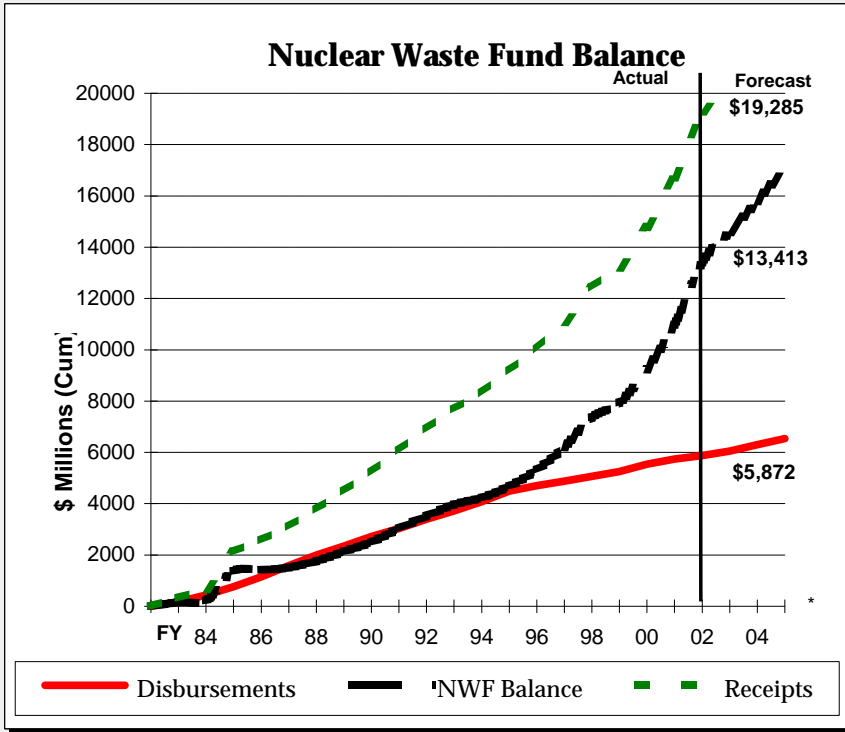
(dollars in thousands)

PROGRAM ELEMENT	FY 2002 CONGRESSIONAL BUDGET REQUEST					FY 2002 ENACTED Appropriation (d)	FY 2003 CONGRESSIONAL BUDGET REQUEST					FY 2003 ENACTED Appropriation
	FY 2000 Comparable Budget	FY 2001 Comparable Appropriation	FY 2002 Budget Request	FY 2003 Budget Request (c)	FY 2004 Budget Request (c)		FY 2001 Comparable Budget	FY 2002 Comparable Appropriation	FY 2003 Budget Request (e)	FY 2004 Budget Request (c)	FY 2005 Budget Request (c)	
YUCCA MOUNTAIN SITE CHAR. PROJE	\$270,595	\$312,985	\$355,465	\$363,000	\$367,000	\$314,999	\$312,985	\$296,886	\$424,922	\$431,643	\$442,708	TBD
WASTE ACCEPTANCE, STORAGE AND TRANSPORTATION	\$1,795	\$2,661	\$5,868	\$12,000	\$12,000	\$4,623	\$2,661	\$4,103	\$17,100	\$17,600	\$17,600	TBD
ACCELERATOR TRANSMUTATION OF WASTE	\$4,000											
PROGRAM INTEGRATION:												
Quality Assurance	(a)	(a)	\$6,384	\$5,000	\$5,000	\$10,382	(a)	\$6,400	\$6,918	\$6,918	\$6,918	TBD
Program Management	\$4,761	\$6,233	\$7,204	\$3,000	\$3,000	\$7,607	\$6,233	\$6,056	\$7,521	\$9,096	\$9,096	TBD
Human Resources & Admn.	\$3,860	\$5,838	\$5,656	\$3,000	\$3,000	\$10,089	\$5,838	\$5,555	\$5,252	\$6,078	\$6,078	TBD
Subtotal, Program Integration	\$8,621	\$12,071	\$19,244	\$11,000	\$11,000	\$28,078	\$12,071	\$18,011	\$19,691	\$22,092	\$22,092	TBD
Program Direction	\$59,500	\$62,662	\$64,402	\$65,000	\$75,000	\$27,300	\$64,914 (g)	\$58,278 (g)	\$65,332 (g)	\$66,665	\$67,600	TBD
TOTAL, PROGRAM INTEGRATION & PROGRAM DIRECTION	\$68,121	\$74,733	\$83,646	\$76,000	\$86,000	\$55,378	\$76,985	\$76,289 (b)	\$85,023	\$88,757	\$89,692	TBD
H.R. 4733 Restoration of Funds							\$10,000 (f)					
TOTAL PROGRAM	<u>\$340,511</u>	<u>\$390,379</u>	<u>\$444,979</u>	<u>\$451,000</u>	<u>\$465,000</u>	<u>\$375,000</u>	<u>\$402,631</u>	<u>\$377,278</u>	<u>\$527,045</u>	<u>\$538,000</u>	<u>\$550,000</u>	<u>TBD</u>
TOTAL FEDERAL STAFFING (FTEs)	(b)	(b)	(b)	(b)	(b)		(b)	(b)	(b)	(b)	(b)	

Note: This chart uses the actual structure (i.e. Program Elements) used in the budget submissions in the OCRWM budget formulation process.

- (a) The Quality Assurance budget is included in the Program Direction account under support services.
- (b) FTEs were not provided in the Congressional Budget Request.
- (c) The outyears shown here are preliminary, and do not necessarily reflect program requirements. Future budget requests for the Program has yet to be established and will be determined through the annual Executive and Congressional budget process.
- (d) Source of the appropriation is H.R. 2311, FY 2002 Energy and Water Development Appropriations Act, which was enacted in Public Law 107-66.
- (e) If the site is designated, the Administration also will seek additional funding to begin essential transportation-related activities and provide a long-term management and financing plan for the entire licensing and construction effort.
- (f) The FY 1996 energy and Water Development Appropriation Act reserved \$85 million in the Defense Nuclear Waste Disposal Appropriation for interim waste storage activities. In FY 2001, H.R. 4733, House and Senate Committees on Appropriation, Energy and Water Development, restored \$10 million to the Defense Nuclear Waste Disposal for activities related to the Site Recommendation.
- (g) The FY 2001 and FY 2002 columns include funding in the amount of \$2.3 million for each year for the Government's share of increased costs associated with pension and annuitant health care benefits. These funds are comparable to FY 2003 funding of \$2.0 million. (Note: The data is presented on a comparable basis as if the legislation had been enacted and implemented in FY 2001.)

NUCLEAR WASTE FUND BALANCE AND INCOME STREAM



* Each tick mark represents the end of a fiscal year.
Current Values as of September 30, 2002

FOR EXPLANATION OF CHANGES TO NWF INFORMATION MADE IN JANUARY 2001, SEE PAGE 1-3

Sources: Refer to Page 1-4 for sources of information on this chart.

Changes in Nuclear Waste Fund Information – January 2001

Beginning with the January 2001 report, investment returns and fee income data changed. These changes affect both actual prior-year income and estimates of future income.

Reporting and Forecasting Investment Returns

Investment returns for zero-coupon bonds – Investment returns from zero-coupon bonds were restated to reflect the Department of the Treasury's method of reporting actual returns in the President's Budget and to provide more reliable estimates of future returns. This change only affects the returns from the zero-coupon portion of the Nuclear Waste Fund (NWF) portfolio (currently about one-half of the portfolio). Returns from Treasury bills and coupon-bearing bonds are unaffected.

Old calculation method – Previously, the return on zero-coupon bonds was calculated using the straight-line amortization method. This method assumes that the value of the bond increases by the same amount every year; it is calculated as the difference between the maturity value of the bond and the purchase price, divided by the number of years to maturity. For consistency, this method was used for both actual and projected returns. However, it had two disadvantages: (1) returns calculated by this methodology conflicted with actual returns reported for each fiscal year by the Department of the Treasury, and (2) estimated returns calculated by this method tended to overstate imputed income from zero-coupon bonds in the early years of a bond's lifetime.

New calculation method – The NWF began purchasing zero-coupon bonds in 1997. Zero-coupon bonds do not pay periodic interest, but are purchased at a deep discount and gradually increase in value until they reach their face value at maturity. For the President's Budget, the Treasury Department defines the annual return of a zero-coupon bond as the change in its market price during the year. This value is now used to report **actual returns** of the zero-coupon bond portion of the NWF investment portfolio at the end of each fiscal year. However, price changes are dependent on market conditions and are therefore inherently unpredictable. For that reason, the effective yield method, which is based on McGraw Hill/DRI interest rate forecasts, is now used **to estimate future returns** for the zero-coupon bond portion of the NWF investment portfolio. This method assumes that the value of a zero-coupon bond increases by the same percentage every year; it is calculated as the beginning value of the bond, multiplied by the market yield at the time the bond was purchased. Over time, this should closely match the bond's actual change in price. However, significant differences for any given fiscal year between **estimated** returns calculated using this methodology and year-end **market value** returns as reported by Treasury should be expected.

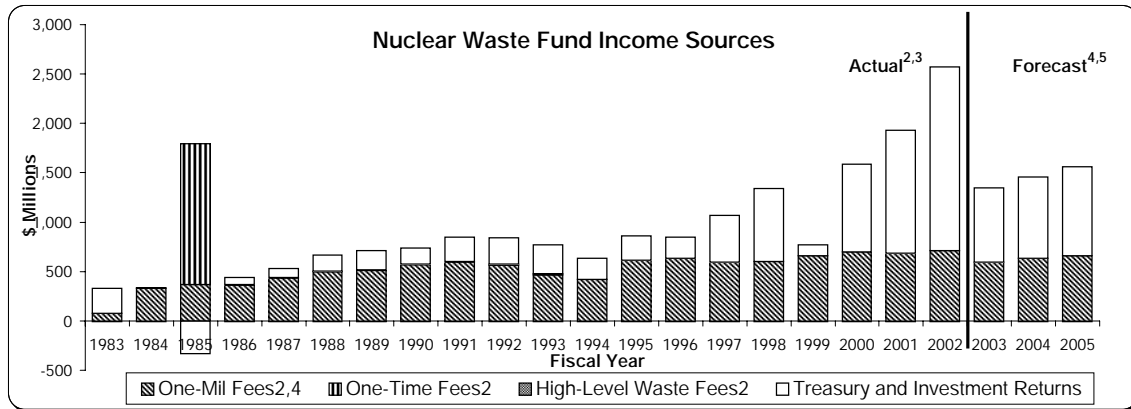
Impact of change – Using this new methodology changed the investment returns for FYs 1997 through 2000 from \$520M, \$561M, \$780M, and \$752M, respectively, to \$471M, \$743M, \$106M, and \$883M, respectively. As a result, cumulative investment returns were reduced from \$2.613B to \$2.203B, and the NWF balance was reduced from \$9.644B to \$9.234B.

Reporting and Forecasting Fee Income

Reporting adjustments from PECO settlement – Prior to January 2001, fee reductions to reimburse PECO (per the July 19, 2000 Amendment to Contract "DE-CR01-83 NE44405 Between U.S. Department of Energy and PECO Energy Company) were erroneously recorded as adjustments to one-time fees. These adjustments are now correctly reported as adjustments to the one-mil/kWh fees. This change reduced the actual one-mil fees by \$4M in both FY 2000 and FY 2001, and increased the actual one-time fees by \$4M in each of these years.

Forecasting one-mil/kWh fee income – Prior to January 2001, projected one-mil fees were based solely on forecast electricity generation and sales. Projected one-mil fees now include adjustments for potential litigation settlements. For FYs 2001, 2002, and 2003, the forecast one-mil fees changed from \$717M, \$704M, and \$702M, respectively, to \$620M, \$640M, and \$625M, respectively.

Nuclear Waste Fund Income Sources and Disbursements¹



Fiscal Year	Spent Nuclear Fuel Fees			Defense Fees	Treasury Loan	Investment Returns ^{3,5}	Total Annual Income	Annual Disbursements ⁶	NWF Balance
	One-Mil Fees ^{2,4}	One-Time Fees ²	Cumulative Fees ²	High-Level Waste Fees ²	Principal (Payment)				
1983	74	0	74	0	254	0	327	169	158
1984	330	0	404	0	5	0	334	271	221
1985	367	1,427	2,198	0	-258	-74	1,463	317	1,367
1986	362	6	2,566	0	0	73	441	385	1,423
1987	435	6	3,007	0	0	89	530	446	1,507
1988	498	6	3,511	0	0	165	669	412	1,764
1989	513	6	4,030	0	0	196	715	349	2,130
1990	570	6	4,606	0	0	161	737	372	2,495
1991	594	6	5,206	5	0	241	846	315	3,026
1992	560	6	5,772	8	0	268	842	354	3,514
1993	466	11	6,249	0	0	296	773	325	3,962
1994	418	4	6,671	0	0	210	632	364	4,229
1995	615	0	7,286	0	0	246	861	408	4,682
1996	633	1	7,920	0	0	212	847	218	5,311
1997	596	0	8,516	0	0	471	1,067	178	6,200
1998	600	0	9,116	0	0	743	1,343	186	7,357
1999	662	0	9,778	0	0	106	768	186	7,939
2000	702	0	10,480	0	0	883	1,585	290	9,234
2001	689	0	11,169	0	0	1,243	1,932	194	10,972
2002	712	0	11,881	0	0	1,862	2,574	133	13,413
Cum-to-date	10,396	1,485	11,881	13	0	7,391	19,285	5,872	13,413
Forecast									
2003	596	0	12,477	0	0	752	1,348	181	14,579
2004	634	0	13,111	0	0	822	1,456	243	15,792
2005	663	0	13,774	0	0	896	1,559	248	17,104

FOR EXPLANATION OF CHANGES TO NWF INFORMATION MADE IN JANUARY 2001, SEE PAGE 1-3

- 1 Current Values as of September 30, 2002. Rows may not add due to independent rounding. Receipts and Disbursements do not include Defense Nuclear Waste Disposal appropriations because these funds do not flow through the Nuclear Waste Fund. For FYs 1993 through 2002, these appropriations were \$100M, \$120M, \$129.430M, \$163.4M, \$200M, \$190M, \$189M, \$111.6M, \$209.7M, and \$280M, respectively.
- 2 Actual Fees from the "NWF Summary of Cash Balances" issued monthly by the DOE Office of Chief Financial Officer.
- 3 Actual Investment Returns for FY 2002 and prior years include coupon interest receipts; net premiums and discounts paid and received on bills, notes, and bonds; and the annual change in market value of zero coupon bonds. FY 2001 Investment Returns were restated in December 2001 to reflect change in market value of zero coupon bonds.
- 4 Forecast kWh Fee Receipts are based on EIA projections as of 3/5/2002 with adjustments made for potential litigation settlements.
- 5 Forecast Investment Returns consist/include anticipated effective yield earnings on all securities from the date of purchase.
- 6 Forecast Disbursements are based on FY2002 appropriations and the OCRWM FY2003 Congressional Budget Request, with appropriations adjusted to disbursements using OMB's simplified (50/50) formula plus \$29 million for future appropriations to the NRC and TRB. Actual and Forecast disbursements include Program Expenditures, NRC, NWN, and NWTRB appropriations, interest on Treasury loans (FY84 \$3M, FY85 \$5M) and interest refunded to utilities (FY88 \$7M, FY89 \$1M, FY92 \$7M, FY93 \$41M, FY94 \$48M, FY95 \$19M, FY96 \$1M).

**SUMMARY OF
TOTAL-SYSTEM LIFE-CYCLE COSTS**
(millions of 2000 dollars)

<u>Cost Element</u>	<u>Total Cost</u>
Monitored Geologic Repository	\$42,070
Waste Acceptance, Storage & Transportation	5,960
Nevada Transportation	840
Program Integration/Non-OCRWM (NRC, NWTRB)	4,070
<u>Institutional</u>	<u>4,580</u>
2000 TSLCC Total	\$57,520

Historical Program Cost, 1983 - 2000 ^(a)	\$8,230
<u>Program Cost, 2001 - 2119</u>	<u>\$49,290</u>
Total Estimate for Program	\$57,520

(a) Historical program cost is \$6.7 Billion in year-of-expenditure dollars, as of 2000.

Data extracted from "Analysis of the Total System Life Cycle Cost of the Civilian Radioactive Waste Management Program", DOE/RW-0533, May 2001.

MANPOWER - FEDERAL PERSONNEL

(Nuclear Waste Fund)

Office	Budgeted FY2002 FTEs	Total On Board (b)
Office of the Director	(a)	14
Office of Quality Assurance (c)	(a)	10
Office of Acceptance, Transportation, & Integration	(a)	16
Office of Program Management & Administration	(a)	32
Yucca Mountain Site Characterization Office	<u>(a)</u>	<u>92</u>
Subtotal	176	164
Nevada Operations Office	<u>6</u>	<u>6</u>
Subtotal	6	6
DOE HQ Matrix Support		
CI/PA	2	2
EI	1	1
GC	8	8
EH	1	1
MA	4	4
CR	<u>2</u>	<u>2</u>
Subtotal	<u>18</u>	<u>18</u>
TOTAL	<u>200</u>	<u>188</u>

Source: RW-56 Human Resources Division as of September 22, 2002.

- (a) FY 2002 Budgeted FTEs are not established at the office level
- (b) Head count
- (c) Ten FTEs support YMSCO; duty stationed in Nevada

MANPOWER - CONTRACTOR PERSONNEL

Contractor	Actual FTEs (FY 1997)	Actual FTEs (Sep 1997)	Actual FTEs (FY 1998)	Actual FTEs (Sep 1998)	Actual FTEs (FY 1999)	Actual FTEs (Sep 1999)	Actual FTEs (FY 2000)	Actual FTEs (Sep 2000)	Actual FTEs (FY 2001)	Actual FTEs (Sep 2001)	Actual FTEs (FY 2002)	Actual FTEs (Sep 2002)
Bechtel SAIC Company, LLC (BSC) (a)									568.7	1,383.4	1,572.4	1,622.8
TRW Environmental Safety Systems (TESS) (b)	1,739.5	2,222.5	1,952.6	2,017.7	1,697.1	1,547.9	1,732.9	1,850.1	505.0	0.0	0.0	0.0
USGS	124.2	122.3	115.5	115.1	108.4	109.6	85.2	79.1	70.8	50.9	59.6	64.9
KENROB and Associates, Inc.	71.3	95.5	52.6	44.8	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSIS					18.9	52.5	57.3	53.7	54.4	40.7	56.3	44.7
SAIC/QATSS	52.5	82.0	77.8	82.0	78.9	100.4	77.3	112.3	32.9	0.0	0.0	0.0
Booz-Allen & Hamilton Inc. (c)	27.2	49.0	72.6	49.0	85.4	81.6	90.1	108.3	91.5	72.6	76.3	60.9
Alpha Services	26.8	25.0	26.9	25.0	26.8	29.0	27.7	28.2	27.7	22.4	27.7	22.6
Jason & Associates	12.4	24.4	50.8	24.4	40.0	21.1	33.5	57.4	48.2	55.0	17.2	0.0
Navarro Quality Services									9.7	19.3	25.4	20.9
Other (Minors) (d)	7.7	8.5	6.7	7.5	5.5	5.6	5.0	6.8	0.3	0.0	1.5	2.8
	2,061.6	2,629.2	2,355.5	2,365.5	2,091.1	1,947.7	2,109.0	2,295.9	1,409.1	1,644.2	1,836.3	1,839.7

Columns may not add due to independent rounding.

Sources: Yucca Mountain Site Characterization Project Multi-year Planning System (MYPS) as of September 30, 2002 plus TRW Environmental Safety Systems Inc. (TESS) and Bechtel SAIC Company, LLC. (BSC) reported indirect and subcontractor labor.

(a) BSC FTEs start with March 2001.

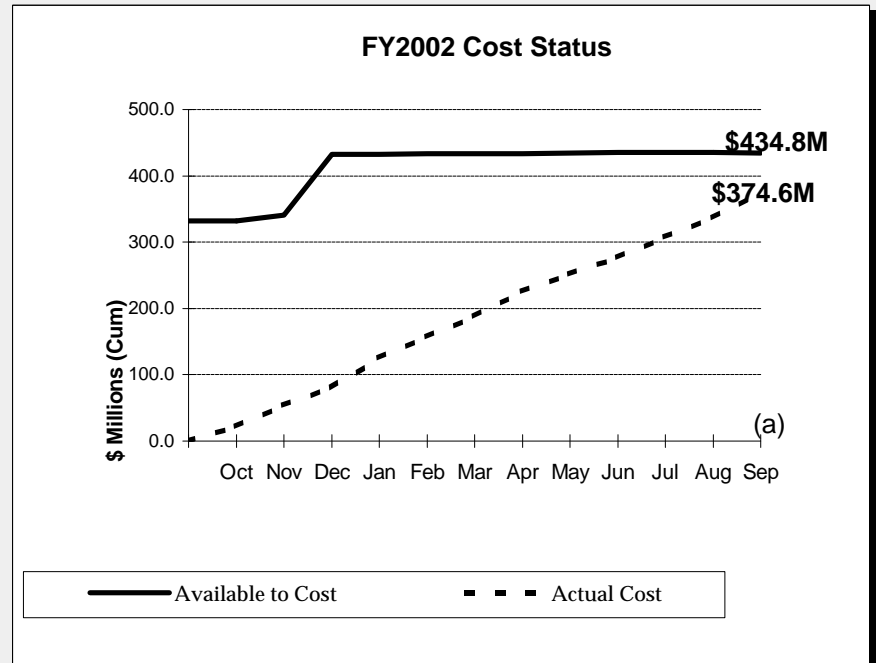
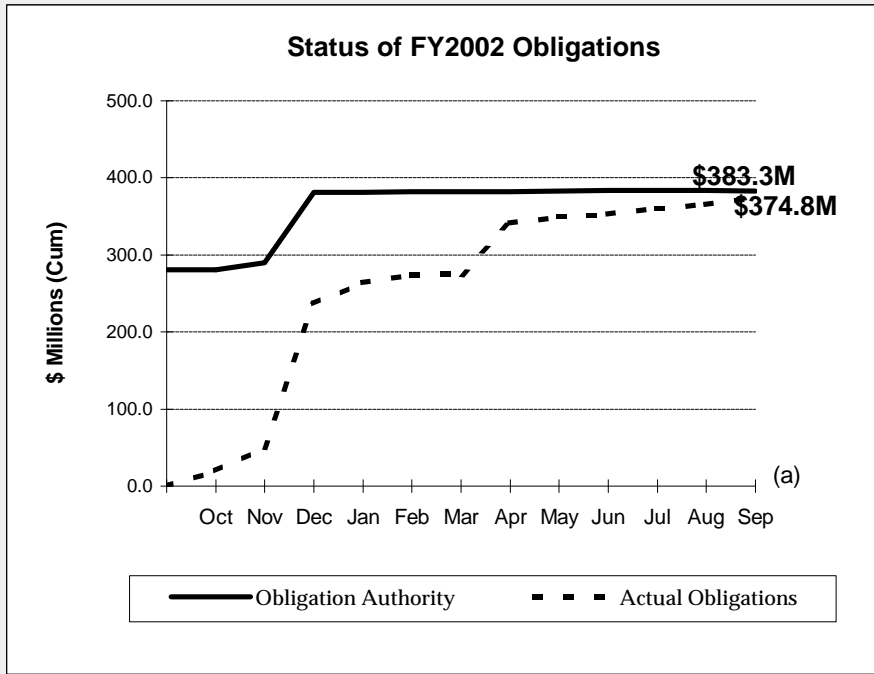
(b) TESS FTEs end with February 2001.

(c) Contract awarded 2nd Quarter, FY 1997

(d) Includes Quality Services Associates Inc. and Energy Information Administration.

FY2002 OBLIGATION AND COST STATUS PROGRAM

1-8



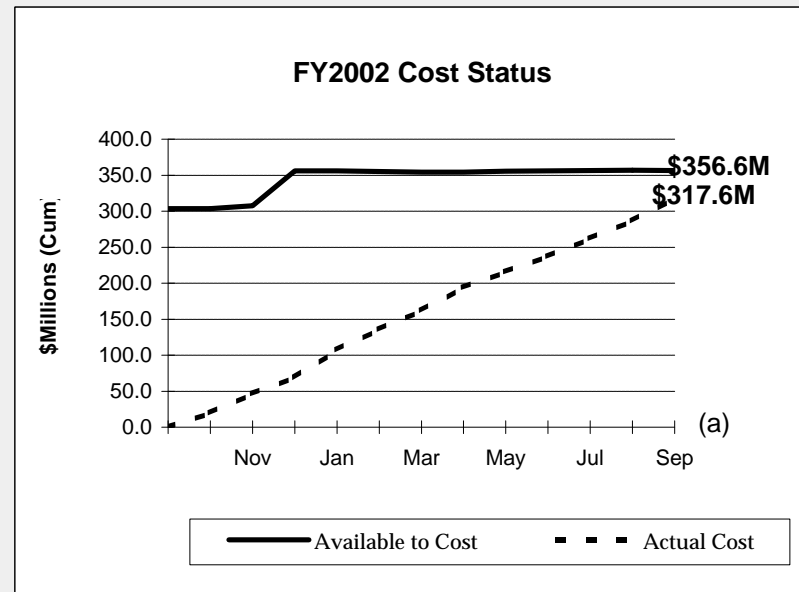
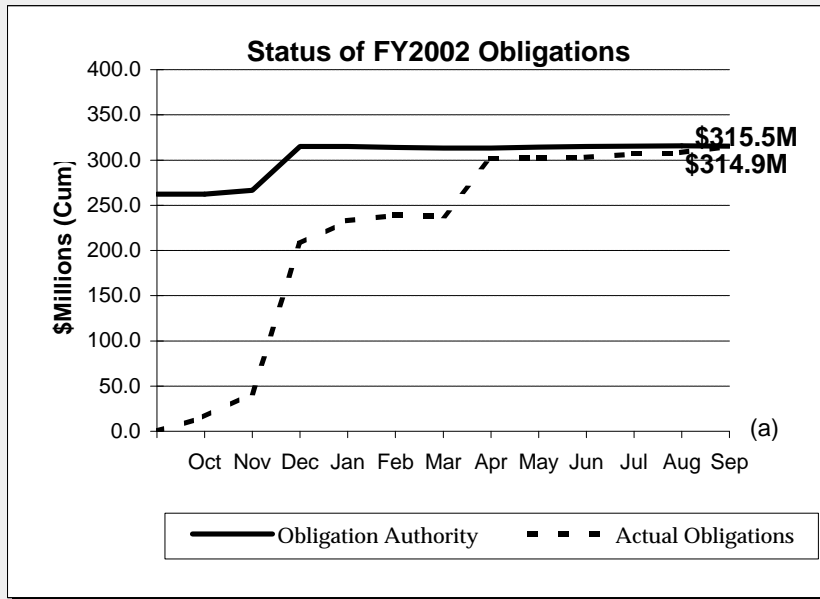
(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2002 September AFP and the most recent (i.e., September 30, 2002) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY2002 OBLIGATION AND COST STATUS YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

2-1



Note: Charts do not include Yucca Mountain quality assurance.

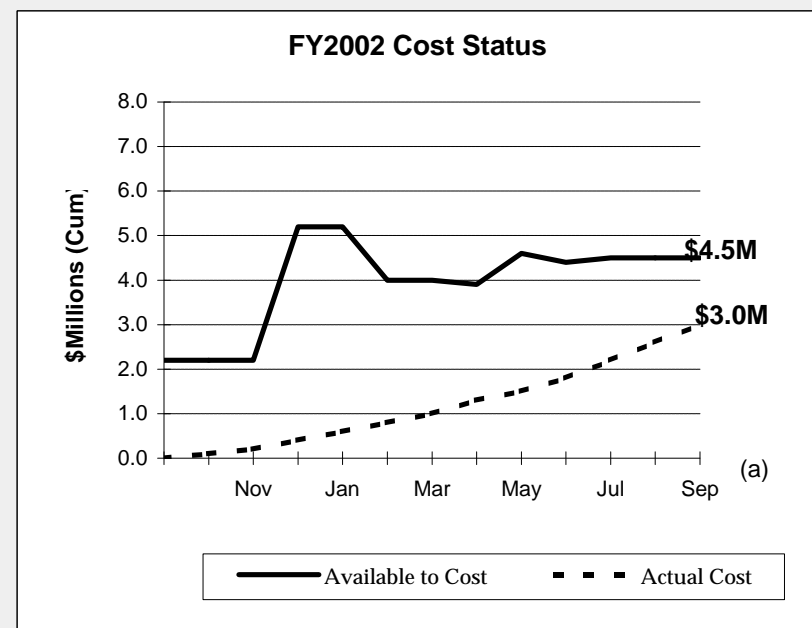
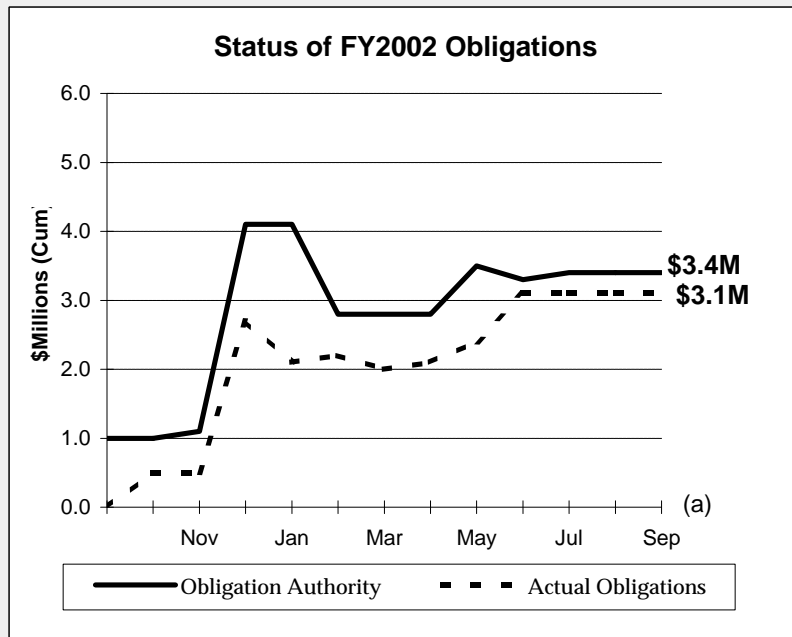
(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2002 September AFP and the most recent (i.e., September 30, 2002) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY2002 OBLIGATION AND COST STATUS WASTE ACCEPTANCE, STORAGE, AND TRANSPORTATION

3-1



Note: Charts do not include WAST quality assurance.

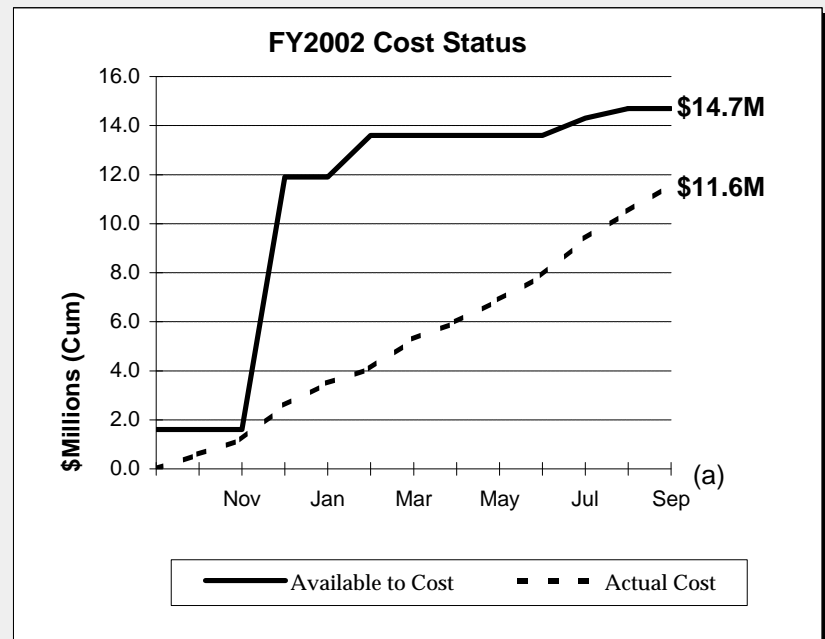
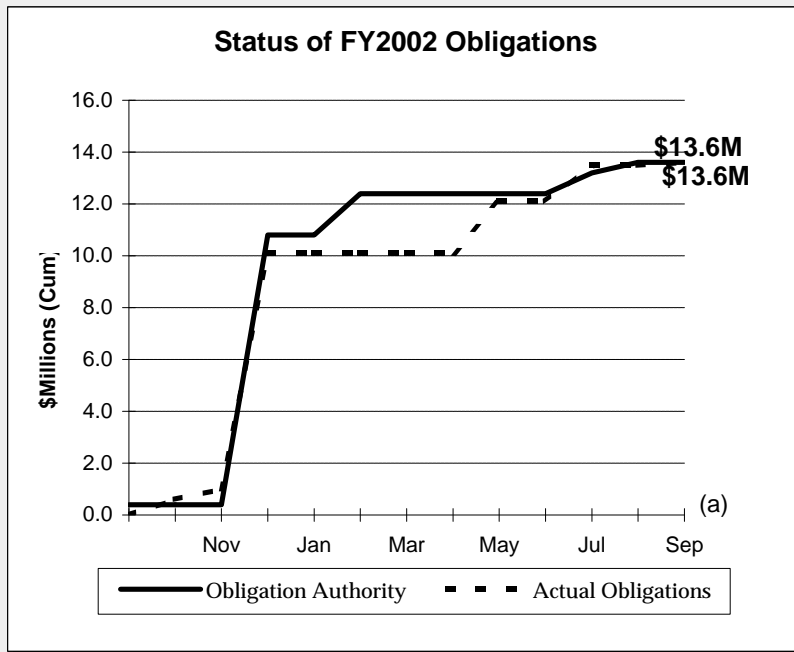
(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2002 September AFP and the most recent (i.e., September 30, 2002) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY2002 OBLIGATION AND COST STATUS QUALITY ASSURANCE

4-1



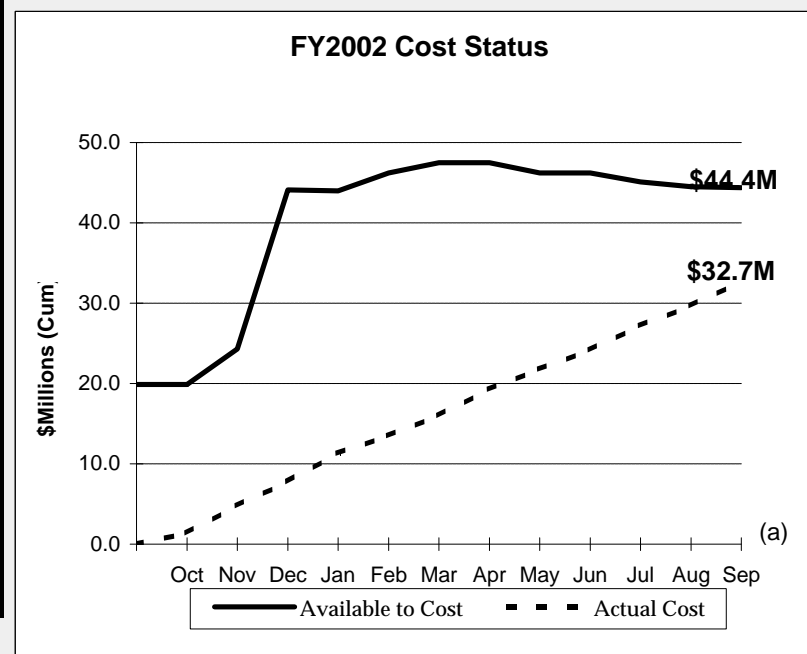
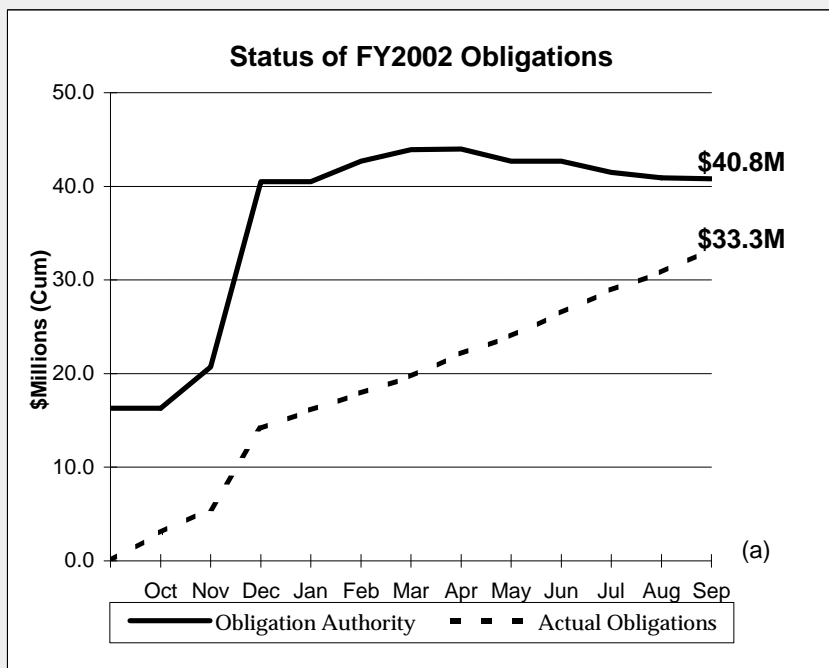
Note: Charts include Yucca Mountain and WAST quality assurance.

(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2002 September AFP and the most recent (i.e., September 30, 2002) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY2002 OBLIGATION AND COST STATUS PROGRAM MANAGEMENT

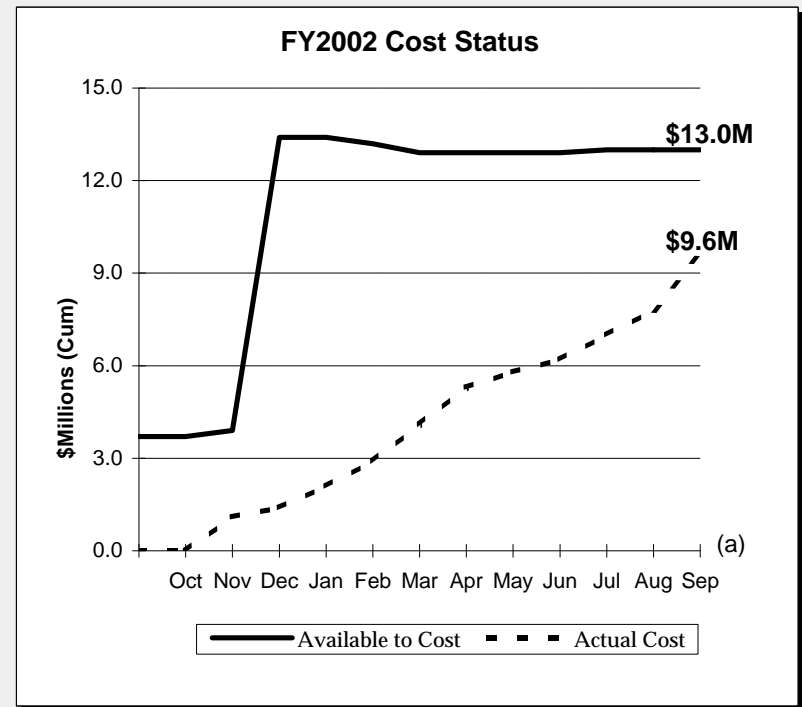
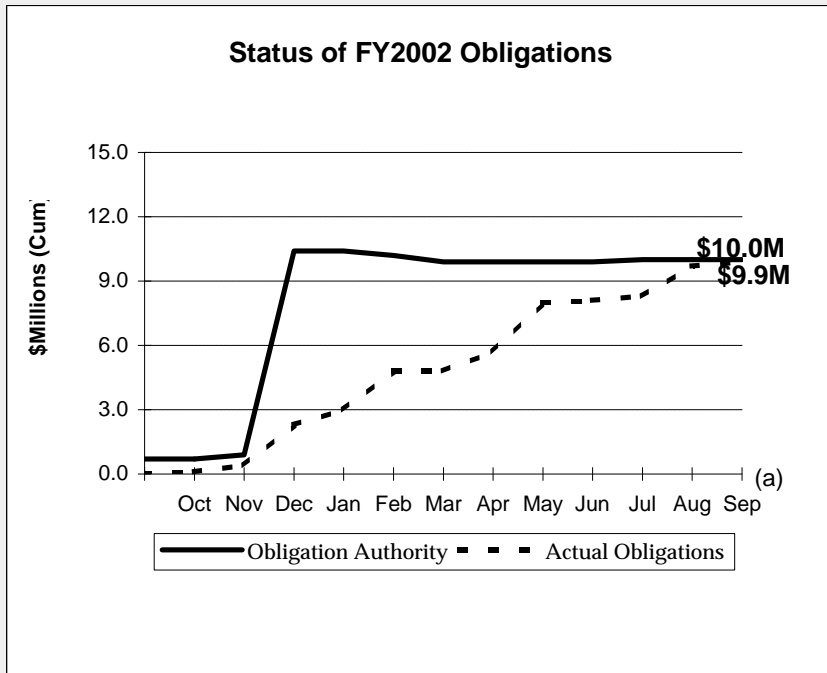


(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2002 September AFP and the most recent (i.e., September 30, 2002) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY2002 OBLIGATION AND COST STATUS HUMAN RESOURCES AND ADMINISTRATION



(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2002 September AFP and the most recent (i.e., September 30, 2002) FIS report.

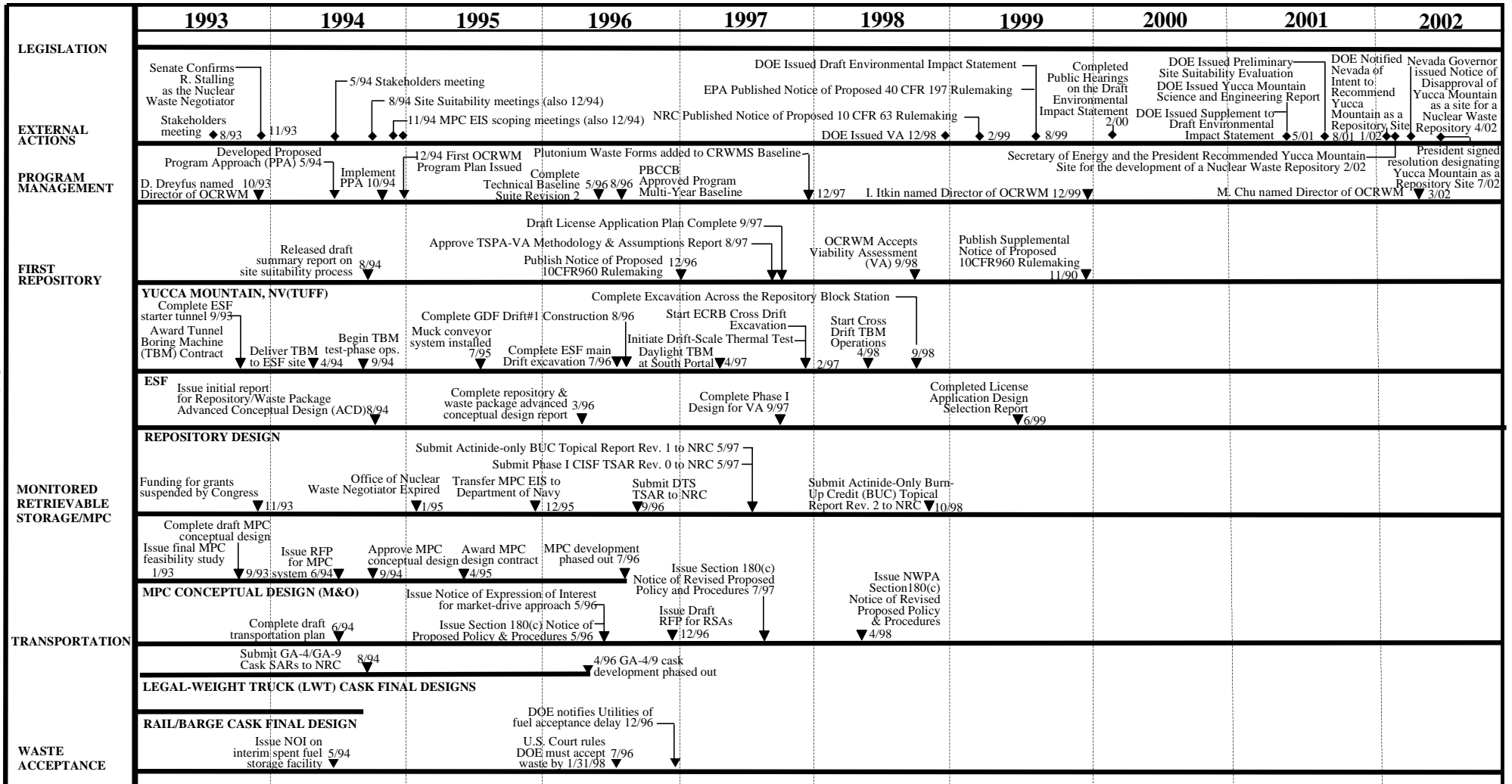
Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

Civilian Radioactive Waste Management Program/Major Historical Milestones (CY 1983-1992)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	
LEGISLATION	1/83 President signs Nuclear Waste Policy Act (NWPA) establishing OCRWM									10/92 Congress Enacts Energy Policy Act u	
EXTERNAL ACTIONS		8/84 NRC publishes waste confidence rulemaking u	4/85 President authorizes OCRWM to dispose DHEW u	7/86 NRC issues first license for independent dry spent fuel storage u			9/89 NRC publishes update to waste confidence rulemaking u		8/90 Senate confirms D. Leroy as the nuclear waste negotiator	1/91 NRC accepts OCRWM QA program	
PROGRAM MANAGEMENT	6/84 Issue Draft Mission Plan	6/84 B. Rusche named first Director of OCRWM t	6/85 Issue Mission Plan	1/87 Issue Draft Mission Plan Amendment t	6/87 Issue Mission Plan Amendment t	6/88 Issue Draft Mission Plan Amendment t	4/90 Issue Management Systems Improvement Strategy (MSIS) 8/90 J. Bartlett named Director of OCRWM	4/90 Issue Secretary's 60-day report to Congress t	8/90 Award M&O Contract t	9/91 Issue Draft Mission Plan Amendment t	5/92 First Director's Forum t
FIRST REPOSITORY	12/84 Issue final repository siting guidelines (10 CFR 960) t	12/84 Issue Draft EAs for 9 sites t	9/85 Issue final geologic & environ. Char. Reports t	5/86 Publish Final EAs Secretary nominates 5 sites President approves 3 sites for characterization t	12/87 NWPAA mandates Site Char. At Yucca Mountain only t	1/88 Issue SCP 12/88 Issue consultation draft Site Char. Plan (SCP) 1/88 Complete ESF Title I Design t	11/88 Issue updated ESF Title I Design summary report 10/91	12/88 Issue Section 175 socioeconomic report	2/92 Issue early site suitability evaluation report t	6/91 Receive air quality permits t	3/92 Receive final permit from Nevada t
SECOND REPOSITORY	2/83 Issue draft siting guidelines t	1/86 Issue draft area recommendation report (12 areas in 7 states) t	4/85 Issue final region-to-area screening methodology t	5/86 Postpone site-specific work for second repository indefinitely t	12/87 NWPAA terminates second repository program t				1/91 Issue report on alternatives for ESF config. t	12/91 Start ESF Title II (KD2) Design t	10/92 Start ESF Title II (KD2) ACD t
MONITORED RETRIEVABLE STORAGE (MRS)/ MULTI-PURPOSE CANISTER (MPC)	2/83 Start MRS conceptual design t	2/86 Issue MRS Environmental Assessment t	6/85 Issue report on need for & feasibility of an MRS t	3/87 Submit proposal for an MRS facility at Oak Ridge, TN t	12/87 Oak Ridge proposal annulled & revoked by NWPAA t	6/88 Start MRS systems study t	6/89 Issue MRS systems study summary report t	6/91 Issue report on DOE position on MRS facility t	10/91 Announce grants availability t	11/92 Generic MRS Conceptual Design Report t	10/92 Start Multi-Purpose Canister (MPC) feasibility study t
TRANSPORTATION		9/85 Issue draft Institutional Plan t	1/86 Issue Business Plan t					1/90 Issue draft Section 180(c) strategy for public comment t	7/91 Announce strategy to acquire existing technology casks t	11/92 Issue final Section 180(c) strategy t	
WASTE ACCEPTANCE	8/85 Sign standard contract with utilities t	6/85 Receive one-time fee payment t		6/87 Issue first annual capacity report t					12/91 Issue acceptance priority ranking t	1/92 Begin receiving delivery schedules t	

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Civilian Radioactive Waste Management Program/Major Historical Milestones (CY 1993-2002)



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PROGRAM COST HISTORY (d)
(NUCLEAR WASTE FUND AND DEFENSE APPROPRIATION)
(dollars in thousands)

	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY1992	FY 1993	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	TOTAL
OCRWM																					
FIRST REPOSITORY																					
Basalt Project	42,959	60,307	69,848	104,487	128,179	61,707	8,656	4,592	1,368	909	475	221	71	3	0	0	-12	0	60	0	483,831
Yucca Mountain Project	50,375	65,285	63,527	89,981	103,172	140,857	180,189	180,564	181,148	189,437	229,053	279,713	377,469	249,298	274,625	341,300	296,542	320,504	328,438	317,645	4,259,124
Salt Project	64,079	83,838	87,843	98,017	115,070	54,220	9,486	1,468	412	-193	525	-257	282	-155	27	-238	-73	230	0	0	514,579
RTP/Technical Support				37,404	47,667	38,072	17,855	5,743	11,335	481	108	533	-2	0	0	17	0	4	0	0	159,217
SECOND REPOSITORY	8,376	17,094	22,370	26,028	6,988	375	58	0	0	0	0	0	-3	5	0	0	0	0	0	0	81,291
WAST PROJECT																					
MRS	3,723	10,436	15,339	5,925	1,384	1,364	1,566	2,109	5,459	21,336	15,385	3,698	8,152	114	0	0	-11	0	0	0	95,979
Engineering Development (a)	0	0	179	3,097	10,557	7,991	5,323	10,255	9,055	6,398	4,290	12,065	9,709	15,381	947	328	-4	-18	10	0	95,561
Transportation System	0	1,541	2,226	5,768	10,835	15,582	25,901	21,628	19,792	16,635	15,149	15,167	10,736	5,665	3,317	2,114	267	-35	114	1,143	173,545
Waste Acceptance (b)										6,630	3,721	4,748	4,195	675	738	972	1,116	1,178	925	24,899	
Project Integration (e)											1,785	3,611	1,033	1,752	626	1,003	843	972	11,626		
Spent Fuel Storage											2,331	3,318	1,588	-187	174	35	0	0	0	7,259	
PROGRAM INTEGRATION																					
Quality Assurance	0	0	0	0	0	136	471	1,588	2,911	3,179	10,593	12,628	11,744	18,297	15,478	10,670	10,513	11,006	12,433	11,601	133,249
Program Management & Integration (8,651	36,382	54,350	64,824	54,909	51,850	60,830	57,978	71,225	66,417	59,347	50,855	51,331	34,845	31,037	33,314	29,791	30,193	31,679	32,720	912,531
Human Resources & Administration	147	1,108	574	584	686	275	283	7,661	5,287	10,795	28,433	27,096	31,065	10,825	9,344	10,240	7,347	8,996	9,510	9,600	179,853
TOTAL (OCRWM)	178,311	275,992	316,255	398,711	469,185	382,025	330,836	305,698	302,400	326,248	370,360	405,015	507,622	344,413	339,801	401,806	345,789	373,169	384,304	374,605	7,132,544
OCRWM																					
NWF Appropriation																					
Defense Appropriation (f)																					
	178,311	275,992	316,255	398,711	469,185	382,025	330,836	305,698	302,400	326,248	271,093	284,883	381,879	195,486	145,611	193,837	155,196	267,360	174,724	93,698	5,449,429
											99,267	120,132	125,743	148,927	194,189	207,969	190,593	105,809	209,580	280,907	1,683,115
TOTAL (OCRWM)	178,311	275,992	316,255	398,711	469,185	382,025	330,836	305,698	302,400	326,248	370,360	405,015	507,622	344,413	339,801	401,806	345,789	373,169	384,304	374,605	7,132,544
NON-OCRWM (g)																					
NRC Fees						19,932	18,674	22,870	19,650	19,962	21,100	22,000	22,000	11,000	15,000	15,000	17,000	19,150	21,600	23,650	288,588
NWTRB								2,000		3,294	2,060	2,160	2,664	2,531	2,600	2,600	2,600	2,600	2,900	3,100	31,109
NWN								5,959				1,000	1,000								7,959
TOTAL (NON-OCRWM)						19,932	18,674	30,829	19,650	23,256	23,160	25,160	25,664	13,531	17,600	17,600	19,600	21,750	24,500	26,750	327,656

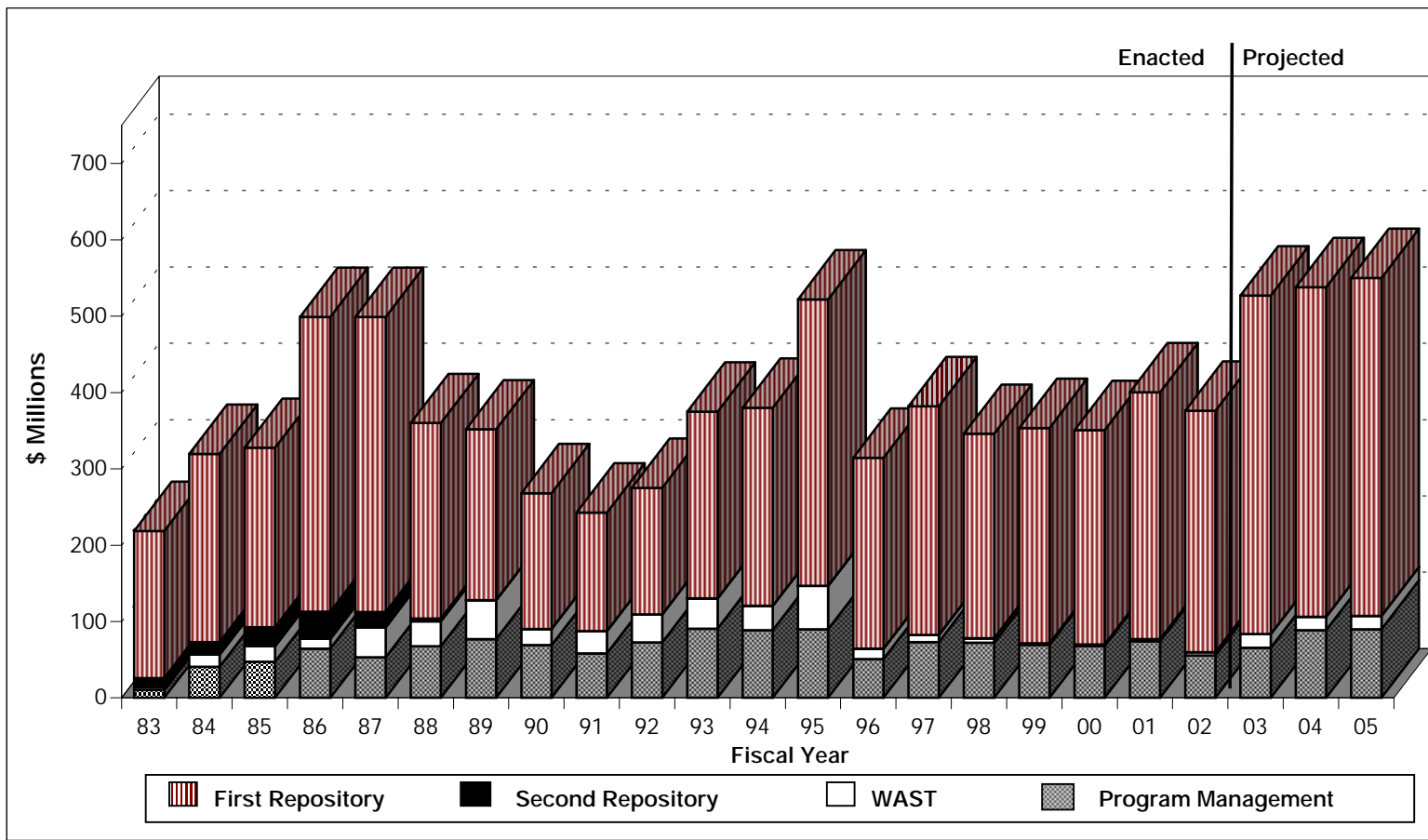
Note: Each cost entry is rounded to the nearest thousand. Rows and columns may not add due to this independent rounding.

- (a) Engineering Development costs include MPC development from FY 1993 through FY 1999.
- (b) Waste Acceptance costs prior to FY 1993 were included in Program Management and Integration.
- (c) Includes Debt Service from FY 1983 to FY 1985 of \$3.316M, \$4.472M, and \$2.512M, respectively. Does not include FY 1988 and FY 1989 NRC Fees costs of \$38,606,205 recorded in FIS in FY 1989.
- (d) All OCRWM cost categories are OCRWM baselined projects except for First Repository, Program Integration, and the subdivisions of the WAST Project. OCRWM costs are from End-of-Year Financial Information Systems Reports. Non-OCRWM costs before FY 1990 are NRC reported costs while after FY 1989 they are appropriations.
- (e) MRS Project Support costs are in Program Management and Integration in fiscal years 1993, 1994, and 1996 and in WAST Project Integration in fiscal year 1995.
- (f) Does not include costs from the \$5M in FY91 and \$7.5M in FY92 deposited into the nuclear waste fund by the Defense Environmental Restoration and Waste Management Program for the defense high-level waste disposal fee.
- (g) All costs are appropriations, except for NRC Fees in fiscal years 1988 and 1989, which are the actual costs reported by NRC.

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Program Budget History

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Note- Funding for support services was moved from WAST and First Repository to Program Management starting in FY 1997.

Sources: Enacted Appropriations and FY 2003 Congressional Budget Request

First Repository includes BWIP, SRPO, YMP, RTP, and Technical support through FY92. Includes \$100M in FY93, \$120M in FY94, \$129.43M in FY95, \$163.4M in FY96, \$200M in FY97, \$190M in FY98, \$189M in FY99, \$111.6M in FY00, \$209.7M in FY01, \$280M in FY02, \$315M in FY03, \$322M in FY04, and \$329M in FY05 from the Defense Nuclear Waste Disposal Appropriation. Does not include \$4M appropriated in FY99 from general revenues to assess accelerator transmutation of waste (ATW) technology. Does not include budget appropriated for NRC Fees, the NWN, or the NWTRB.

PROGRAM BUDGET HISTORY (a)
(NUCLEAR WASTE FUND AND DEFENSE APPROPRIATION) (b)
(dollars in thousands)

	FY83	FY84	FY85	FY86	FY87	FY88	FY89	FY90	FY91	FY92	FY93	FY94	FY95	FY96	FY97 (g)	FY98 (g)	FY99 (g,h)	FY00 (g,i)	FY01 (j)	FY02 (k)	Total
OCRWM (By category)																					
FIRST REPOSITORY	192,537	246,560	235,246	386,050	386,446	256,000	223,700	177,816	155,180	165,550	244,697	259,509	375,270	250,000	299,459	267,710	281,879	281,175	323,542	314,999	5,323,325
SECOND REPOSITORY	12,322	16,270	24,709	35,500	19,800	3,500															112,101
WAST PROJECT	3,499	15,900	20,344	12,925	39,700	33,000	51,000	21,200	29,310	36,848	39,630	31,866	56,729	13,600	9,360	5,947	1,850	1,795	2,661	4,623	431,787
PROGRAM MANAGEMENT (c, d)	10,242	40,891	47,370	64,562	53,054	67,500	77,132	69,040	58,340	72,673	90,744	88,625	90,061	50,867	73,181	72,343	69,736	67,937	74,176	55,089	1,293,563
TOTAL (OCRWM) (e)	218,600	319,621	327,669	499,037	499,000	360,000	351,832	268,056	242,830	275,071	375,071	380,000	522,060	314,467	382,000	346,000	353,465	350,907	400,379	374,711	7,160,776
OCRWM (By Approp)																					
NWF Appropriation	218,600	319,621	327,669	499,037	499,000	360,000	351,832	268,056	242,830	275,071	275,071	260,000	392,630	151,067	182,000	156,000	164,465	239,333	190,654	94,916	5,467,852
Defense Approp (e)											100,000	120,000	129,430	163,400	200,000	190,000	189,000	111,574	209,725	279,795	1,692,924
TOTAL (OCRWM) (e)	218,600	319,621	327,669	499,037	499,000	360,000	351,832	268,056	242,830	275,071	375,071	380,000	522,060	314,467	382,000	346,000	353,465	350,907	400,379	374,711	7,160,776
NON-OCRWM																					
NRC Fees							15,000	49,970	19,650	19,962	21,100	22,000	22,000	11,000	11,000	15,000	17,000	19,150	21,600	23,650	288,082
NWTRB								2,000		3,294	2,060	2,160	2,664	2,531	2,531	2,600	2,600	2,600	2,900	3,100	31,040
NWN (f)								5,959				1,000	1,000	0	0	0	0	0	0	0	7,959
TOTAL (NON-OCRWM)							15,000	57,929	19,650	23,256	23,160	25,160	25,664	13,531	13,531	17,600	19,600	21,750	24,500	26,750	327,081

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- (a) The source for each fiscal year's budget authority is the last Congressional Budget Request (CBR) which listed the BA for that year. For example, FY 1995 BA was last listed in the FY 1997 CBR.
- (b) This chart includes budget authority derived from the Nuclear Waste Fund which was appropriated for nuclear waste disposal, the Nuclear Waste Technical Review Board, the Nuclear Regulatory Commission, and the Nuclear Waste Negotiator. It also includes appropriations for defense nuclear waste disposal. This chart does not include non-Program budget authority such as the \$4M appropriated from general revenues in FY 1999 to assess accelerator transmutation of waste (ATW) technology nor sums appropriated for energy supply R&D activities conducted by OCRWM.
- (c) FY95 reflects the rescission of \$196K. FY96 reflects the rescission of \$559K by P.L. 104-134
- (d) Includes \$26K in FY95 and \$26K in FY96 from the DOE Departmental Administration appropriation funded from sources other than the NWF.
- (e) FY96 does not include \$85M appropriated for Interim Storage Facility (ISF), but not authorized. Does not include the \$5M in FY91 and \$7.5M in FY92 deposited into the nuclear waste fund by the Defense Environmental Restoration and Waste Management Program for the defense high-level waste disposal fee.
- (f) FY94 funded from sources other than the NWF.
- (g) First Repository and WAST Project support services funding is included in Program Management after FY 1996. FY98 reflects the rescission of \$4 million appropriated for NRC to use to license an MPC design.
- (h) The Emergency Steel Loan Guarantee and Emergency Oil and Gas Guaranteed Loan Act of 1999 (H.R. 1664) rescinded \$535,000 of FY 1999 funds from the Nuclear Waste Disposal Fund appropriation.
- (i) For FY 2000, Public Law 106-113 rescinded \$426,000 from the Defense Nuclear Waste Fund appropriation and \$899,000 from the Nuclear Waste Disposal Fund appropriation. \$239,225 of the Nuclear Waste Disposal Fund appropriation remained unobligated at the end of FY 2000 and expired. \$13,762 and \$14,847 of the FY 2000 appropriation expired in FY 2001 and FY 2002, respectively.
- (j) For FY 2001, the FY 2001 Consolidated Appropriations Act rescinded \$275,000 from the Defense Nuclear Waste Fund appropriation and \$420,000 from the Nuclear Waste Disposal Fund appropriation. FY 2001 includes \$10 million of funds previously appropriated in FY 1996 for interim waste storage activities in Public Law 104-46 in the Defense Appropriation. The remaining \$75 million from FY 1996 was rescinded.
- (k) Section 1403 of Public Law 107-206 rescinded \$205,000 from the Defense Nuclear Waste Disposal appropriation and \$84,000 from the Nuclear Waste Disposal appropriation. Not included is the settlement from a lawsuit against Flour Daniels from which DOE placed new Budget authority into the FY 2002 AFB in the amount of \$645,044 under the NWF appropriation and \$448,016 under the Defense Appropriation. Also not included are the \$97,090 of funds recovered from a settlement with Jacobs Engineering which DOE placed as new Budget Authority in the FY 2002 AFB under the NWF appropriation.