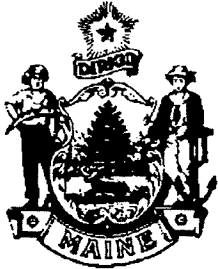


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STATE OF MAINE

ADVISORY COMMISSION ON RADIOACTIVE WASTE

1989 ANNUAL REPORT

January 1990

ANNUAL REPORT
of the
ADVISORY COMMISSION ON RADIOACTIVE WASTE
For the Calendar Year 1989

Introduction

The Maine Advisory Commission on Radioactive Waste was created in 1985 with two main purposes: to advise the Governor and the Legislature on radioactive waste management, and to help promote public understanding of and input into radioactive waste issues. In 1989, as in preceding years, Commission members and staff monitored developments concerning high-level and low-level radioactive waste management on federal and state levels. The Commission continued to share information and to help recommend appropriate courses of action.

Two circumstances led to somewhat greater public interest in low-level radioactive waste management in 1989 than in 1988. One was the Nov. 7, 1989, state referendum question asking voters if they approved a three-year waste disposal contract with the Rocky Mountain Low-level Radioactive Waste Board. The second circumstance was that the Maine Low-level Radioactive Waste Authority and the Citizens' Advisory Group it established in June 1989 began to get more media attention. Coverage peaked at the beginning of December, when the Authority unveiled a preliminary map showing parts of Maine excluded from consideration for a low-level waste facility.

The report which follows outlines major developments in high-level radioactive waste management (Section A) and low-level radioactive waste management (Section B) during 1989. Advisory Commission activities are briefly described in Sections C and D. Financial information prepared by the Maine Department of Environmental Protection is included as an appendix to the report.

A. High-level waste

The U. S. Department of Energy is still operating under the 1987 Congressional mandate to study Yucca Mountain in Nevada as a potential high-level radioactive waste repository. If Yucca Mountain is disqualified, Congress has directed DOE to stop work there and recommend an alternative course of action.

At the end of November 1989, DOE issued an updated report on the high-level repository program, as required by Congress in the DOE appropriations bill. The report postponed the opening of the high-level repository to 2010 at the earliest. It also announced a reorganization of the managerial structure for the Yucca Mountain project and called for a new approach to site testing focusing on possible disqualifying conditions first.

DOE continues to meet resistance from the State of Nevada. Nevada now contends it has exercised the veto power granted in the 1982 Nuclear Waste Policy Act. State officials have refused to issue environmental permits DOE needs for underground testing. The November 1989 DOE report proposed legal action to try to compel Nevada to act on the permit applications. As 1990 began, Nevada had filed suit against DOE, and DOE was reportedly planning to file suit against Nevada.

It seems unlikely that anything will be settled about the Yucca Mountain site for several more years. Consequently, there is no immediate danger that Maine will again be considered as a high-level repository site. However, the threat remains.

B. Low-level waste

The Maine Low-level Radioactive Waste Authority continues to prepare to site a Maine low-level radioactive waste disposal facility, and continues to amend its schedule as new delays are encountered.

During 1989, the E. C. Jordan Company and subcontractors, under contract to the Authority, developed recommended exclusionary criteria for a low-level radioactive waste disposal facility. The criteria were discussed at meetings of the Citizens' Advisory Group set up in June 1989 by the Authority and another contractor, Endispute Inc. of Massachusetts. In early December a map was released showing areas of the state that would be excluded by about half the proposed criteria (the other half had not yet been mapped). At year's end, the Authority was planning an open house in Rockland in January 1990, where the public would be invited to see displays explaining the process of developing the map.

In the fall of 1989, the Authority started preliminary work toward more detailed evaluation of potential sites by soliciting statements of qualifications from contractors. An Authority subcommittee found all 10 responders qualified to help with at least parts of future work and recommended the Authority plan to use all of them as needed. The Authority also contracted with Acres International of New York to review available facility designs, evaluating their suitability for Maine's waste stream and environment.

In the spring and summer of 1989, the legislature gave the Authority two new jobs. It was authorized to plan, site, and build a low-level radioactive waste storage facility, beginning in 1993, if it found Maine generators would need one. And it was designated to collect fees from generators to pay the annual charge under the Rocky Mountain contract.

To begin planning a storage facility, the Authority hired Dr. Constantine Maletskos of Massachusetts to survey Maine generators' storage capacity. His report was issued in the fall of 1989. The second task, assessing and collecting from generators to pay the Rocky Mountain Board, was carried out in a timely fashion for the Jan. 1, 1990, payment.

The Governor's Office, represented primarily by Public Advocate (and Advisory Commission member) Stephen Ward, had two major tasks during 1989. Mr. Ward negotiated a three-year low-level radioactive waste disposal contract with the Rocky Mountain Low-level Radioactive Waste Board. And he wrote and filed the governor's certification required to meet the Jan. 1, 1990, milestone in the federal Low-level Radioactive Waste Policy Amendments Act.

The Rocky Mountain contract was approved by the legislature in June 1989. Pursuant to the law passed as a result of a citizens' initiative in 1985, voters were asked on Nov. 7 whether they approved it. They did, by a margin of 124,618 (54.5%) to 103,857 (45.5%).

The contract runs through Dec. 31, 1992. It is designed primarily as an "insurance policy" in case the sited states (South Carolina, Nevada, and Washington) rule the governor's certification inadequate. The federal law says the certification is supposed to prove that Maine will be able to take care of its own low-level radioactive waste after 1993, even though no in-state facility will be built by then and no out-of-state agreement is yet in hand. If the sited states are not satisfied that Maine's plan can and will be implemented, they are allowed to deny Maine generators access to their facilities.

However, the contract will overrule the denial of access and allow Maine generators to ship waste to Nevada through Dec. 31, 1992. Such a guarantee averts a possible crisis early in 1990. It also gives Maine generators time to plan and build for storage beginning in 1993, when they definitely expect to be excluded from the existing facilities.

The Governor's certification, sent to the sited states, DOE, and the Nuclear Regulatory Commission in mid-December 1989, sets out a five-part program for post-1993 low-level waste management:

- An in-state disposal facility in operation by 1996.
- On-site storage by Maine generators beginning in January 1993.

- A central storage facility open by 1996 if disposal capacity cannot be provided by then.
- Continued efforts to arrange out-of-state disposal.
- The Rocky Mountain contract, guaranteeing Maine generators can begin 1993 with empty storage facilities.

The sited states are not expected to rule on the certification until late February 1990.

In January 1989 Mr. Ward sent Texas officials a proposed compact agreement between Maine and Texas. The agreement called for Maine to help pay for building and running Texas's low-level waste disposal facility, and to send its waste there. The Texas legislature adjourned in the spring of 1989 without acting on the proposal.

C. Advisory Commission activities

The Advisory Commission has monitored waste management activities in-state and nationally during 1989. In February, the Commission set up two subcommittees, one to prepare comments on pending legislation and one to prepare comments on the Authority's revised siting plan. Subcommittee reports were approved at the Commission's March meeting. They were implemented through testimony before the Energy and Natural Resources Committee on the bill amending the Authority's enabling law and through written comments to the Authority on its draft siting plan.

In September, Commission members voted unanimously to endorse the Rocky Mountain contract and recommend that voters approve it on Nov. 7. Subsequently, the Commission produced and distributed public informational materials on the contract (see Section D, below), and Commission members explained and defended it on several radio and television public affairs shows.

Commission members and staff have attended Authority and Citizens' Advisory Group meetings. They have also attended several national meetings, including the quarterly Low-level Waste Forum meeting held in Portland in October 1989.

The Commission continues to expand the radioactive waste library in its office, which is available to the public during office hours.

D. Commission members/meetings/publications/staff

Advisory Commission members during 1989 were:

	Term expires
Rep. James Mitchell, Chair	12/05/90
Commissioner Dean Marriott, Vice-chair	*
Walter Anderson, State Geologist	*
Joseph Blinick, licensee member	12/31/90
Sen. Stephen Bost	12/05/90
Rep. Reed Coles	12/05/90
Theresa Secord Hoffman, public member	12/31/89
Nancy Holland, public member	12/31/90
Donald Hoxie, Dep't of Human Services	*
Sen. Judy Kany	12/05/90
Rep. Willis Lord	12/05/90
Sen. Margaret Ludwig	12/05/90
Stephen Ward, Governor's Office	**
G. Douglas Whittier, licensee member	12/31/89***

* Ex officio

** Serves at the Governor's pleasure

*** Succeeded Charles Frizzle in April 1989

The Advisory Commission met Feb. 1, March 7, May 3, and Sept. 25, 1989.

The first session of the 114th legislature accepted the Audit and Program Review Committee's recommendation that the Advisory Commission be continued for another five years. Another "sunset" review is scheduled for 1992.

Seven issues of the Commission's Update newsletter were published in 1989 (January, March, May-June, June Extra [on the proposed Rocky Mountain contract], July-August, September-October, and November-December).

Before the Nov. 7 referendum on the Rocky Mountain contract, the Commission published a poster, a flyer, and a four-page fact sheet in a question and answer format. These materials were distributed to media, schools, municipal offices, libraries, legislators and the 1,300-plus people on the Commission's mailing list. Numerous requests for additional copies were received via the Commission's toll-free telephone line in late October and early November.

The Rocky Mountain public information materials and most of the 1989 newsletters were done on the new office computer and printer using publishing software. This process allows more control over the final result, better graphic quality, and greater variety (for example, the photograph on the cover of the November-December 1989 Update).

A 30-second Public Service Announcement was produced in the fall of 1989 and sent to seven television stations. The PSA invited viewers to call the Commission's 800 number for more information on radioactive waste management. Those who called were sent a document summarizing low-level waste management in Maine and suggesting sources for additional information.

The Commission staff during 1989 consisted of Robert Demkowicz, Environmental Specialist IV, working full-time, and Mary Grow, Public Information Specialist, working half-time. Sabra Haskell served as the Commission's half-time secretary from March through early November. Rose Whitehouse succeeded Mrs. Haskell on a part-time basis in November and December.

JANUARY 1990

ADVISORY COMMISSION
ON RADIOACTIVE WASTE

* * * FINANCIAL REPORT * * *

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ADVISORY COMMISSION ON RADIOACTIVE WASTE
REPORT FOR FISCAL YEAR 1989

REVENUE RECEIVED		
	FY '88	FY '89
	7/1/87-6/30/88	7/1/88-6/30/89
(A) Rad Waste Fund (4536.1,4530.2)	\$194,422	\$177,875
(B)D.O.E. Grant (3536.1)	(\$6,313)	
(C)General Fund (1536.1)	(\$9)	
Total Revenue Received	\$188,100	\$177,875
Plus Balance Fwd. from FY 88/89	\$69,951	\$72,125
TOTAL REVENUE AVAILABLE	\$258,051	\$250,000
 EXPENSE BY LINE ITEM: (4536.1&4530.2)		
Personal Services	\$90,366	\$74,184
Per Diem	\$610	\$325
Consultant Services	\$17,586	\$11,293
In-State Travel	\$462	\$661
Out of State Travel	\$9,233	\$11,921
Postage	\$5,529	\$4,957
Printing	\$6,751	\$6,906
General Operating*	\$11,435	\$23,715
Office Supplies	\$902	\$163
Rents	\$3,655	\$7,819
Indirect Cost-State C.A.P.	\$4,466	\$5,152
Capital Expenditures	\$2,480	\$803
 Total Expenses	\$153,475	\$133,760
Indirect Cost-DI-C.A.P.	\$32,451	\$17,162
**Cash transfer to Public Advocate	\$185,926	\$5,000
Total Cash Outlays*	\$185,926	\$155,922
 TOTAL BALANCES END OF PERIOD:	\$72,125	\$94,078

FEES INCOME BY GENERATOR - 4536.1		
	FY '88	FY'89
	7/1/87-6/30/88	7/1/88-6/30/89
Maine Yankee	\$380,667	\$173,004
Jackson Labs	\$2,437	\$1,738
Univ. of Maine	\$3,177	\$951
Foundation for Blood Research	\$1,871	\$0
(D)Portsmouth Naval Shipyard	\$0	\$0
Mt. Desert Bio.	\$1,606	\$491
Internat'l Paper Co.	\$1,132	\$0
FMC Corp.	\$600	\$300
Georgia Pacific	\$600	\$0
Bates College	\$600	\$300
Fraser Paper	\$600	\$0
Maine Medical Center	\$1,132	\$0
Colby College	\$0	\$300
Ventrex Lab	\$0	\$491
Agritech Sys	\$0	\$300
 TOTAL	\$394,422	\$177,875

\$200,000 of FY 88 income transferred to (4590.2) Radioactive Waste Authority leaving a balance of \$78,550 income into Rad Waste Fund accounts (4536.1, 4530.2)

- (A) 4536.1=Commission; 4530.2=Tech. Staff Balance shown includes balance forward from prior state fiscal year.
- (B) High Level Waste revenue-Dept. of Energy Fund
- (C) High Level Waste revenue-State of Maine General Fund
- (D) Portsmouth Naval Shipyard did not contribute to this fund

**Board approved cash transfer to the Public Advocate's Office (\$5000 FY '89 and \$5000 approved for FY '90) for expenditures incurred relating to Low Level Radioactive Waste (J#19117, June,'89).

*General Operating Expenses=Utilities + [Gen'l Operating(pg. 2) - postage - printing] + Other Supplies(pg.2)

Prepared 12/15/89
R.W. Fitzmaurice
#289-2691

ADVISORY COMMISSION ON RADIOACTIVE WASTE

REPORT FOR FISCAL YEAR 1989

6/30/89

Advisory Commission on Radioactive

Waste-Low & High Level-----4536.1

Technical Studies DEP-Low & High Level-4530.2

	4536.1		4530.2		ALL ACCOUNTS	
	BUDGETED	ACTUAL	BUDGETED	ACTUAL	BUDGETED	ACTUAL
Personal Services	\$6,000	\$325	\$111,962	\$74,184	\$117,962	\$74,509
Prof. Fees-Not State	\$0	\$0	\$2,000	\$11,293	\$2,000	\$11,293
Prof. Fees-By State	\$200	\$0	\$0	\$0	\$200	\$0
Travel-In state	\$1,000	\$0	\$500	\$661	\$1,500	\$661
Travel-Out of State	\$5,000	\$3,047	\$7,466	\$8,874	\$12,466	\$11,921
Utilities	\$2,000	\$1,550	\$3,000	\$1,665	\$5,000	\$3,215
Rents	\$0	\$4,747	\$2,400	\$3,072	\$2,400	\$7,819
Gen.Oper.Expense	\$6,006	\$3,269	\$10,000	\$13,645	\$16,006	\$16,914
Office Supplies	\$0	\$54	\$500	\$109	\$500	\$163
Other Supplies	\$0	\$1,173	\$700	\$137	\$700	\$1,310
Indirect Cost(STA-CAP)	\$835	\$369	\$5,722	\$4,783	\$6,557	\$5,152
Capital	\$0	\$0	\$1,451	\$803	\$1,451	\$803
TOTAL	\$21,041	\$14,534	\$137,828	\$119,226	\$166,742	\$133,760
Indirect Cost(DIE-CAP)	\$2,497	\$2,104	\$13,261	\$15,058		
GRAND TOTAL	\$23,538	\$16,638	\$151,089	\$134,284	\$166,742	\$133,760

ADVISORY COMMISSION ON RADIOACTIVE WASTE
REPORT FOR FISCAL YEAR 1990

<u>REVENUE RECEIVED</u>			<u>FEES INCOME BY GENERATOR - 4536.1</u>	
	<u>FY '89</u>	<u>FY '90</u>	<u>FY '89</u>	<u>FY'90</u>
	7/1/88-6/30/89	7/1/89-9/30/89	7/1/88-7/1/89	7/1/89-9/30/89
(A) Rad Waste Fund (4536.1,4530.2)				
Total Revenue Received	\$177,875	\$37,316	Maine Yankee	\$173,004
Plus Balance Fwd. from FY 88/89	\$72,125	\$111,238	Jackson Labs	\$1,738
TOTAL REVENUE AVAILABLE	\$250,000	\$148,554	Univ. of Maine	\$951
			Foundation for Blood Research	\$0
EXPENSE BY LINE ITEM: (4536.1&4530.2)				
Personal Services	\$74,184	\$17,685	(B)Portsmouth Naval Shipyard	\$0
Per Diem	\$325	\$0	Mt. Desert Bio.	\$491
Consultant Services	\$11,293	\$58	Internat'l Paper Co.	\$0
In-State Travel	\$661	\$300	FMC Corp.	\$300
Out of State Travel	\$11,921	\$350	Georgia Pacific	\$0
Postage	\$4,957	\$1,165	Bates College	\$300
Printing	\$6,906	\$1,363	Fraser Paper	\$0
General Operating	\$9,576	\$1,912	Maine Medical Center	\$0
Office Supplies	\$163	\$208	Colby College	\$300
Rents	\$7,819	\$2,046	Ventrex Lab	\$491
Indirect Cost--State C.A.P.	\$5,152	\$1,285	Agritech Sys	\$300
Capital Expenditures	\$803	\$10,782	Bigelow Lab for Ocean Sciences	\$300
Total Expenses	\$133,760	\$37,154	TOTAL	\$177,875
Indirect Cost--DI-C.A.P.	\$17,162			\$37,316
* * Cash transfer to Public Advocate	\$5,000			
Total Cash Outlays	\$155,922	\$37,154		
TOTAL BALANCES END OF PERIOD:	\$94,078	\$111,400		

**Board approved cash transfer to the Public Advocate's Office (\$5000 FY '89 and \$5000 approved for FY '90) for expenditures incurred relating to Low Level Radioactive Waste (J#19117, June,'89).

(A) 4536.1=Commission; 4530.2=Tech. Staff Balance shown includes balance forward from prior state fiscal year.
(B) Portsmouth Naval Shipyard did not contribute to this fund

ADVISORY COMMISSION ON RADIOACTIVE WASTE
 REPORT FOR FISCAL YEAR 1990
 9/30/89

Advisory Commission on Radioactive
 Waste-Low & High Level-----4536.1

Technical Studies DEP-Low & High Level-4530.2

	4536.1		4530.2		ALL ACCOUNTS	
	EXPENDITURES		EXPENDITURES		TOTAL	
	BUDGETED	ACTUAL	BUDGETED	ACTUAL	BUDGETED	ACTUAL
Personal Services	\$4,000	\$0	\$110,806	\$17,685	\$114,806	\$17,685
Prof. Fees-Not State	\$2,000	\$0	\$19,000	\$0	\$21,000	\$0
Prof. Fees-By State	\$0	\$0	\$300	\$58	\$300	\$58
Travel-In state	\$2,000	\$0	\$1,500	\$300	\$3,500	\$300
Travel-Out of State	\$10,000	\$0	\$12,500	\$350	\$22,500	\$350
Utilities	\$3,287	\$602	\$3,200	\$507	\$6,487	\$1,109
Rents	\$5,815	\$0	\$7,400	\$2,046	\$13,215	\$2,046
Gen.Oper.Expense	\$6,300	\$2,383	\$21,143	\$836	\$27,443	\$3,219
Office Supplies	\$0	\$32	\$1,500	\$176	\$1,500	\$208
Other Supplies	\$0	\$0	\$800	\$112	\$800	\$112
Indirect Cost(STA-CAP)	\$1,259	\$287	\$6,505	\$998	\$7,764	\$1,285
Capital	\$0	\$0	\$1,450	\$10,782	\$1,450	\$10,782
TOTAL	\$34,661	\$3,304	\$186,104	\$33,850	\$220,765	\$37,154
Indirect Cost(DIE-CAP)		\$542		\$3,962		\$4,503
GRAND TOTAL	\$34,661	\$3,846	\$186,104	\$37,812	\$220,765	\$41,657

ADVISORY COMMISSION ON RADIOACTIVE WASTE
REPORT FOR FISCAL YEAR 1990

REVENUE RECEIVED			FEES INCOME BY GENERATOR - 4536.1		
	FY '89	FY '90		FY '89	FY'90
	7/1/88-6/30/89	7/1/89-12/31/89		7/1/88-7/1/89	7/1/89- 12/31/89
(A) Rad Waste Fund (4536.1,4530.2)					
Total Revenue Received	\$177,875	\$70,598	Maine Yankee	\$173,004	\$66,713
Plus Balance Fwd. from FY 88/89	\$72,125	\$111,238	Jackson Labs	\$1,738	\$562
TOTAL REVENUE AVAILABLE	\$250,000	\$181,836	Univ. of Maine	\$951	\$837
EXPENSE BY LINE ITEM: (4536.1&4530.2)					
Personal Services	\$74,184	\$32,558	Foundation for Blood Research	\$0	\$300
Per Diem	\$325	\$75	(B)Portsmouth Naval Shipyard	\$0	
Consultant Services	\$11,293	\$1,244	Mt. Desert Bio.	\$491	\$300
In-State Travel	\$661	\$731	Internat'l Paper Co.	\$0	
Out of State Travel	\$11,921	\$748	FMC Corp.	\$300	\$300
Postage	\$4,957	\$3,174	Georgia Pacific	\$0	
Printing	\$6,906	\$2,628	Bates College	\$300	\$300
General Operating	\$9,576	\$5,039	Fraser Paper	\$0	
Office Supplies	\$163	\$536	Maine Medical Center	\$0	\$424
Rents	\$7,819	\$6,138	Colby College	\$300	
Indirect Cost-State C.A.P.	\$5,152	\$2,104	Ventrex Lab	\$491	\$562
Capital Expenditures	\$803	\$11,302	Agritech Sys	\$300	
			Bigelow Lab for Ocean Sciences	\$300	\$300
Total Expenses	\$133,760	\$66,277	TOTAL	\$177,875	\$70,598
Indirect Cost-DI-C.A.P.	\$17,162				
* * Cash transfer to Public Advocate	\$5,000	\$5,000			
Total Cash Outlays	\$155,922	\$71,277			
TOTAL BALANCES END OF PERIOD:	\$94,078	\$110,559			

**Board approved cash transfer to the Public Advocate's Office (\$5000 FY '89 and \$5000 approved for FY '90) for expenditures incurred relating to Low Level Radioactive Waste (J#19117, June,'89).

(A) 4536.1=Commission; 4530.2=Tech. Staff Balance shown includes balance forward from prior state fiscal year.

(B) Portsmouth Naval Shipyard did not contribute to this fund

Prepared 12/15/89
R.W. Fitzmaurice
#289-2691

ADVISORY COMMISSION ON RADIOACTIVE WASTE
 REPORT FOR FISCAL YEAR 1990
 12/31/89

Advisory Commission on Radioactive
 Waste-Low & High Level-----4536.1

Technical Studies DEP-Low & High Level-4530.2

	4536.1		4530.2		ALL ACCOUNTS	
	BUDGETED	ACTUAL	BUDGETED	ACTUAL	BUDGETED	ACTUAL
Personal Services	\$4,000	\$75	\$110,806	\$32,558	\$114,806	\$32,633
Prof. Fees-Not State	\$2,000	\$0	\$19,000	\$1,186	\$21,000	\$1,186
Prof. Fees-By State	\$0	\$0	\$300	\$58	\$300	\$58
Travel-In state	\$2,000	\$120	\$1,500	\$611	\$3,500	\$731
Travel-Out of State	\$10,000	\$0	\$12,500	\$748	\$22,500	\$748
Utilities	\$3,287	\$1,048	\$3,200	\$815	\$6,487	\$1,863
Rents	\$5,815	\$0	\$7,400	\$6,138	\$13,215	\$6,138
Gen.Oper.Expense	\$6,300	\$7,430	\$21,143	\$1,207	\$27,443	\$8,637
Office Supplies	\$0	\$203	\$1,500	\$333	\$1,500	\$536
Other Supplies	\$0	\$153	\$800	\$188	\$800	\$341
Indirect Cost(STA-CAP)	\$1,259	\$434	\$6,505	\$1,670	\$7,764	\$2,104
Capital	\$0	\$0	\$1,450	\$11,302	\$1,450	\$11,302
TOTAL	\$34,661	\$9,463	\$186,104	\$56,814	\$220,765	\$66,277
Indirect Cost(DIE-CAP)		\$1,621		\$7,870		\$9,490
GRAND TOTAL	\$34,661	\$11,084	\$186,104	\$64,684	\$220,765	\$75,767

ADVISORY COMMISSION ON RADIOACTIVE WASTE
BUDGET FOR FISCAL YEAR 1991

Advisory Commission on Radioactive
Waste-Low & High Level-----4536.1
Technical Studies DEP-Low & High Level---4530.2

	<u>4536.1</u>	<u>4530.2</u>	<u>TOTAL</u> <u>BUDGET</u>
	<u>BUDGETED</u>	<u>BUDGETED</u>	
PERSONAL SERVICES	\$4,000	\$113,782	\$117,782
Professional Services - Not State	\$0	\$3,000	\$3,000
Professional Services - By State	\$0	\$950	\$950
Travel - In State	\$1,000	\$500	\$1,500
Travel - Out of State	\$5,000	\$7,500	\$12,500
Utilities	\$3,200	\$3,200	\$6,400
Rents	\$0	\$7,400	\$7,400
General Operating Expense	\$6,300	\$10,500	\$16,800
Office Supplies		\$500	\$500
Other Supplies		\$800	\$800
Indirect Cost (STA-CAP)	\$806	\$6,119	\$6,925
 CAPITAL	 \$0	 \$850	 \$850
 TOTAL	 \$20,306	 \$155,101	 \$175,407
Indirect Cost (DIE-CAP)	\$3,500	\$26,590	\$30,090
 GRAND TOTAL	 <u>\$23,806</u>	 <u>\$181,691</u>	 <u>\$205,497</u>

NOTE: The above figures were estimates made in 1988 and they are not consistent with current revenue and expenditures. I expect this budget will be revised in May, 1990.
R. Demkowicz