

4403

**AGREEMENT IN PRINCIPLE FOR MONITORING
ACTIVITIES AT FERNALD, MOUND AND
PORTSMOUTH SITES**

04/12/93

**OEPA/DOE-FN
100
AGREEMENT**



State of Ohio Environmental Protection Agency

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AR 4403

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

APR 15 1 45 PM '93

George V. Voinovich
Governor

Donald R. Schregardus
Director

April 12, 1993

Mr. Jack Craig
U.S. DOE FEMP
P.O. Box 398705
Cincinnati, Ohio 45239-8705

Enclosed for your review is the Agreement In Principle (AIP) proposal for monitoring activities at Fernald, Mound, and Portsmouth sites.

Also enclosed are corrections to the Fernald Cost Recovery Grant proposal, we found several problems with our database and some typos.

If you have any questions please give me a call at (614) 644-2314.

Sincerely,

Pat Campbell

Pat Campbell,
Fiscal Officer, Ohio EPA

BUDGET INFORMATION — Non-Construction Programs

OMB Approval No. 0348-0044

4403

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1.		\$	\$	\$ 1,756,983	\$	\$ 1,756,983
2.						
3.						
4.						
5. TOTALS		\$	\$	\$	\$	\$

SECTION B - BUDGET CATEGORIES

Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY			Total (5)
	(1) Year One	(2)	(3)	
a. Personnel	\$ 309,766	\$	\$	\$ 309,766
b. Fringe Benefits	84,195			84,195
c. Travel/Training	37,852			37,852
d. Equipment	330,324			330,324
e. Supplies	33,485			33,485
f. Contractual	570,022			570,022
g. Construction	-0-			-0-
h. Other	320,152			320,152
i. Total Direct Charges (sum of 6a-6h)	1,683,865			1,683,865
j. Indirect Charges	71,187			71,187
k. TOTALS (sum of 6i and 6j)	\$ 1,756,983	\$	\$	\$ 1,756,983

Program Income				

Standard Form 424A (4-88)
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FERNALD

TASK NO. 1, GENERAL OVERSIGHT

JAN. 1, 1993 TO DEC. 31, 1997

PROGRAM: EMERGENCY AND REMEDIAL RESPONSE

TASK NARRATIVE:

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management and Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessments, feasibility studies, interim actions and final remedial actions. Provide expertise in regards to engineering remedial design, research, review, and distribute information regarding treatability studies, and pertinent technologies to DOE facilities.
- o Maintain logging, distribution of documents, records, and schedules associated with the Ohio EPA's involvement with the facilities. Responsible for typing of comprehensive analytical reports of DOE operations and requested quarterly reports, database inventory, copying and providing the maintenance and oversight of microfilming support for DOE documents and related correspondence.
- o Coordinating of assessing and reporting the technical progress of the AIP environmental tasks, specifically; the Environmental restoration, Corrective Actions and multi media environmental monitoring activities. Will provide coordination between risk assessments, ecological risk assessments, feasibility studies, interim actions, and final remedial actions. Will prepare synopsis of technical accomplishments for quarterly reports.

TASK 1, General Oversight

SALARY

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ MGR	Proj. Management	103%	2,142	\$55,325	\$41,599	\$56,985	\$59,264	\$61,635	\$64,100	\$283,583
Environ Spec. II	Risk Assess. Coord.	27%	562	\$32,724	\$6,450	\$8,835	\$9,188	\$9,556	\$9,938	\$43,967
Environ Spec. II	Project MNGR/Site	200%	4,160	\$32,724	\$47,777	\$65,448	\$68,066	\$70,789	\$73,621	\$325,701
Environ Spec. II	Health Physicist	30%	624	\$32,724	\$7,167	\$9,817	\$10,210	\$10,618	\$11,043	\$48,855
Environ Spec. II	RD/RA Coord	15%	312	\$32,724	\$3,583	\$4,909	\$5,105	\$5,309	\$5,521	\$24,427
Environ Spec. II	AIP Coord.	100%	2,080	\$32,724	\$23,889	\$32,724	\$34,033	\$35,394	\$36,810	\$162,850
Environ. Super.	Unit Supervisor	22%	458	\$38,569	\$6,194	\$8,485	\$8,824	\$9,177	\$9,544	\$42,224
Records MGR	Records MGR	50%	1,040	\$22,949	\$8,376	\$11,475	\$11,934	\$12,411	\$12,907	\$57,103
Office Assistant	General Clerical	32%	666	\$21,980	\$5,135	\$7,034	\$7,315	\$7,608	\$7,912	\$35,004
Totals					\$150,170	\$205,712	\$213,939	\$222,497	\$231,396	\$1,023,714

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$40,816	\$55,913	\$58,149	\$60,475	\$62,893	\$278,246
INDIRECT	\$34,511	\$47,276	\$49,166	\$51,133	\$53,178	\$235,264
SUPPLIES	\$16,478	\$16,478	\$16,478	\$16,478	\$16,478	\$82,390
TRAVEL TRAINING	\$25,798	\$25,798	\$25,798	\$25,798	\$25,798	\$128,990
EQUIPMENT	\$26,150	\$0	\$0	\$0	\$0	\$26,150
CONTRACT	\$513,298	\$588,590	\$588,980	\$519,532	\$519,928	\$2,730,328
OTHER	\$37,079	\$37,079	\$40,628	\$40,264	\$43,989	\$199,039
GRAND TOTAL	\$844,300	\$976,846	\$993,138	\$936,177	\$953,660	\$4,704,121

TASK NO. 1

CONTRACTUAL:

REMEDIAL CONSULTING:

2,730,328

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	200,000	200,000	200,000	200,000	200,000

LABORATORY ANALYSES:

375,000

To provide analyses of samples collected under the environmental monitoring program for DOE facilities.

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	75,000	75,000	75,000	75,000	75,000

MICROFILMING:

15,000

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	3,000	3,000	3,000	3,000	3,000

STAKE HOLDER FACILITATION CONTRACT:

1,289,983

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	225,941	300,941	300,941	231,091	231,069

TASK NO. 1

OTHER:

201,039

Motor vehicle, cost includes fuel, maintenance
repairs and insurance:

10,000

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	2,000	2,000	2,000	2,000	2,000

Communications, cost includes telephones, mail, and
delivery:

20,000

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	4,000	4,000	4,000	4,000	4,000

Maintenance repair of any item where it applies to site,
needs repair:

6,000

Years 3 through 5 only

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	0	0	2,000	2,000	2,000

TASK NO. 2, DOE FACILITIES LABORATORY MONITORING DATA

JAN. 1, 1993 TO DEC. 31, 1997

PROGRAM: EMERGENCY AND REMEDIAL RESPONSE

TASK NARRATIVE:

- o To provide a central point of contact for all Central and District Office staff for all of DOE related analytical needs. To coordinate collection and analyze split/duplicate samples. To review and assess data collection, validate and review reporting methods.
- o Develop and provide analytical contracts capable of analyzing all pertinent parameters including organics, inorganics and nuclides; i.e., gross alpha, beta, and gamma emitting nuclides. Coordinate and communicate district sampling request with the appropriate contract laboratories.
- o Review and validate environmental monitoring data.

TASK 2, DOE Facilities Laboratory Monitoring Data

SALARY

POSITION/CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ MGR	Manager	20%	416	\$55,325	\$8,077	\$11,065	\$11,508	\$11,968	\$12,447	\$55,065
Environ Spec. II	Lab Coord.	20%	416	\$32,724	\$4,778	\$6,545	\$6,807	\$7,079	\$7,362	\$32,571
Totals					\$12,855	\$17,610	\$18,315	\$19,047	\$19,809	\$87,636

		1993	1994	1995	1996	1997	TOTAL
FRINGE		\$3,494	\$4,786	\$4,978	\$5,177	\$5,384	\$23,819
INDIRECT		\$2,954	\$4,047	\$4,209	\$4,377	\$4,552	\$20,139
SUPPLIES		\$780	\$780	\$780	\$780	\$780	\$3,900
TRAVEL	TRAINING	\$2,218	\$2,218	\$2,218	\$2,218	\$2,218	\$11,090
EQUIPMENT		\$0	\$0	\$0	\$0	\$0	\$0
CONTRACT		\$2,807	\$2,787	\$2,899	\$3,016	\$3,137	\$14,646
OTHER		\$2,537	\$2,537	\$4,602	\$4,670	\$4,682	\$19,028
GRAND	TOTAL	\$27,645	\$34,765	\$38,001	\$39,285	\$40,562	\$180,258

SUPPLIES:

3,900

- A) Consumable office supplies to consist of necessary supplies for day-to-day office operation; example: paper, pencils, pens, folders, notebooks, memo paper.

.40 FTE x 700 = 280

- B) Safety and Sampling supplies, include but not limited to vinyl gloves, nitrite gloves, leather gloves, latex boot covers, tyvek, saranex, coveralls, refresher wipes, face shields, safety glasses, respirator cartridges, logbooks (weather resistant), plastic garbage bags, polyethylene sheeting, kaydry towels, stainless steel pans, stainless steel small spoons, stainless steel large spoons, duct tape, ph paper, chin-n-soil, ice, coolers, and package materials.

.20 FTE x 2,500 = 500

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru 12-31-93	1-1-94 thru 12-31-94	1-1-95 thru 12-31-95	1-1-96 thru 12-31-96	1-1-97 thru 12-31-97
	780	780	780	780	780

TASK NO. 2

4403

OTHER:

19,028

Motor vehicle, cost includes fuel, maintenance repairs and insurance:

2,500

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru 12-31-93	1-1-94 thru 12-31-94	1-1-95 thru 12-31-95	1-1-96 thru 12-31-96	1-1-97 thru 12-31-97
	500	500	500	500	500

Communications, cost includes telephones, mail, and delivery:

5,000

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru 12-31-93	1-1-94 thru 12-31-94	1-1-95 thru 12-31-95	1-1-96 thru 12-31-96	1-1-97 thru 12-31-97
	1,000	1,000	1,000	1,000	1,000

Maintenance repair of any item where it applies to site, needs repair:

6,000

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru 12-31-93	1-1-94 thru 12-31-94	1-1-95 thru 12-31-95	1-1-96 thru 12-31-96	1-1-97 thru 12-31-97
	0	0	2,000	2,000	2,000

TASK NO. 7

TRAVEL:

7,000

Travel provides for in-state and out-of-state by the Division of Hazardous Waste Management for trips, conferences for project related work:

	Transportation =====	Lodging =====	Meals =====	Misc. =====	Total =====
In-State Travel Overnight to Site (20 Nights)		1,000	400		1,400
		AVG.	AVG.		=====
					1,400

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	1,400	1,400	1,400	1,400	1,400

TASK NO. 8

TRAVEL:

3,500

Travel provides for in-state and out-of-state by the Division of Drinking and Ground Waters for trips, conferences for project related work:

	<u>Transportation</u>	<u>Lodging</u>	<u>Meals</u>	<u>Misc.</u>	<u>Total</u>
In-State Travel Overnight for Field Work (10 Nights)		500	200		700
		AVG.	AVG.		=====
					700

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	700	700	700	700	700

TASK NO. 10

4403

TRAVEL:

3,500

Travel provides for in-state and out-of-state by the Division of Air Pollution Control for trips, conferences for project related work:

	<u>Transportation</u>	<u>Lodging</u>	<u>Meals</u>	<u>Misc.</u>	<u>Total</u>
In-State Travel Overnight for Field Work (10 Nights)		500	200		700
					700

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	700	700	700	700	700

TASK NO. 11

TRAVEL:

6,300

Travel provides for in-state and out-of-state by the Division of Water Quality Planning and Assessment for trips, conferences for project related work:

	Transportation =====	Lodging =====	Meals =====	Misc. =====	Total =====
In-State Travel Overnight for Field Work (75 Nights)		250	100		350 =====
.60 FTE x 2,100 =					1,260

Yrs:	One	Two	Three	Four	Five
	1-1-93 thru	1-1-94 thru	1-1-95 thru	1-1-96 thru	1-1-97 thru
	12-31-93	12-31-94	12-31-95	12-31-96	12-31-97
	1,260	1,260	1,260	1,260	1,260

TASK NO. 12, EMERGENCY RESPONSE

JAN. 1, 1993 TO DEC. 31, 1997

PROGRAM: EMERGENCY RESPONSE

TASK NARRATIVE:

- o Develops familiarity with the facilities, evaluate hazards and potential sources of releases.
- o Act as liaison between Ohio EPA and OEMA in matters relating to off-site releases from the facilities including planning and participating in drills and exercises, respond to and investigate reports from or about releases at the facilities and prepare follow-up reports on incidents. Coordinate with DOE on preparation of emergency response plans.
- o Evaluate the Ohio Revised Code (ORC) 3750 Right to Know requirements for the facilities, review facilities documents and provide oversight of compliance with PCB regulations conduct SPCC plan and compliance inspections.

TASK 12, Emergency Response

SALARY

POSITION/CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ. Spec II	On Scene Coord.	25%	520	\$48,634	\$8,876	\$12,159	\$12,645	\$13,151	\$13,677	\$60,508
Totals					\$8,876	\$12,159	\$12,645	\$13,151	\$13,677	\$60,508

		1993	1994	1995	1996	1997	TOTAL
FRINGE		\$2,412	\$3,305	\$3,437	\$3,574	\$3,717	\$16,445
INDIRECT		\$2,040	\$2,794	\$2,906	\$3,022	\$3,143	\$13,905
SUPPLIES		\$800	\$800	\$800	\$800	\$800	\$4,000
TRAVEL	TRAINING	\$700	\$700	\$700	\$700	\$700	\$3,500
EQUIPMENT		\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000
CONTRACT		\$944	\$914	\$951	\$990	\$1,030	\$4,829
OTHER		\$3,965	\$3,965	\$4,062	\$4,164	\$4,272	\$20,428
GRAND	TOTAL	\$21,737	\$26,637	\$27,501	\$28,401	\$29,339	\$133,615

TASK NO. 13, DOE FACILITIES LABORATORY MONITORING DATA

JAN. 1, 1993 TO DEC. 31, 1997

PROGRAM: OHIO DEPARTMENT OF HEALTH

TASK NARRATIVE:

- o Health Physics Oversight: The Ohio Department of Health will Provide Health Physics support on Risk Assessment of a site characterization and remediation activities and coordinate with Ohio EPA in the evaluation of related environmental monitoring systems.

FERNALD Ohio Physics Oversight

	FTE	TOTALS
Personnel	8.00	\$498,078
Indirect		\$179,309
Operating		\$53,201 (5 Yr Total)

		FTE % Used									
		42%	39%	35%	35%	35%					
POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY	
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$6,410	\$7,983	\$7,472	\$7,771	\$8,082	\$37,718	
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$7,290	\$6,823	\$7,096	\$7,380	\$28,589	
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$4,013	\$4,997	\$4,677	\$4,864	\$5,059	\$23,610	
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$10,449	\$13,012	\$12,179	\$12,667	\$13,173	\$61,480	
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$0	\$13,012	\$12,179	\$12,667	\$13,173	\$51,031	
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$8,707	\$10,844	\$10,150	\$10,556	\$10,978	\$51,235	
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$10,018	\$9,377	\$9,752	\$10,142	\$39,289	
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$8,192	\$7,668	\$7,974	\$8,293	\$32,127	
Secretary	Secretary	50%	1,040	\$21,278	\$3,289	\$4,096	\$3,834	\$3,987	\$4,147	\$19,353	
Word Processor	Word Processor	100%	2,080	\$21,278	\$6,578	\$8,192	\$7,668	\$7,974	\$8,293	\$38,705	
FRINGE					\$11,834	\$26,291	\$24,608	\$25,592	\$26,616	\$114,941	
TOTAL PERSONNEL					\$51,280	\$113,927	\$106,635	\$110,900	\$115,336	\$498,078	
INDIRECT					\$18,461	\$41,014	\$38,389	\$39,924	\$41,521	\$179,309	
TOTAL					\$69,741	\$154,941	\$145,024	\$150,824	\$156,857	\$677,387	

Contractual: \$4,218

Medical
Monitoring

Years	1	2	3	4	5	Total
	\$846	\$843	\$843	\$843	\$843	\$4,218

Environmental Monitoring Oversight: For Radiological environmental monitoring, these efforts include develop and oversight of the radiological sampling plan and coordinating radiological lab analysis of samples for each site by the state of Ohio, the Ohio Dept. of Health

FERNALD Ohio Environmental Monitoring Oversight

	FTE	TOTALS
Personnel	7.00	\$431,737
Indirect		\$155,426
Operating		\$45,752

(5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	FTE % Used					TOTAL SALARY
					42%	39%	35%	35%	35%	
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$6,410	\$7,983	\$7,472	\$7,771	\$8,082	\$37,718
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$7,290	\$6,823	\$7,096	\$7,380	\$28,589
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$4,013	\$4,997	\$4,677	\$4,864	\$5,059	\$23,610
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$10,449	\$13,012	\$12,179	\$12,667	\$13,173	\$61,480
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$8,707	\$10,844	\$10,150	\$10,556	\$10,978	\$51,235
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$10,018	\$9,377	\$9,752	\$10,142	\$39,289
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$8,192	\$7,668	\$7,974	\$8,293	\$32,127
Secretary	Secretary	50%	1,040	\$21,278	\$3,289	\$4,096	\$3,834	\$3,987	\$4,147	\$19,353
Word Processor	Word Processor	100%	2,080	\$21,278	\$6,578	\$8,192	\$7,668	\$7,974	\$8,293	\$38,705
FRINGE					\$11,834	\$22,387	\$20,954	\$21,792	\$22,664	\$99,631
TOTAL PERSONNEL					\$51,280	\$97,011	\$90,802	\$94,433	\$98,211	\$431,737
INDIRECT					\$18,461	\$34,924	\$32,689	\$33,996	\$35,356	\$155,426
TOTAL					\$69,741	\$131,935	\$123,491	\$128,429	\$133,567	\$587,163

Contractual: \$889,301

Medical
Monitoring

Years	1	2	3	4	5	Total
	\$1,449	\$1,318	\$1,186	\$1,186	\$1,186	\$6,325

RAD Analysis

Years	1	2	3	4	5	Total
	\$42,350	\$271,198	\$220,048	\$175,749	\$173,631	\$882,976

NOTE: Under Ohio State's Accounting Systems expenditures made to another state agency are charged and budgeted in other. This proposal reflects the same.



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

4403

George V. Voinovich
Governor

Donald R. Schregardus
Director

TO: Jack Craig
FROM: Pat Campbell
SUBJECT: AIP
DATE: 4-12-93

Attached are corrections that DOE Headquarters had requested after their review of our AIP.

Please place these corrected pages in your AIP book.

April 14, 1993

Ms. Ellen Livingston
Director of Programmatic Guidance
and Compliance Staff
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585

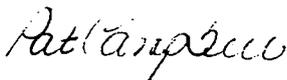
Dear Ms. Livingston:

Enclosed please find revised pages to replace portions of Ohio's Agreement In Principle (AIP) proposal originally submitted on February 12, 1993. The changes made are intended to accommodate your request for rewording relative to Emergency and Remedial Response and Hazardous Waste Monitoring Activities programs.

Please note that we have found it both desirable and necessary to retain the references to various documents and information to be reviewed. We have however attempted to clarify the direct relationship of that activity to environmental monitoring. We have also corrected the budget summary pages; fringe was added twice.

I hope that these changes are satisfactory and will allow for DOE to expeditiously offer approval of the proposal. Please feel free to contact me at (614) 644-2924 if I may be of further assistance.

Sincerely



Pat Campbell

cc: Wayne Hibbits, DOE Oakridge
Tom Winston, Chief, SWDO
Jennifer Tiell, Acting Chief Waste Programs, CO
Jeff Hines, Manager, SWDO
Jan Carlson, Acting Chief, DERR

DOE will provide financial support to Ohio as described in the attachments through a grant instrument entered in accordance with DOE Financial Assistance Rules, 10 CFR Subchapter H, Part 600, Subpart E. The support provided by DOE under this Agreement is intended to be used by the State to supplement activities conducted under applicable environmental laws and regulations, but does not include specific state permitting activities and legally required environmental oversight activities, such as issuance of regulatory permits, the review of DOE regulatory submissions when such review serves primarily as the basis for state action under regulatory programs, required regulatory inspections, and issuance of regulatory Notices of Violation and other citations.

2. In fulfilling their commitments under this Agreement, Ohio and DOE will make good faith efforts to define and meet mutually acceptable scopes and implementation plans. DOE will review and evaluate all comments received from Ohio on DOE environmental programs. However, DOE will continue to place its highest priority on compliance with regulatory requirements.
3. DOE will pursue the initiatives described in Attachments A and B of this Agreement. The general intent of these actions is for DOE to achieve more comprehensive environmental management programs consistent with the DOE Environmental Restoration and Waste Management Five Year Plan. DOE will provide Ohio an annual summary progress report on the action items described in Attachments A and B of this Agreement.
4. To the extent DOE provides financial and technical support, Ohio will pursue its initiatives described in Attachments A and C of this Agreement. The general intent of these Ohio actions is to assist DOE in assuring the adequacy of its environmental monitoring programs; to supplement ongoing state and local emergency preparedness programs; to assure their adequacy for response to DOE on-site incidents; and to promote a better understanding by local governments and the public of environmental activities at the DOE facilities included in this Agreement.
5. This Agreement and Attachments hereto will in no way diminish the authority of Ohio to fully carry out its statutory and regulatory responsibilities or exercise its authority under state and federal law or the right of DOE to raise any defenses available under law in the case of any enforcement action brought by Ohio, whether in an administrative or a judicial proceeding. Nothing in this Agreement relieves or alters any responsibility, commitment, or duty of the DOE

under any existing or future administrative or judicial order, or any right of Ohio to enforce such order. Nothing in this Agreement shall have any effect on Ohio's ability to object to or otherwise challenge DOE'S Environmental Restoration and Waste Management Five Year Plan.

6. DOE will take all necessary steps and use its best efforts to obtain timely funding to meet its commitments under this Agreement and to fund the grant instrument. However, no provision herein shall be interpreted to require the obligation or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. 1341. DOE's performance of the financial commitments to the State under this agreement is contingent upon the availability of appropriated funds allocated to this Agreement and the State's compliance with the terms and conditions of the grant instrument.
7. If appropriated funds are not available to fulfill DOE's obligations under this Agreement, the parties shall seek to reach understanding upon appropriate adjustments to the activities required by this Agreement. If such adjustments cannot be agreed upon, Ohio shall have the right to withdraw from this Agreement and initiate any action it deems appropriate. Upon written notice that Ohio intends to withdraw from this Agreement, DOE's and Ohio's duties and responsibilities under this Agreement shall terminate.
8. Should federal, state or local issues arise related to conditions or activities at the sites covered by this Agreement that could significantly affect public health or the environment, DOE and Ohio will commence discussions to modify this Agreement as appropriate.
9. This Agreement shall continue in effect for five (5) years after the effective date hereof and may be extended as mutually agreed. The effective date of this Agreement shall be the date last signed below. The parties agree to begin a joint review of this Agreement at least one year before its expiration to consider its extension and any mutually agreeable modifications. This Agreement shall only be amended or terminated prior to expiration by the written mutual agreement of both parties, except as provided in Paragraph 6., above. However, DOE funding obligations under this Agreement may be suspended or terminated by DOE, in whole or in part, if DOE determines, in accordance with applicable laws and regulations, that the State is not in compliance with the terms and conditions of the grant provisions and provides the State ninety (90) days prior written notice specifying such noncompliance and the State's right to appeal. Unless DOE and

the State agree otherwise, no period of suspension shall last longer than ninety (90) days. Ohio may appeal DOE's actions of this paragraph to the Financial/Assistance Appeals Board as set forth in 10 CFR part 1024.

10. Subject to applicable laws and regulations concerning security and public records, nothing in this Agreement shall be construed to prohibit the parties from using information developed under this Agreement in furtherance of their statutory duties, rights or obligations. However, it is the intent of the parties that any information provided under the terms of this Agreement shall not serve as the sole basis for initiation of regulatory action or the issuance of notices of regulatory violations, or notices of deficiencies, and usage of such information shall be consistent with the terms of this Agreement.
11. For purposes of this Agreement, the primary contact for Ohio is the Director of OEPA or designee, and the primary contact for the DOE is the Secretary of Energy or designee. All negotiations under this Agreement will be conducted through the respective primary contacts, subject to final approval by the signatories hereto, their successors or assigns.

NOW, THEREFORE, the parties hereto have signed this Agreement in recognition of their pledge of mutual best efforts to achieve through cooperation and negotiation in good faith the understanding as set forth above.

Donald R. Schregardus, Director
Ohio Environmental Protection
Agency

Paul D. Grimm
Acting Assistant Secretary for
Environmental Restoration and
Waste Management
U.S. Department of Energy

DATE: _____

DATE: _____

Attachment A

Page 2

- effluent monitoring;
 - environmental surveillance;
 - meteorological monitoring program;
 - radiological monitoring;
 - non-radiological monitoring, including:
 - * airborne emissions monitoring
 - * ambient air monitoring
 - * liquid effluent water monitoring
 - * water quality monitoring
 - groundwater monitoring
 - quality assurance and data verification
2. Air and liquid discharge reports as required by law, permit and compliance agreements: Air and liquid discharge reports can include those reports not specifically addressed in the Environmental Monitoring Plan. These can include:
- National Pollutant Discharge Elimination System point and non-point discharge reports
 - Annual National Emission Standards for Hazardous Air Pollutants Reports for Radionuclides other than Radon (and Radon-222 Air Emissions, if applicable)
 - Other reports specifically required by other agreements, such as the air and liquid discharge reports required under the Federal Facilities Compliance Agreement for the Fernald Environmental Management Project, Fernald, Ohio.
3. Monitoring Reports as required under the Resource Conservation Recovery Act (RCRA) programs: The reports required under RCRA can include groundwater monitoring reports and, as required, solid waste management unit and hazardous waste management unit emission reports. (The RCRA permit for each site includes monitoring requirements unique to that site's waste streams, treatment, storage, and disposal facilities.)
4. Toxic Chemical Release Inventory Report required under SARA Title III: The Toxic Release Inventory Report addresses information provided in accordance with Section 313 of the emergency Planning and Community Right-to-Know Act of 1986. It may consist of the toxic chemical release inventory reporting form developed to identify the EPA listed toxic chemicals (Section 313, Table II) which are "otherwise used" at the sites or in excess of the threshold determination in Section B.4 of the EPA Reporting Package No. 560/4-91-001.

EXECUTIVE SUMMARY for
U.S. D.O.E. AGREEMENT IN PRINCIPLE
January 1, 1993 through December 31, 1997

COST PER YEAR and
COST PER CATEGORY

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$125,560	\$197,172	\$207,929	\$216,248	\$224,892	\$971,802
PERSONNEL	\$453,999	\$705,830	\$743,625	\$773,373	\$804,292	\$3,481,119
INDIRECT	\$108,741	\$188,239	\$200,242	\$208,255	\$216,579	\$922,056
OPERATING	\$194,312	\$194,312	\$194,312	\$194,312	\$194,312	\$971,558
CONTRACTUAL	\$313,775	\$553,178	\$564,174	\$512,430	\$518,245	\$2,461,802
CAPITAL OUTLAY	\$735,683	\$165,404	\$129,103	\$118,215	\$106,891	\$1,255,296
OTHER(MISC)	\$95,659	\$76,000	\$96,708	\$84,000	\$84,000	\$436,367
TOTAL	\$2,027,729	\$2,080,135	\$2,136,093	\$2,106,832	\$2,149,211	\$10,500,000

EXECUTIVE SUMMARY for
U.S. D.O.E. MOUND
January 1, 1993-December 31,1997

COST PER YEAR and
COST PER CATEGORY

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$47,277	\$74,978	\$86,744	\$90,212	\$93,821	\$393,032
PERSONNEL	\$172,264	\$270,028	\$310,049	\$322,448	\$335,345	\$1,410,134
INDIRECT	\$38,910	\$69,240	\$85,685	\$89,110	\$92,675	\$375,620
OPERATING	\$83,451	\$83,451	\$83,451	\$83,451	\$83,451	\$417,257
CONTRACTUAL	\$102,144	\$179,892	\$238,892	\$216,858	\$219,443	\$957,229
CAPITAL OUTLAY	\$198,397	\$27,339	\$38,128	\$42,985	\$28,171	\$335,020
OTHER(MISC)	\$15,000	\$15,000	\$35,708	\$23,000	\$23,000	\$111,708
TOTAL	\$657,443	\$719,928	\$878,657	\$868,064	\$875,906	\$4,000,000

EXECUTIVE SUMMARY for
U.S. D.O.E. PORTSMOUTH
January 1, 1993-December 31, 1997

COST PER YEAR and
COST PER CATEGORY

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$42,935	\$68,920	\$67,293	\$69,987	\$72,782	\$321,917
PERSONNEL	\$154,138	\$244,827	\$240,004	\$249,607	\$259,582	\$1,148,157
INDIRECT	\$39,559	\$69,954	\$65,911	\$68,551	\$71,288	\$315,263
OPERATING	\$62,154	\$62,154	\$62,154	\$62,154	\$62,154	\$310,769
CONTRACTUAL	\$100,250	\$207,480	\$175,884	\$156,383	\$155,898	\$795,895
CAPITAL OUTLAY	\$280,346	\$70,186	\$47,548	\$43,856	\$46,277	\$488,213
OTHER(MISC)	\$27,787	\$23,000	\$23,000	\$23,000	\$23,000	\$119,787
TOTAL	\$707,167	\$746,521	\$681,794	\$673,538	\$690,981	\$3,500,000

**EXECUTIVE SUMMARY for
U.S. D.O.E. FERNALD
January 1, 1993-December 31, 1997**

**COST PER YEAR and
COST PER CATEGORY**

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$35,346	\$53,274	\$53,892	\$56,049	\$58,289	\$256,851
PERSONNEL	\$127,599	\$190,975	\$193,572	\$201,318	\$209,365	\$922,829
INDIRECT	\$30,272	\$49,045	\$48,646	\$50,594	\$52,616	\$231,173
OPERATING	\$48,707	\$48,707	\$48,707	\$48,707	\$48,707	\$243,534
CONTRACTUAL	\$111,381	\$165,806	\$149,398	\$139,189	\$142,904	\$708,678
CAPITAL OUTLAY	\$256,940	\$67,879	\$43,427	\$31,374	\$32,443	\$432,063
OTHER(MISC)	\$52,872	\$38,000	\$38,000	\$38,000	\$38,000	\$204,872
TOTAL	\$663,117	\$613,686	\$575,642	\$565,230	\$582,324	\$3,000,000

State Environmental Oversight and Monitoring Program
January 1, 1993 through December 31, 1997

Program: Emergency and Remedial Response

1) General Oversight

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management, to support assessment of Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessment, feasibility studies, interim actions and final remedial actions and related environmental monitoring systems.
- o Provide expertise in regard to review, comment and assessment of investigatory data, reports, risk assessments, ecological risk assessments, feasibility studies, interim actions and final remedial actions as they relate to environmental monitoring systems.

FERNALD EMERGENCY AND REMEDIAL RESPONSE

	FTE	TOTALS
Personnel	1.08	\$405,398
Indirect		\$73,255
Operating	\$13,500 1.08	\$72,900 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	77%	1,602	\$69,256	\$38,929	\$53,327	\$55,460	\$57,678	\$59,985	\$265,379
Environ Spec. II	Health Physicist	5%	104	\$32,724	\$1,194	\$1,636	\$1,701	\$1,769	\$1,840	\$8,140
Environ Spec. II	RD/RA Coord.	5%	104	\$32,724	\$1,194	\$1,636	\$1,701	\$1,769	\$1,840	\$8,140
Environ. Supr.	Unit Supervisor	10%	208	\$38,569	\$2,816	\$3,857	\$4,011	\$4,171	\$4,338	\$19,193
Environ. Supr.	Unit Supervisor	5%	104	\$38,569	\$1,408	\$1,928	\$2,005	\$2,085	\$2,168	\$9,594
Environ Spec. II	Risk Assess	3%	62	\$32,724	\$717	\$982	\$1,021	\$1,062	\$1,104	\$4,886
Office Assistant	General Clerical	3%	62	\$22,949	\$503	\$688	\$716	\$745	\$775	\$3,427
FRINGE					\$12,710	\$17,410	\$18,106	\$18,830	\$19,583	\$86,639
TOTAL PERSONNEL					\$59,471	\$81,464	\$84,721	\$88,109	\$91,633	\$405,398
INDIRECT					\$10,746	\$14,721	\$15,309	\$15,921	\$16,558	\$73,255
TOTAL					\$70,217	\$96,185	\$100,030	\$104,030	\$108,191	\$478,653

Contractual: \$224,200

Rad Consulting

Years	1	2	3	4	5	Total
	\$10,000	\$10,500	\$10,800	\$10,900	\$11,000	\$53,200

LabAnalyses

Years	1	2	3	4	5	Total
	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000

Med Monitoring

Years	1	2	3	4	5	Total
	\$2,000	\$2,100	\$2,200	\$2,300	\$2,400	\$11,000

Capital Outlay: \$6,000

Safety & Lab

Years	1	2	3	4	5	Total
	\$6,000	\$0	\$0	\$0	\$0	\$6,000

Monitor Equip.

2) DOE Facilities Laboratory Monitoring Data

- o To provide a central point of contact for all Central and District Office staff for all of DOE related analytical needs. To coordinate collection and analyze split/duplicate samples. To review and assess data collection, validate and review reporting methods.
- o Develop and provide analytical contracts capable of analyzing all pertinent parameters including organics, inorganics and nuclides; i.e., gross alpha, beta, and gamma emitting nuclides. Coordinate and communicate district sampling request with the appropriate contract laboratories.
- o Review and validate all environmental monitoring data.

State Environmental Oversight and Monitoring Program
January 1, 1993 through December 31, 1997

Program: Emergency and Remedial Response

1) General Oversight

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management, to support assessment of Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessment, feasibility studies, interim actions and final remedial actions and related environmental monitoring systems.
- o Provide expertise in regard to review, comment and assessment of investigatory data, reports, risk assessments, ecological risk assessments, feasibility studies, interim actions and final remedial actions as they relate to environmental monitoring systems.

Mound:General Oversight

	FTE	TOTALS
Personnel	1.70	\$576,039
Indirect		\$104,090
Operating	\$13,500 1.70	\$114,750 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	100%	2,080	\$69,256	\$50,557	\$69,256	\$72,026	\$74,907	\$77,903	\$344,649
Records Mgr.	Records MGR.	10%	208	\$20,259	\$1,479	\$2,026	\$2,107	\$2,191	\$2,279	\$10,082
Environ Spec. II	Health Physicist	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
Environ Spec. II	RD/RA Coord.	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
Environ. Supr.	Unit Supervisor	10%	208	\$38,569	\$2,816	\$3,857	\$4,011	\$4,171	\$4,338	\$19,193
Environ. Supr.	Unit Supervisor	10%	208	\$38,569	\$2,816	\$3,857	\$4,011	\$4,171	\$4,338	\$19,193
Environ Spec. II	Risk Assess	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
Office Assistant	General Clerical	10%	208	\$22,032	\$1,608	\$2,203	\$2,291	\$2,383	\$2,478	\$10,963
FRINGE					\$18,059	\$24,738	\$25,727	\$26,756	\$27,827	\$123,107
TOTAL PERSONNEL					\$84,502	\$115,753	\$120,382	\$125,196	\$130,206	\$576,039
INDIRECT					\$15,270	\$20,917	\$21,753	\$22,623	\$23,528	\$104,090
TOTAL					\$99,772	\$136,670	\$142,135	\$147,819	\$153,734	\$680,129

Contractual \$354,921

Rad Consulting
Service

Years	1	2	3	4	5	Total
	\$20,000	\$21,000	\$22,050	\$23,153	\$24,310	\$110,513

LabAnalyses

Years	1	2	3	4	5	Total
	\$30,435	\$39,946	\$41,943	\$44,041	\$46,243	\$202,608

Med. Monitoring

Years	1	2	3	4	5	Total
	\$7,500	\$8,200	\$8,500	\$8,700	\$8,900	\$41,800

Capital Outlay: \$6,000

Misc. Safety and
Monitoring

Years	1	2	3	4	5	Total
	\$6,000	\$0	\$0	\$0	\$0	\$6,000

PORTSMOUTH

State Environmental Oversight and Monitoring Program
January 1, 1993 through December 31, 1997

4403

Program: Emergency and Remedial Response

1) General Oversight

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management, to support assessment of Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessment, feasibility studies, interim actions and final remedial actions and related environmental monitoring systems.
- o Provide expertise in regard to review, comment and assessment of investigatory data, reports, risk assessments, ecological risk assessments, feasibility studies, interim actions and final remedial actions as they relate to environmental monitoring systems.

PORTSMOUTH EMERGENCY AND REMEDIAL RESPONSE

	FTE	TOTALS	
Personnel	0.90	\$344,120	
Indirect		\$62,182	
Operating	\$13,500 0.90	\$60,750	(5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	70%	1,456	\$69,256	\$35,390	\$48,479	\$50,418	\$52,435	\$54,532	\$241,254
Record Mgr	Record Mgr	5%	104	\$20,259	\$739	\$1,013	\$1,054	\$1,096	\$1,140	\$5,042
Environ Spec. II	Health Physicist	3%	62	\$32,724	\$717	\$982	\$1,021	\$1,062	\$1,104	\$4,886
Environ Spec. II	RD/RA Coord.	3%	62	\$38,569	\$845	\$1,157	\$1,203	\$1,251	\$1,301	\$5,757
Environ. Supr.	Unit Supervisor	2%	42	\$38,569	\$563	\$771	\$802	\$834	\$867	\$3,837
Environ Spec. II	Risk Assess	4%	83	\$32,724	\$956	\$1,309	\$1,361	\$1,415	\$1,472	\$6,513
Office Assistant	General Clerical	3%	62	\$22,032	\$483	\$661	\$687	\$714	\$743	\$3,288
FRINGE					\$10,789	\$14,778	\$15,369	\$15,984	\$16,623	\$73,543
TOTAL PERSONNEL					\$50,482	\$69,150	\$71,915	\$74,791	\$77,782	\$344,120
INDIRECT					\$9,122	\$12,495	\$12,995	\$13,515	\$14,055	\$62,182
TOTAL					\$59,604	\$81,645	\$84,910	\$88,306	\$91,837	\$406,302

Contractual: \$218,699

Rad. Consulting

Years	1	2	3	4	5	Total
	\$10,000	\$10,500	\$11,025	\$11,576	\$12,155	\$55,256

Lab. Analyses

Years	1	2	3	4	5	Total
	\$34,945	\$37,350	\$22,808	\$28,820	\$28,520	\$152,443

Med. Monitor

Years	1	2	3	4	5	Total
	\$2,000	\$2,100	\$2,200	\$2,300	\$2,400	\$11,000

Capital Outlay: \$12,820

Misc. Saftey &

Monitor Equip

Years	1	2	3	4	5	Total
	\$12,820	\$0	\$0	\$0	\$0	\$12,820

2) DOE Facilities Laboratory Monitoring Data

- o To provide a central point of contact for all Central and District Office staff for all of DOE related analytical needs. To review and assess data collection, validate and review reporting methods.
- o Develop and provide analytical contracts capable of analyzing all pertinent parameters Coordinate and communicate district sampling request with the appropriate contract laboratories.
- o Review and validate environmental monitoring data.

8) RCRA Oversight

- To provide expertise in regard to review, comment and assessment of hazardous waste monitoring systems, with activities to include review of closure submittals, waste minimization submittals, background studies, annual reports, waste and residue characterization plans, release information and hazardous and mixed waste inventories as they relate to environmental monitoring systems. To provide expertise in regard to engineering design, research, and information associated with any hazardous waste management units as they relate to environmental monitoring systems. Coordinate activities with other divisions and state agencies involved in environmental monitoring oversight.

Mound: Hazardous Waste Monitoring Activities

	FTE	TOTALS
Personnel	0.25	\$49,710
Indirect		\$8,983
Operating	\$13,500 0.25	\$16,875 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec.II	Site Coord	25%	520	\$31,417	\$5,734	\$7,854	\$8,168	\$8,495	\$8,835	\$39,086
				FRINGE	\$1,558	\$2,135	\$2,220	\$2,309	\$2,401	\$10,624
				TOTAL PERSONNEL	\$7,292	\$9,989	\$10,389	\$10,804	\$11,236	\$49,710
				INDIRECT	\$1,318	\$1,805	\$1,877	\$1,952	\$2,030	\$8,983
				TOTAL	\$8,610	\$11,794	\$12,266	\$12,756	\$13,267	\$58,693

Program: Drinking and Ground Waters

9) Drinking and Ground Waters

- To review, comment and make recommendations in facility reports or plans pertaining to ground water monitoring system design, ground water sampling, hydrogeological assessment and ground water remedial design and activities.
- Observe and participate in ground water related activities required by other agency divisions.
- Collect samples of ground water on and off site, review existing ground water data pertaining to the site and compare to current data to determine trends.
- Assess the contaminant transport and ground water flow models for ground water systems in and around the facility if needed.

Mound: Drinking and Ground Water

	FTE	TOTALS
Personnel	0.20	\$42,606
Indirect		\$7,699
Operating	\$13,500 0.20	\$13,500 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Geo.Proj. Sup.	Unit Sup.	5%	104	\$37,567	\$1,371	\$1,878	\$1,954	\$2,032	\$2,113	\$9,348
Geo 4	Geo 4	5%	104	\$33,867	\$1,236	\$1,693	\$1,761	\$1,832	\$1,905	\$8,427
Geo 4	Geo 4	5%	104	\$33,867	\$1,236	\$1,693	\$1,761	\$1,832	\$1,905	\$8,427
Geo 4	Geo 3	5%	104	\$29,335	\$1,071	\$1,467	\$1,525	\$1,586	\$1,650	\$7,299
				FRINGE	\$1,336	\$1,830	\$1,903	\$1,979	\$2,058	\$9,105
				TOTAL PERSONNEL	\$6,250	\$8,561	\$8,904	\$9,260	\$9,630	\$42,606
				INDIRECT	\$1,129	\$1,547	\$1,609	\$1,673	\$1,740	\$7,699
				TOTAL	\$7,379	\$10,109	\$10,513	\$10,933	\$11,371	\$50,305

Contractual: \$935

Med Monitor

Years	1	2	3	4	5	Total
	\$150	\$175	\$190	\$205	\$215	\$935

- o To provide and manage "Level-of-Effort" contracts to have the ability to quickly mobilize for field work or unusual work events.
- o To provide strict adherence to legal procedures for state bidding and contracts.
- o To oversee contracts management through mobilization orders, related work documents, field supervision, invoice oversight and any other related work.

Portsmouth DOE Facilities Contract Management and Oversight

	FTE	TOTALS
Personnel	0.05	\$9,943
Indirect		\$1,796
Operating	\$13,500 0.05	\$3,375 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Environ Spec. II	5%	104	\$31,417	\$1,147	\$1,571	\$1,634	\$1,699	\$1,767	\$7,818
				FRINGE	\$312	\$427	\$444	\$462	\$480	\$2,125
				TOTAL PERSONNEL	\$1,459	\$1,998	\$2,078	\$2,161	\$2,247	\$9,943
				INDIRECT	\$264	\$361	\$375	\$390	\$406	\$1,796
				TOTAL	\$1,723	\$2,359	\$2,453	\$2,551	\$2,653	\$11,739

Contractual: \$372

Med Monitor

Years	1	2	3	4	5	Total
	\$50	\$66	\$70	\$84	\$102	\$372

Program: Hazardous Waste Monitoring Activities

7) RCRA Oversight

- o To provide expertise in regard to review, comment and assessment of hazardous waste monitoring systems, with activities to include review of closure submittals, waste minimization submittals, background studies, annual reports, waste and residue characterization plans, release information and hazardous and mixed waste inventories as they relate to environmental monitoring systems. To provide expertise in regard to engineering design, research, and information associated with any hazardous waste management units as they relate to environmental monitoring systems. coordinate activities with other divisions and state agencies involved in environmental monitoring oversight.

Portsmouth Hazardous Waste Monitoring Activities

	FTE	TOTALS
Personnel	0.15	\$29,830
Indirect		\$5,390
Operating	\$13,500 0.15	\$10,125 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	15%	312	\$31,417	\$3,440	\$4,713	\$4,902	\$5,098	\$5,302	\$23,455
				FRINGE	\$935	\$1,281	\$1,332	\$1,386	\$1,441	\$6,375
				TOTAL PERSONNEL	\$4,375	\$5,994	\$6,234	\$6,484	\$6,743	\$29,830
				INDIRECT	\$791	\$1,083	\$1,126	\$1,172	\$1,218	\$5,390
				TOTAL	\$5,166	\$7,077	\$7,360	\$7,656	\$7,961	\$35,220

Program: Drinking and Ground Waters

8) Drinking and Ground Waters

- o To review, comment and make recommendations in facility reports or plans pertaining to ground water monitoring system design, ground water sampling, hydrogeological assessment and ground water remedial design and activities.
- o Observe and participate in ground water related activities required by other agency divisions.
- o Collect samples of ground water on and off site, review existing ground water data pertaining to the site and compare to current data to determine trends.
- o Assess the contaminant transport and ground water flow models for ground water systems in and around the facility if needed.

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

George V. Voinovich
Governor

Donald R. Schregardus
Director

February 12, 1993

Ms. Ellen Livingston
Director of Programmatic Guidance
and Compliance Staff
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington D.C. 20585

Dear Ms. Livingston:

On behalf of the State of Ohio I am pleased to submit Ohio's revised Agreement in Principle (AIP) proposal for monitoring and oversight activities at DOE's Fernald, Mound and Portsmouth sites. This proposal, in conjunction with cost recovery grants for the three sites, is the product of an extensive evaluation of the activities Ohio should undertake to provide adequate monitoring and oversight at these facilities. As you know, detailed discussions took place over the last 16 months to reach agreement on the level and scope of these efforts. We feel that our program will benefit both DOE and the citizens of Ohio.

In general, the proposal is consistent with the October 20, 1992 letter of commitment to Governor Voinovich from former Secretary Watkins. Cost recovery grant proposals for each site will follow shortly, although it is important to note that negotiations to revise the Portsmouth interagency agreement have yet to be completed. We have worked very hard to achieve the splits between the AIP and cost recovery that you proposed. Please note that Fernald AIP activities have been reduced consistent with your target numbers. We agree that activities at a closed site undertaking a cleanup would more appropriately be categorized as cost recovery.

I would like to thank you and your staff for the time and effort you put into this project. I would appreciate your prompt attention and expeditious review so that we can move forward on this important program.

If you have any specific questions please contact Pat Campbell at (614) 644-2314.

Sincerely,


Donald R. Schregardus
Director

AGREEMENT IN PRINCIPLE

4403



United States Department of Energy
FEMP, Portsmouth, Mound



Ohio Environmental Protection Agency
Ohio Department of Health
Ohio Emergency Management Agency

For Environmental Monitoring Oversight

Submitted By:

State of Ohio
Environmental Protection Agency

February, 1993

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STATE OF OHIO
DEPARTMENT OF ENERGY
AGREEMENT IN PRINCIPLE

FY 1993 THROUGH 1997

AGREEMENT IN PRINCIPLE**Between the United States Department of Energy
and the State of Ohio**

This Agreement is entered into between the United States Department of Energy (DOE) and the State of Ohio. DOE is the owner/operator of three Sites in Ohio which are the subject of this Agreement: Fernald Environmental Management Project, Fernald, Ohio; Mound Plant, Miamisburg, Ohio; and the Portsmouth Gaseous Diffusion Plant, Piketon, Ohio.

The Ohio Environmental Protection Agency (OEPA) is acting on behalf of the State of Ohio and for the Ohio Department of Health (ODH) and Ohio Emergency Management Agency (OEMA). As lead agency, OEPA will apply for and receive the funds provided under the grant instrument created pursuant hereto and will be responsible for the distribution of such funds and reporting to DOE.

This Agreement reflects the understanding and commitments between the parties regarding DOE's provision to Ohio of specific financial and technical support for State activities related to: 1) State review of DOE environmental monitoring programs, including limited independent data collection as necessary to validate DOE data; 2) planning for response to on-site emergencies; 3) public information program related to environmental activities at DOE sites; and 4) attendance at relevant and appropriate DOE meetings and workshops. CERCLA cost recovery is covered, or to be covered under separate agreements.

The understanding between the parties is further specified in the Attachments to this Agreement, all of which are incorporated herein by reference. The five Attachments are:

- Attachment A: Monitoring
- Attachment B: DOE Action Items
- Attachment C: Ohio Action Items
- Attachment D: Grant Provisions
- Attachment E: DOE Documents

The parties have agreed as follows:

1. To the extent that DOE has technical capability available, it will provide technical support for the activities specified in this Agreement as described in the attachments. In addition,

DOE will provide financial support to Ohio as described in the attachments through a grant instrument entered in accordance with DOE Financial Assistance Rules, 10 CFR Part 600, Subpart H. The support provided by DOE under this Agreement is intended to be used by the State to supplement activities conducted under applicable environmental laws and regulations, but does not include specific state permitting activities and legally required environmental oversight activities, such as issuance of regulatory permits, the review of DOE regulatory submissions when such review serves primarily as the basis for state action under regulatory programs, required regulatory inspections, and issuance of regulatory Notices of Violation and other citations.

2. In fulfilling their commitments under this Agreement, Ohio and DOE will make good faith efforts to define and meet mutually acceptable scopes and implementation plans. DOE will review and evaluate all comments received from Ohio on DOE environmental programs. However, DOE will continue to place its highest priority on compliance with regulatory requirements.
3. DOE will pursue the initiatives described in Attachments A and B of this Agreement. The general intent of these actions is for DOE to achieve more comprehensive environmental management programs consistent with the DOE Environmental Restoration and Waste Management Five Year Plan. DOE will provide Ohio an annual summary progress report on the action items described in Attachments A and B of this Agreement.
4. To the extent DOE provides financial and technical support, Ohio will pursue its initiatives described in Attachments A and C of this Agreement. The general intent of these Ohio actions is to assist DOE in assuring the adequacy of its environmental monitoring programs; to supplement ongoing state and local emergency preparedness programs; to assure their adequacy for response to DOE on-site incidents; and to promote a better understanding by local governments and the public of environmental activities at the DOE facilities included in this Agreement.
5. This Agreement and Attachments hereto will in no way diminish the authority of Ohio to fully carry out its statutory and regulatory responsibilities or exercise its authority under state and federal law or the right of DOE to raise any defenses available under law in the case of any enforcement action brought by Ohio, whether in an administrative or a judicial proceeding. Nothing in this Agreement relieves or alters any responsibility, commitment, or duty of the DOE under any

existing or future administrative or judicial order, or any right of Ohio to enforce such order. Nothing in this Agreement shall have any effect on Ohio's ability to object to or otherwise challenge DOE's Environmental Restoration and Waste Management Five Year Plan.

6. DOE will take all necessary steps and use its best efforts to obtain timely funding to meet its commitments under this Agreement and to fund the grant instrument. However, no provision herein shall be interpreted to require the obligation or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. 1341. DOE's performance of the financial commitments to the State under this agreement is contingent upon the availability of appropriated funds allocated to this Agreement and the State's compliance with the terms and conditions of the grant instrument.
7. If appropriated funds are not available to fulfill DOE's obligations under this Agreement, the parties shall seek to reach understanding upon appropriate adjustments to the activities required by this Agreement. If such adjustments cannot be agreed upon, Ohio shall have the right to withdraw from this Agreement and initiate any action it deems appropriate. Upon written notice that Ohio intends to withdraw from this Agreement, DOE's and Ohio's duties and responsibilities under this Agreement shall terminate.
8. Should federal, state or local issues arise related to conditions or activities at the sites covered by this Agreement that could significantly affect public health or the environment, DOE and Ohio will commence discussions to modify this Agreement as appropriate.
9. This Agreement shall continue in effect for five (5) years after the effective date hereof and may be extended as mutually agreed. The effective date of this Agreement shall be the date last signed below. The parties agree to begin a joint review of this Agreement at least one year before its expiration to consider its extension and any mutually agreeable modifications. This Agreement shall only be amended or terminated prior to expiration by the written mutual agreement of both parties, except as provided in Paragraph 6., above. However, DOE funding obligations under this Agreement may be suspended or terminated by DOE, in whole or in part, if DOE determines, in accordance with applicable laws and regulations, that the State is not in compliance with the terms and conditions of the grant provisions and provides the State ninety (90) days prior written notice specifying such noncompliance and the State's right to appeal. Unless DOE and

the State agree otherwise, no period of suspension shall last longer than ninety (90) days. Ohio may appeal DOE's actions of this paragraph to the Financial/Assistance Appeals Board as set forth in 10 CFR part 1024.

10. Subject to applicable laws and regulations concerning security and public records, nothing in this Agreement shall be construed to prohibit the parties from using information developed under this Agreement in furtherance of their statutory duties, rights or obligations. However, it is the intent of the parties that any information, provided under the terms of this Agreement, shall not serve as the sole basis for initiation of regulatory action or the issuance of notices of regulatory violations, or notices of deficiencies, and usage of such information shall be consistent with the terms of this Agreement.
11. For purposes of this Agreement, the primary contact for Ohio is the Director of OEPA or designee, and the primary contact for the DOE is _____. All negotiations under this Agreement will be conducted through the respective primary contacts, subject to final approval by the signatories hereto, their successors or assigns.

NOW, THEREFORE, the parties hereto have signed this Agreement in recognition of their pledge of mutual best efforts to achieve through cooperation and negotiation in good faith the understanding as set forth above.

 Donald R. Schregardus, Director
 Ohio Environmental Protection
 Agency

 (DOE signatory)

DATE: _____

DATE: _____

Attachment A

MONITORING

I. Monitoring Program

DOE currently conducts environmental monitoring programs at each of its three sites for discharges, emissions, environmental media and biological parameters. To enable Ohio to verify the adequacy of DOE's monitoring program, DOE will provide quality assured data, and will perform split sampling as requested. Ohio may also take additional samples and will provide split samples, as requested, to DOE. Sampling activities must meet site requirements, including Health and Safety Plans and mutually agreed upon Quality Assurance and Waste Management Plans.

Ohio will prepare site specific plans for its independent oversight to verify the effectiveness of DOE's Environmental Monitoring Program. In preparing the plans, Ohio will take into consideration, as appropriate, all monitoring activities relating to the sites. Ohio will provide the plans to DOE and affected local governments for review and consultation.

Ohio will issue annual reports on the results of its oversight monitoring, and analysis activities, and its findings relating to the quality and effectiveness of the sites' environmental monitoring programs.

DOE will support state monitoring of discharges, emissions, environmental media and biological parameters as necessary to verify the effectiveness of DOE's monitoring program. Under a potential initiative that would be separate from this Agreement, DOE agrees to allow the State, at its own expense, to place real-time air monitoring equipment at the Fernald, Mound, and Portsmouth sites, subject to prior DOE approval of the location of the monitoring stations. The DOE will provide to Ohio the following final documents for each of the three sites to assist the state in its planning and oversight activities and will provide access to drafts of these reports, as available:

1. Annual Site Environmental Report: The Annual Site Environmental Report presents a summary of the environmental data so as to characterize site environmental management performance, confirm compliance with environmental standards and requirements, and highlight significant programs and efforts. The report includes the results of:

- effluent monitoring;
 - environmental surveillance;
 - meteorological monitoring program;
 - radiological monitoring;
 - non-radiological monitoring, including:
 - * airborne emissions monitoring
 - * ambient air monitoring
 - * liquid effluent water monitoring
 - * water quality monitoring
 - groundwater monitoring
 - quality assurance and data verification
2. Air and liquid discharge reports as required by law, permit and compliance agreements: Air and liquid discharge reports can include those reports not specifically addressed in the Environmental Monitoring Plan. These can include:
- National Pollutant Discharge Elimination System point and non-point discharge reports
 - Annual National Emission Standards for Hazardous Air Pollutants Reports for Radionuclides other than Radon (and Radon-222 Air Emissions, if applicable)
 - Other reports specifically required by other agreements, such as the air and liquid discharge reports required under the Federal Facilities Compliance Agreement for the Fernald Environmental Management Project, Fernald, Ohio.
3. Monitoring Reports as required under the Resource Conservation Recovery Act (RCRA) programs: The RCRA permit program can include groundwater monitoring reports and, as required, solid waste management unit and hazardous waste management unit emission reports. The RCRA permit for each site includes monitoring requirements unique to that site's waste streams, treatment, storage, and disposal facilities.
4. Toxic Chemical Release Inventory Report required under SARA Title III: The Toxic Release Inventory Report addresses information provided in accordance with Section 313 of the emergency Planning and Community Right-to-Know Act of 1986. It may consist of the toxic chemical release inventory reporting form developed to identify the EPA listed toxic chemicals (Section 313, Table II) which are "otherwise used" at the sites or in excess of the threshold determination in Section B.4 of the EPA Reporting Package No. 560/4-91-001.

5. Environmental Monitoring Plan: The Environmental Monitoring Plan identifies the activities performed by DOE to (1) measure and monitor effluents from DOE operations; and (2) provide environmental surveillance through measurement, monitoring, and calculation of the effects of those operations on the environment and public health. The objectives of the monitoring programs are to: demonstrate compliance with legal and regulatory requirements imposed by applicable federal, state, and local agencies; confirm adherence to DOE environmental protection policies; and support environmental management decisions.
6. Annual Environmental Protection Implementation Plan: The annual Environmental Protection Implementation Plan provides management direction to ensure that all DOE facilities are operated and managed in a manner that will protect, maintain, and where necessary, restore environmental quality, minimize potential threats to the environment and the public health, and comply with environmental regulations and DOE policies. The implementation plan will:
 - Provide environmental protection goals and objectives for the organization and identify strategies and time tables for attaining them
 - Provide an overall framework for the design and implementation of an environmental protection program for each DOE facility; and
 - Assign responsibilities for complying with requirements under all federal, state and local environmental laws and/or regulations for all DOE facilities
7. Operating procedures associated with the environmental monitoring program.
8. Final copies of other DOE information determined to be useful in assisting the state to fulfill its responsibilities under this Agreement.

II. Quality Assurance/Quality Control (QA/QC)

All split sampling and analyses conducted under this Agreement will follow QA/QC protocols acceptable to both DOE and Ohio, in order to assure valid data comparisons.

III. Environmental Monitoring Data

DOE will provide Ohio access to quality assured (laboratory validated) environmental data. Access will be provided on-site, unless the state requests copies of specific sets of available data. Upon availability of data systems this data will be provided electronically to the appropriate Ohio district and Columbus offices.

Attachment B

DOE ACTION ITEMS

I. Waste Minimization/Pollution Prevention Plans

DOE will complete site-wide waste minimization plans for the Fernald Environmental Management Project (FEMP), Mound Plant and, Portsmouth Gaseous Diffusion Plant sites, to define and evaluate the volume of existing solid, hazardous, mixed, and radioactive waste which can be reduced or eliminated from plant operations. These plans focus primarily on waste treatment options. DOE will issue the plans and future updates to Ohio upon their finalization. A waste minimization/pollution prevention program is currently being established DOE-wide. Upon development, site waste minimization/pollution prevention program plans will be provided to Ohio along with future updates.

II. Background Concentration Studies

DOE will conduct and submit a background characterization of groundwater and soils on and near the plant sites to determine the base level of naturally occurring radioactive and hazardous constituents.

III. Security Clearances

DOE will use its best efforts to expedite the review and approval of security clearance applications of State of Ohio and its contractors employees in appropriate numbers necessary to carry out the provisions of this agreement. The cost of obtaining Agreement related security clearances for Ohio and its contractors shall be borne by DOE.

IV. Information on Environmental Releases

DOE agrees to continue to provide all information to Ohio associated with any unplanned releases of hazardous substances and materials, pollutants, contaminants and radioactive materials from sites in the manner currently prescribed by law, regulation, permit or agreement.

V. DOE will provide Ohio copies of reasonably available site information relating to the historical use of radionuclides, including releases to the environment.

VI. Waste Characterization

DOE will update and revise its current waste characterization plan. DOE will provide detailed information on the nature, quantities and hazard associated with all hazardous, RCRA mixed and radioactive wastes generated by sites covered by this Agreement. DOE will provide to Ohio a waste characterization plan in a manner currently prescribed by law, regulation, permit or agreement.

VII. Office for Ohio Officials

On site office space with furniture and a phone and access to facsimile and photocopier service will be provided to Ohio by DOE.

Off site office space required by the State will be covered by the grant instrument. Off site equipment and supplies, including facsimile machines, photocopiers, and computers, will also be covered by the grant instrument. No permanent real property interest is conveyed by this provision.

VIII. Document Availability

Consistent with applicable classification requirements, DOE will make available to Ohio all applicable final DOE or contractor-produced documents or reviews that address public health and environmental concerns at DOE Sites. It is understood that representatives of Ohio, with the appropriate security clearances, will have access to classified environmental documents, subject to all applicable state and federal regulations and consistent with DOE classification requirements.

IX. Site Access for State of Ohio Representatives

State of Ohio representatives with necessary security clearance will be granted site access to Fernald Environmental Management Project (FEMP), Mound Plant, and Portsmouth Gaseous Diffusion Plant sites to carry out the provisions in this Agreement. Access will be granted without prior announcement and will be consistent with the sites' normal security procedures and health and safety requirements, such as training, medical, personal monitoring, and respirator fit tests. Funding for medical examinations may be from the DOE grant supporting the Agreement. Training, monitoring, and respirator fit testing will be offered by the sites, not requiring reimbursement by the grant.

X. Emergency Response

DOE will continue to coordinate with Ohio emergency planning and emergency response activities in accordance with the following:

- A. Hazardous Material Emergency Management Plan", Emergency Response Annex for events at DOE facilities, for the Fernald Environmental Management Project and Portsmouth Gaseous Diffusion Plant sites.
- B. Systems Manual 721, "Emergency Preparedness System Response Plans", as updated, for the Mound Plant.

XI. Public Awareness

- A. DOE shall identify to Ohio the Public Information Officer for each site to coordinate public information activities related to this Agreement.
- B. As a courtesy, DOE will provide to Ohio advance notification of press releases concerning activities covered by this Agreement.

XII. Support/Technical Support

The terms support and technical support refer to actions determined by DOE to be necessary to assist the state to fulfill its obligations under this agreement. This support is provided to Ohio in addition to the funds that DOE provides to Ohio under the grant instrument.

XIII. Decontamination and Decommissioning (D&D)

DOE will provide Ohio existing and future decontamination and decommissioning plans for review.

Attachment C

OHIO ACTION ITEMS

I. Coordination and Public Awareness

- A. Ohio shall establish site coordinators whose function shall be to coordinate activities of the various state agencies and departments and the DOE with regard to activities at each of the three DOE facilities covered by this Agreement.
- B. Ohio will increase its efforts for better public and state understanding of issues involving the DOE facilities covered by this Agreement. Ohio will provide to DOE a program plan which outlines its activities planned in this area.

II. Emergency Response

- A. Ohio will supplement as necessary and maintain the supplemented state emergency response plans and assist local governments in updating and maintaining these supplemented emergency response plans, as such plans apply to emergencies at the DOE facilities covered by this Agreement.
- B. Ohio will conduct applicable training jointly with DOE for local governments that could be affected by an emergency at the facilities.
- C. Ohio will update its knowledge, with cooperation from DOE, of the facilities relating to potential emergency situations and will participate in applicable drills or exercises designed to simulate incidents and response actions.
- D. Ohio will review material and documents relating to the update or revision to the maximum credible accident scenarios as defined for each of the DOE facilities covered by this Agreement.
- E. Ohio will provide annual reports to DOE on these emergency response activities.
- F. Ohio will assist planning and preparedness for local and statewide emergency response authorities with respect to possible incidents involving the release of hazardous, mixed or radioactive materials at the facilities.

III. Safety

Ohio will develop and implement, in consultation with DOE, appropriate worker health and safety plans consistent with applicable site requirements for all state representatives involved in oversight and monitoring at the DOE facilities covered by this Agreement.

IV. Data Management

Ohio will evaluate, in consultation with DOE, DOE's environmental data management systems and identify any additional system needs required to allow efficient state utilization of data and allow the State system to interface with DOE's planned and existing environmental data management systems for the DOE facilities covered by this agreement.

Attachment EDOE DOCUMENTS

The following reports will be made available to the state upon finalization. Non-regulatory dates shown are approximate. The sites are designated Portsmouth (P), Mound (M), and Fernald (F).

Regulatory

Annual NESHAP Air Emissions Report (40 CFR 61.94 (P,M,F) - June 30

SARA Title III Reporting

Emergency and Hazardous Chemical Inventory Forms (40 CFR 370 Section 312) (P,M,F) - March 1, annually

Toxic Chemical Release Forms (40 CFR 372 Section 313) (P,M,F) - July 1, annually

Annual RCRA Hazardous Waste Reports (40 CFR 262.56 and OAC 3745-52-41) (P,M,F) - March 1

Annual Solid Waste Daily Log Operations Summary Report (ORC 3734.12 (D) (1) and OAC 3745-27-19M) (P) - February 28

TSCA/FFCA Annual Compliance Report (TSCA/FFCA) (P) - July 1

Annual Solid Waste Landfill Report (OAC 3745-27-x) (P) - April 1

Biennial RCRA 3016 Report (40 CFR 262.41) (P) - January 20, 1994

Non-Regulatory

Annual Site Environmental Report (DOE 5400.1) (P¹,M,F) - Fall

Environmental Protection Implementation Plan (DOE 5400.1) (P¹,M,F) - annual update - November

Waste Minimization and Pollution Awareness Plan (DOE 5400.1, 5400.3, and 5820.2A) (P¹,M,F) - First three-year update - May 1994

Environmental Monitoring Plan (DOE 5400.1) (P¹,M,F) - First three-year update November 1994

¹ Effective July 1, 1993, Portsmouth Gaseous Diffusion Plant operations come under the management of a new public corporation. Applicability of these DOE requirements to the public corporation has not yet been determined.

APPLICATION FOR FEDERAL ASSISTANCE

1. TYPE OF SUBMISSION: Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	2. DATE SUBMITTED February 12, 1993	Applicant Identifier
	3. DATE RECEIVED BY STATE	State Application Identifier
	4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier

5. APPLICANT INFORMATION

Legal Name Ohio Environmental Protection Agency	Organizational Unit Emergency and Remedial Response
Address (give city, county, state and zip code) 1800 WaterMark Columbus, Ohio 43215	Name and telephone number of the person to be contacted on matters involving this application (give area code) Patricia E. Campbell Ohio Environmental Protection Agency 1800 WaterMark Drive, Columbus, OH 43215 (614) 644-2314

6. EMPLOYER IDENTIFICATION NUMBER (EIN):

3	1	6	4	0	2	0	4	7
---	---	---	---	---	---	---	---	---

7. TYPE OF APPLICANT: (enter appropriate letter in box) A

A State	H Independent School Dist.
B County	I State Controlled Institution of Higher Learning
C Municipal	J Private University
D Township	K Indian Tribe
E Interstate	L Individual
F Intermunicipal	M Profit Organization
G Special District	N Other (Specify)

8. TYPE OF APPLICATION:

New Continuation Revision

9. NAME OF FEDERAL AGENCY: United States Department of Energy
 1000 Independence Ave, SW Washington DC 20585

10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 8 1 5 0 2

11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:
 DOE Agreement In Principle
 For oversight and monitoring at Fernald, Portsmouth and Mound

12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.):
 State of Ohio
 Montgomery, Hamilton, Pike Counties

13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF	
Start Date	Ending Date	a Applicant	b Project
1-1-93	12-31-97	15th	Statewide

15. ESTIMATED FUNDING-First Year Funding		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS? a YES THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROC OR REVIEW ON DATE Submitted at time of application b NO <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW
a Federal	\$ 1-1-93 thru 12-31-93 2,027,729 .00	
b Applicant	\$.00	
c State	\$.00	
d Local	\$.00	
e Other	\$.00	
f Program Income	\$.00	
g TOTAL	\$ 2,027,729 .00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN FULLY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

a Typed Name of Authorized Representative Donald R. Schregardus	b Title Director	c Telephone number (614) 644-2782
d Signature of Authorized Representative <i>Donald R. Schregardus</i>		e Date Signed February 12, 1993

EXECUTIVE SUMMARY for
U.S. D.O.E. AGREEMENT IN PRINCIPLE 4403
January 1, 1993 through December 31, 1997

COST PER YEAR and
COST PER CATEGORY

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$125,560	\$197,172	\$207,929	\$216,248	\$224,892	\$971,802
PERSONNEL	\$579,559	\$903,002	\$951,554	\$989,621	\$1,029,185	\$4,452,921
INDIRECT	\$108,741	\$188,239	\$200,242	\$208,255	\$216,579	\$922,056
OPERATING	\$194,312	\$194,312	\$194,312	\$194,312	\$194,312	\$971,560
CONTRACTUAL	\$313,775	\$553,178	\$564,174	\$512,430	\$518,245	\$2,461,802
CAPITAL OUTLAY	\$735,683	\$165,404	\$129,103	\$118,215	\$106,891	\$1,255,296
OTHER(MISC)	\$95,659	\$76,000	\$96,708	\$84,000	\$84,000	\$436,367
TOTAL	\$2,027,729	\$2,080,135	\$2,136,093	\$2,106,832	\$2,149,211	\$10,500,000

EXECUTIVE SUMMARY for
U.S. D.O.E. FERNALD
January 1, 1993-December 31, 1997

4403

COST PER YEAR and
COST PER CATEGORY

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$35,346	\$53,274	\$53,892	\$56,049	\$58,289	\$256,851
PERSONNEL	\$162,945	\$244,249	\$247,464	\$257,367	\$267,655	\$1,179,680
INDIRECT	\$30,272	\$49,045	\$48,646	\$50,594	\$52,616	\$231,173
OPERATING	\$48,707	\$48,707	\$48,707	\$48,707	\$48,707	\$243,534
CONTRACTUAL	\$111,381	\$165,806	\$149,398	\$139,189	\$142,904	\$708,678
CAPITAL OUTLAY	\$256,940	\$67,879	\$43,427	\$31,374	\$32,443	\$432,063
OTHER(MISC)	\$52,872	\$38,000	\$38,000	\$38,000	\$38,000	\$204,872
TOTAL	\$663,117	\$613,686	\$575,642	\$565,230	\$582,324	\$3,000,000

State Environmental Oversight and Monitoring Program
January 1, 1993 through December 31, 1997

Program: Emergency and Remedial Response

1) General Oversight

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management, to support assessment of Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessment, feasibility studies, interim actions and final remedial actions and related environmental monitoring systems.
- o Maintain logging, distribution of documents, records, and schedules associated with the Ohio EPA's involvement with the facilities. Responsible for typing of comprehensive analytical reports of DOE operations and related environmental monitoring systems and requested quarterly reports, database inventory, copying and provide the maintenance and oversight of microfilming support for DOE documents and related correspondence.

FERNALD EMERGENCY AND REMEDIAL RESPONSE

	FTE	TOTALS
Personnel	1.08	\$405,398
Indirect		\$73,255
Operating	\$13,500 1.08	\$72,900 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	77%	1,602	\$69,256	\$38,929	\$53,327	\$55,460	\$57,678	\$59,985	\$265,379
Environ Spec. II	Health Physicist	5%	104	\$32,724	\$1,194	\$1,636	\$1,701	\$1,769	\$1,840	\$8,140
Environ Spec. II	RD/RA Coord.	5%	104	\$32,724	\$1,194	\$1,636	\$1,701	\$1,769	\$1,840	\$8,140
Environ. Supr.	Unit Supervisor	10%	208	\$38,569	\$2,816	\$3,857	\$4,011	\$4,171	\$4,338	\$19,193
Environ. Supr.	Unit Supervisor	5%	104	\$38,569	\$1,408	\$1,928	\$2,005	\$2,085	\$2,168	\$9,594
Environ Spec. II	Risk Assess	3%	62	\$32,724	\$717	\$982	\$1,021	\$1,062	\$1,104	\$4,886
Assistant	General Clerical	3%	62	\$22,949	\$503	\$688	\$716	\$745	\$775	\$3,427
FRINGE					\$12,710	\$17,410	\$18,106	\$18,830	\$19,583	\$86,639
TOTAL PERSONNEL					\$59,471	\$81,464	\$84,721	\$88,109	\$91,633	\$405,398
INDIRECT					\$10,746	\$14,721	\$15,309	\$15,921	\$16,558	\$73,255
TOTAL					\$70,217	\$96,185	\$100,030	\$104,030	\$108,191	\$478,653

Contractual: \$303,513

Rad Consulting

Years	1	2	3	4	5	Total
	\$20,000	\$21,000	\$22,050	\$23,153	\$24,310	\$110,513

Lab Analyses

Years	1	2	3	4	5	Total
	\$32,000	\$35,000	\$36,000	\$38,000	\$41,000	\$182,000

Med Monitoring

Years	1	2	3	4	5	Total
	\$2,000	\$2,100	\$2,200	\$2,300	\$2,400	\$11,000

Capital Outlay: \$16,000

Safety & Lab

Years	1	2	3	4	5	Total
	\$16,000	\$0	\$0	\$0	\$0	\$16,000

Monitor Equip.

2) DOE Facilities Laboratory Monitoring Data

- o To provide a central point of contact for all Central and District Office staff for all of DOE related analytical needs. To coordinate collection and analyze split/duplicate samples. To review and assess data collection, validate and review reporting methods.
- o Develop and provide analytical contracts capable of analyzing all pertinent parameters including organics, inorganics and nuclides; i.e., gross alpha, beta, and gamma emitting nuclides. Coordinate and communicate district sampling request with the appropriate contract laboratories.
- o Review and validate all environmental monitoring data.

Fernald DOE Facilities Laboratory Monitoring data

	FTE	TOTALS
Personnel	0.05	\$10,352
Indirect		\$1,871
Operating	\$13,500 0.05	\$3,375 (5 Yr Total)

4403

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Lab Coord.	5%	104	\$32,724	\$1,194	\$1,636	\$1,701	\$1,769	\$1,840	\$8,140
				FRINGE	\$325	\$445	\$462	\$481	\$500	\$2,212
				TOTAL PERSONNEL	\$1,519	\$2,081	\$2,163	\$2,250	\$2,340	\$10,352
				INDIRECT	\$274	\$376	\$391	\$407	\$423	\$1,871
				TOTAL	\$1,793	\$2,457	\$2,554	\$2,657	\$2,763	\$12,223

Contractual: \$372

Med Monitoring

Years	1	2	3	4	5	Total
	\$50	\$66	\$70	\$84	\$102	\$372

3) **Coordination and Public Awareness**

- o Assist in the collection and dissemination of information related to the AIP program.
- o Provide, organize, and conduct public meetings with concerned citizens and local government when appropriate in conjunction with Ohio EPA's Public Information Center and prepare news releases.
- o Coordinate with DOE's Public Information Office.

Fernald: Coordination and Public Awareness

	FTE	TOTALS
Personnel	0.10	\$20,710
Indirect		\$3,742
Operating	\$13,500 0.10	\$6,750 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Public Infor Spec	P.I. Officer	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
				FRINGE	\$649	\$889	\$925	\$962	\$1,000	\$4,426
				TOTAL PERSONNEL	\$3,038	\$4,161	\$4,328	\$4,501	\$4,681	\$20,710
				INDIRECT	\$549	\$752	\$782	\$813	\$846	\$3,742
				TOTAL	\$3,587	\$4,913	\$5,110	\$5,314	\$5,527	\$24,452

4) **Environmental Data Management**

- o Develop and interpret technical information related to Intergraph with specified emphasis on application to monitoring activities associated with the investigation and remediation of hazardous waste sites.
- o Edit, maintain and manipulate environmental data within the Intergraph system to determine the nature and extent of contamination.
- o Collect background environmental data and evaluate DOE's environmental data and identify any additional system needs required to allow efficient state utilization of data.

Fernald: Environmental Data Management

	FTE	TOTALS
Personnel	0.25	\$61,027
Indirect		\$11,029
Operating	\$13,500 0.25	\$16,875 (5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Manager	GIS Spec	25 %	520	\$38,569	\$7,039	\$9,642	\$10,028	\$10,429	\$10,846	\$47,984
				FRINGE	\$1,913	\$2,621	\$2,726	\$2,835	\$2,948	\$13,043
				TOTAL PERSONNEL	\$8,952	\$12,263	\$12,754	\$13,264	\$13,794	\$61,027
				INDIRECT	\$1,618	\$2,216	\$2,305	\$2,397	\$2,493	\$11,029
				TOTAL	\$10,570	\$14,479	\$15,059	\$15,661	\$16,287	\$72,056

Contractual: \$41,716

GIS Consultant

Years	1	2	3	4	5	Total
	\$15,000	\$9,487	\$5,743	\$5,743	\$5,743	\$41,716

Capital Outlay: \$178,210

Computer Station
& Data Mgmt Equip

Years	1	2	3	4	5	Total
	\$38,210	\$0	\$0	\$0	\$0	\$38,210

T1 Lines

Miscellaneous: \$54,872

Years	1	2	3	4	5	Total
	\$22,000	\$28,000	\$29,000	\$30,000	\$31,000	\$140,000

Integrgraph Training

Years	1	2	3	4	5	Total
	\$14,872	\$0	\$0	\$0	\$0	\$14,872

Computer Use

Years	1	2	3	4	5	Total
	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000

5) Financial Management and Assessment

- o To provide, utilize, and oversee a complex time accounting system to assess state expenditures related to implementation of the AIP.
- o To maintain, distribute, and coordinate financial information to other State agencies and DOE.
- o To collect financial data to provide quarterly Financial Status Reports and to ensure all financial obligations and reporting are met.

Fernald Financial Management and Assessment

	FTE	TOTALS
Personnel	0.08	\$20,156
Indirect		\$3,642
Operating	\$13,500 0.08	\$5,400 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Grant Coord. II	Grant Coord. II	3 %	62	\$37,029	\$811	\$1,111	\$1,155	\$1,202	\$1,250	\$5,528
Fiscal Officer II	Fiscal Officer II	2 %	42	\$51,374	\$750	\$1,027	\$1,069	\$1,111	\$1,156	\$5,113
Fiscal Spec. I	Fiscal Spec. I	3 %	62	\$34,880	\$764	\$1,046	\$1,088	\$1,132	\$1,177	\$5,207
				FRINGE	\$632	\$866	\$900	\$936	\$974	\$4,308
				TOTAL PERSONNEL	\$2,957	\$4,050	\$4,212	\$4,381	\$4,556	\$20,156
				INDIRECT	\$534	\$732	\$761	\$792	\$823	\$3,642
				TOTAL	\$3,491	\$4,782	\$4,974	\$5,172	\$5,379	\$23,799

6) DOE Facilities Contract Management and Oversight

- o To provide and manage "Level-of-Effort" contracts to have the ability to quickly mobilize for field work or unusual work events.
- o To provide strict adherence to legal procedures for state bidding and contracts.
- o To oversee contracts management through mobilization orders, related work documents, field supervision, invoice oversight and any other related work.

Fernald: DOE Facilities Contract Management and Oversight

4400

	FTE	TOTALS
Personnel	0.05	\$9,942
Indirect		\$1,797
Operating	\$13,500 0.05	\$3,375 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Environ Spec. II	5%	104	\$31,417	\$1,147	\$1,571	\$1,634	\$1,699	\$1,767	\$7,817
				FRINGE	\$312	\$427	\$444	\$462	\$480	\$2,125
				TOTAL PERSONNEL	\$1,458	\$1,998	\$2,078	\$2,161	\$2,247	\$9,942
				INDIRECT	\$264	\$361	\$375	\$390	\$406	\$1,797
				TOTAL	\$1,722	\$2,359	\$2,453	\$2,551	\$2,653	\$11,739

Contractual: \$372

Med
Monitoring

Years	1	2	3	4	5	Total
	\$50	\$66	\$70	\$84	\$102	\$372

Program: Radiological Assessment and Response

7) General Oversight

- o Coordinate radiological information between DOE, Ohio EPA, Divisions, and ODH Division of Radiological Health.
- o Represent Ohio EPA in the Dose Assessment Room of the State Emergency Operations Center during exercises and actual events and participate in any planning involving radioactive materials incident at DOE facilities.
- o Advise and arrange for training other agency employees and local government entities which could be affected by incidents at DOE facilities.
- o Advise DOE by annual report of facilities operations.

Fernald: Radiological Assessment and Response

	FTE	TOTALS
Personnel	0.05	\$14,016
Indirect		\$2,533
Operating	\$13,500 0.05	\$3,375 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Health Phys	Rad Resp. Coord	5%	104	\$44,290	\$1,617	\$2,215	\$2,303	\$2,395	\$2,491	\$11,020
				FRINGE	\$439	\$602	\$626	\$651	\$677	\$2,995
				TOTAL PERSONNEL	\$2,056	\$2,816	\$2,929	\$3,046	\$3,168	\$14,016
				INDIRECT	\$372	\$509	\$529	\$550	\$572	\$2,533
				TOTAL	\$2,427	\$3,325	\$3,458	\$3,597	\$3,741	\$16,548

Contractual: \$372

Med
Monitoring

Years	1	2	3	4	5	Total
	\$50	\$66	\$70	\$84	\$102	\$372

Program: Drinking and Ground Waters

8) Drinking and Ground Waters

- o To review, comment and make recommendations in facility reports or plans pertaining to ground water monitoring system design, ground water sampling, hydrogeological assessment and ground water remedial design and activities.
- o Observe and participate in ground water related activities required by other agency divisions.
- o Collect samples of ground water on and off site, review existing ground water data pertaining to the site and compare to current data to determine trends.
- o Assess the contaminant transport and ground water flow models for ground water systems in and around the facility if needed.

Fernald: Drinking and Ground Waters

4403

	FTE	TOTALS
Personnel	0.10	\$18,566
Contract		\$3,355
Operating	\$13,500 0.10	\$6,750 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Geo. 3	Geo. 3	10%	208	\$29,335	\$2,141	\$2,934	\$3,051	\$3,173	\$3,300	\$14,598
FRINGE					\$582	\$797	\$829	\$862	\$897	\$3,968
TOTAL PERSONNEL					\$2,724	\$3,731	\$3,880	\$4,035	\$4,197	\$18,566
INDIRECT					\$492	\$674	\$701	\$729	\$758	\$3,355
TOTAL					\$3,216	\$4,405	\$4,581	\$4,764	\$4,955	\$21,921

Contractual: \$732

Med

Monitoring

Years	1	2	3	4	5	Total
	\$100	\$120	\$140	\$168	\$204	\$732

Program: Air Pollution Control

9) Air Quality Monitoring and Oversight

- To provide Air Quality monitoring and oversight, to design and implement an ambient air network for monitoring radionuclide, volatile organic compounds, metals, toxic air pollutants and any other pollutants.
- Review and identify the existing DOE air monitoring network for any modifications or improvement needed to meet applicable laws and regulations. Identify improvements necessary from a good practice standpoint. Collect split samples from the DOE monitoring network for analyses as deemed necessary. Review the data reports generated by the DOE monitoring efforts and make comments as required.

Fernald Air Quality Monitoring and Oversight

	FTE	TOTALS
Personnel	0.38	\$93,335
Contract		\$16,866
Operating	\$13,500 0.38	\$25,650 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Site Coord	10%	208	\$31,417	\$2,293	\$3,142	\$3,268	\$3,399	\$3,535	\$15,637
Environ. Supr	Air Monitoring Supr	5%	104	\$43,357	\$1,583	\$2,168	\$2,255	\$2,345	\$2,439	\$10,790
Environ. Mgr	Tech Serv Mgr	5%	104	\$39,032	\$1,425	\$1,952	\$2,030	\$2,111	\$2,195	\$9,713
Environ. Supr	QA Unit Supr	5%	104	\$44,129	\$1,611	\$2,206	\$2,294	\$2,386	\$2,481	\$10,978
Environ. Supr	Data Mgr	5%	104	\$45,952	\$1,677	\$2,298	\$2,390	\$2,486	\$2,585	\$11,436
Environ. Supr	Air Instrument Supr	5%	104	\$43,617	\$1,592	\$2,181	\$2,268	\$2,359	\$2,453	\$10,853
Word Processor	Gen Clerical	3%	62	\$26,652	\$584	\$800	\$832	\$865	\$900	\$3,981
FRINGE					\$2,926	\$4,008	\$4,169	\$4,335	\$4,509	\$19,947
TOTAL PERSONNEL					\$13,691	\$18,755	\$19,506	\$20,286	\$21,097	\$93,335
INDIRECT					\$2,474	\$3,389	\$3,525	\$3,666	\$3,812	\$16,866
TOTAL					\$16,165	\$22,144	\$23,031	\$23,952	\$24,909	\$110,201

Contractual: \$81,416

Med

Monitoring

Years	1	2	3	4	5	Total
	\$1,100	\$1,200	\$1,300	\$1,400	\$1,400	\$6,400

RAD Consultant

Years	1	2	3	4	5	Total
	\$3,300	\$3,300	\$3,300	\$3,300	\$3,300	\$16,500

Lab Analysis

Years	1	2	3	4	5	Total
	\$5,000	\$4,550	\$4,550	\$4,550	\$4,550	\$23,200

Data Acquisition

Consulting

Years	1	2	3	4	5	Total
	\$16,666	\$4,550	\$5,000	\$4,550	\$4,550	\$35,316

Capital Outlay:

\$122,400

4403

Data Log
and Record

Years	1	2	3	4	5	Total
	\$44,000	\$0	\$0	\$0	\$0	\$44,000

Misc.Safety &
Monitor Equip.

Years	1	2	3	4	5	Total
	\$70,000	\$8,400	\$0	\$0	\$0	\$78,400

Program: Water Quality Planning and Assessment

10) Surface Water Monitoring

- o Water Quality Planning and Assessment will develop and implement a surface water monitoring program as necessary to validate DOE data to assess and ensure compliance with federal, state and local environmental laws and regulations and to protect and improve surface water resources.
- o Water Quality will conduct surface water, sediment and biological sampling to evaluate point source and nonpoint source impacts on surface waters on and adjacent to the Department of Energy (DOE) facility and will continue periodic monitoring of all discharges.
- o Water Quality will assess possible impacts on aquatic ecosystems in the vicinity of the DOE facility based on the biological sampling and correlate impacts with sediments and surface water data to determine possible sources.

Fernald Water Quality Planning and Assessment

	FTE	TOTALS
Personnel	0.35	\$72,489
Indirect		\$13,099
Operating	\$13,500 0.35	\$23,625 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Surf Watr Monitor	15%	312	\$32,724	\$3,583	\$4,909	\$5,105	\$5,309	\$5,522	\$24,427
Environ Spec II	Surf Watr Monitor	20%	416	\$32,724	\$4,778	\$6,545	\$6,807	\$7,079	\$7,362	\$32,570
FRINGE					\$2,273	\$3,113	\$3,238	\$3,367	\$3,502	\$15,492
TOTAL PERSONNEL					\$10,633	\$14,566	\$15,149	\$15,755	\$16,385	\$72,489
INDIRECT					\$1,921	\$2,632	\$2,737	\$2,847	\$2,961	\$13,099
TOTAL					\$12,555	\$17,199	\$17,887	\$18,602	\$19,346	\$85,588

Contractual: \$5,900

Med
Monitoring

Years	1	2	3	4	5	Total
	\$1,000	\$1,100	\$1,200	\$1,300	\$1,300	\$5,900

Capital Outlay: \$9,900

Misc.Safety &
Monitor Equip.

Years	1	2	3	4	5	Total
	\$9,900	\$0	\$0	\$0	\$0	\$9,900

Program: Ohio Department of Health

11) Health Physics Oversight

The Ohio Department of Health (ODH) will provide health physics support on risk assessment for site characterization and remediation activities and coordinate with Ohio EPA in the evaluation of related environmental monitoring systems.

(AID) Ohio Physics Oversight

	FTE	TOTALS
Personnel	8.00	\$148,777
Indirect		\$53,559
Operating		\$15,892 (5 Yr Total)

		FTE % Used	13%	12%	10%	10%	10%	10%	10%	TOTAL
POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	SALARY
Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$1,915	\$2,384	\$2,232	\$2,321	\$2,414	\$11,266
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$2,178	\$2,038	\$2,120	\$2,204	\$8,540
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$1,199	\$1,493	\$1,397	\$1,453	\$1,511	\$7,053
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$3,121	\$3,887	\$3,638	\$3,784	\$3,935	\$18,365
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$0	\$3,887	\$3,638	\$3,784	\$3,935	\$15,244
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$2,601	\$3,239	\$3,032	\$3,153	\$3,279	\$15,304
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$2,992	\$2,801	\$2,913	\$3,029	\$11,735
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$2,447	\$2,290	\$2,382	\$2,477	\$9,596
Secretary	Secretary	50%	1,040	\$21,278	\$982	\$1,223	\$1,145	\$1,191	\$1,239	\$5,780
Word Processor	Word Processor	100%	2,080	\$21,278	\$1,965	\$2,447	\$2,290	\$2,382	\$2,477	\$11,561
FRINGE					\$3,535	\$7,853	\$7,350	\$7,645	\$7,950	\$34,333
TOTAL PERSONNEL					\$15,318	\$34,030	\$31,851	\$33,128	\$34,450	\$148,777
INDIRECT					\$5,514	\$12,251	\$11,466	\$11,926	\$12,402	\$53,559
TOTAL					\$20,832	\$46,281	\$43,317	\$45,054	\$46,852	\$202,336

Contractual: \$4,218

Medical
Monitoring

Years	1	2	3	4	5	Total
	\$966	\$879	\$791	\$791	\$791	\$4,218

Capital Outlay: \$41,383

Office Furniture
and Equipment

Years	1	2	3	4	5	Total
	\$4,208	\$3,825	\$2,295	\$0	\$0	\$10,328

Data Mgmt &
Equipment

Years	1	2	3	4	5	Total
	\$10,381	\$4,962	\$0	\$0	\$0	\$15,343

Misc. Monitoring
Equipment

Years	1	2	3	4	5	Total
	\$4,150	\$1,887	\$9,675	\$0	\$0	\$15,712

Ohio Division
of Health

from: Ohio Emergency Management Agency

12) Environmental Monitoring Oversight

o As the primary agency for radiological environmental monitoring, these efforts include development and oversight of the radiological sampling plan and coordinating radiological lab analysis of samples for each site by the State of Ohio. ODH will evaluate application of compliance with applicable state regulations, policies, and acceptable health physics practices and procedures in the following areas: sampling and analytical procedures, Surface Water and Biota Monitoring, Groundwater Monitoring, Air Quality Monitoring, and Drinking Water Monitoring.

FERNALD Ohio Environmental Monitoring Oversight

	FTE	TOTALS
Personnel	7.00	\$128,961
Indirect		\$46,426
Operating		\$13,667
		(5 Yr Total)

		FTE % Used	13%	12%	10%	10%	10%	TOTAL		
POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	SALARY
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$1,915	\$2,384	\$2,232	\$2,321	\$2,414	\$11,266
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$2,178	\$2,038	\$2,120	\$2,204	\$8,540
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$1,199	\$1,493	\$1,397	\$1,453	\$1,511	\$7,053
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$3,121	\$3,887	\$3,638	\$3,784	\$3,935	\$18,365
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$2,601	\$3,239	\$3,032	\$3,153	\$3,279	\$15,304
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$2,992	\$2,801	\$2,913	\$3,029	\$11,735
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$2,447	\$2,290	\$2,382	\$2,477	\$9,596
Secretary	Secretary	50%	1,040	\$21,278	\$982	\$1,223	\$1,145	\$1,191	\$1,239	\$5,780
Processor	Word Processor	100%	2,080	\$21,278	\$1,965	\$2,447	\$2,290	\$2,382	\$2,477	\$11,561
FRINGE					\$3,535	\$6,687	\$6,259	\$6,510	\$6,770	\$29,761
TOTAL PERSONNEL					\$15,318	\$28,977	\$27,122	\$28,209	\$29,335	\$128,961
INDIRECT					\$5,514	\$10,432	\$9,764	\$10,155	\$10,561	\$46,426
TOTAL					\$20,832	\$39,409	\$36,886	\$38,364	\$39,896	\$175,387

Contractual: \$270,067

4403

Medical

Years	1	2	3	4	5	Total
	\$1,449	\$1,318	\$1,186	\$1,186	\$1,186	\$6,325

Monitoring

RAD Analysis

Years	1	2	3	4	5	Total
	\$12,650	\$81,004	\$65,728	\$52,496	\$51,864	\$263,742

Capital Outlay: \$37,103

Office Furniture

and Equipment

Years	1	2	3	4	5	Total
	\$4,208	\$3,825	\$1,148	\$0	\$0	\$9,181

Data Mgmt &

Equipment

Years	1	2	3	4	5	Total
	\$8,731	\$3,725	\$0	\$0	\$0	\$12,456

Misc. Monitoring

Equipment

Years	1	2	3	4	5	Total
	\$3,458	\$12,008	\$0	\$0	\$0	\$15,466

Program: Ohio Emergency Management Agency

13) Ohio Emergency Management Agency

1. For coordination with Ohio EPA, Certain actions are needed to enable state and local governments to adequately respond to protect the citizens of Ohio from emergencies that could occur at DOE facilities in the state. The Ohio EMA shall coordinate the development of the state and local government off-site Emergency Response Program for the DOE facilities located in Fernald, Piketon, and Miamisburg (and others as necessary). The program will include:

- o Emergency Planning - evaluate, revise, complete, and maintain, as necessary, the multijurisdictional State Hazardous Materials Emergency Management Plan and the DOE Annex to that plan.
- o Training - in coordination with DOE and the affected counties, shall develop a training plan (i.e., implementation procedures) based on the state plan and conduct training to support local and state governments' capability to respond to emergency situations.
- o Organization - work with local governments and state agencies to develop and maintain an organization necessary to respond to protect the lives, environment, and property of citizens in and around the DOE facilities.
- o Communications - in coordination with DOE and the affected counties, shall: 1) develop an interim communications system to include a direct ringdown telephone line, to ensure that events are reported and the vital information can be disseminated; 2) conduct an independent communications study to determine the communications system necessary to support notification (as defined in the state plan), emergency response, and command and control for state agencies and local governments; and 3) support the development of an automated computerized Emergency Notification Reporting and Emergency Information Management System.
- o Facilities - assist state agencies and local governments in the further development of Emergency Operations Centers to include facilities for hazard assessment and towards a goal of automated computerized equipment to interface with DOE facilities.
- o Emergency Response Staff - develop and maintain an Emergency Response Staff, available 24-hours per day, to receive notification of DOE events, man the State Assessment Room, mobilize the state response, assess all incidents and make protective recommendations to local governments.
- o Drills and Exercises - in conjunction with DOE, shall develop and conduct drills and exercises in accordance with the state plan.
- o Hazard Analysis - in conjunction with DOE, assist in a comprehensive hazard analysis of all DOE sites.
- o Warning Systems - monitor the maintenance and testing of all warning systems for the State of Ohio to include: the Emergency Broadcast System, NAWAS, and the NWS.
- o Emergency Public Information - provide personnel to assist in the staffing of each Joint Information Center (JIC); develop and maintain procedures for operating the JIC's; coordinate all media matters during emergencies and coordinate all release of information with DOE and local governments.

2. DEVELOPMENT OF ANNUAL REPORT

Ohio EMA shall provide an annual report to DOE of its activities in the following areas:

- o DOE Liaison - establish a DOE liaison and assistant whose duties shall include the coordination of DOE-related planning, training, and exercising for local and state agencies.
- o Public Relations - increase its effort for better public understanding of emergency preparedness issues.
- o Analysis of Toxic Releases - assist in the evaluation and interpretation of information on toxic releases to the environment at the DOE facilities in Ohio.

	FTE	TOTALS
Personnel	0.68	\$175,950
Indirect		\$0
Printing	\$13,500: 0.68	\$45,900

(5 Yr Total)

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FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Planner II	Planner	34%	707	\$40,883	\$10,147	\$13,900	\$14,456	\$15,034	\$15,636	\$69,174
Environ Spec II	Haz Material Tech	34%	707	\$40,883	\$10,147	\$13,900	\$14,456	\$15,034	\$15,636	\$69,174
FRINGE					\$5,516	\$7,556	\$7,858	\$8,173	\$8,500	\$37,603
TOTAL PERSONNEL					\$25,810	\$35,356	\$36,771	\$38,242	\$39,771	\$175,950
TOTAL					\$25,810	\$35,356	\$36,771	\$38,242	\$39,771	\$175,950

Capital Outlay: \$27,067

Office Setup
& Modification

Years	1	2	3	4	5	Total
	\$1,597	\$0	\$0	\$0	\$0	\$1,597

Vehicle

Years	1	2	3	4	5	Total
	\$1,247	\$1,247	\$1,309	\$1,374	\$1,443	\$6,620

Computers & Data

Mgmt Equip

Years	1	2	3	4	5	Total
	\$18,850	\$0	\$0	\$0	\$0	\$18,850

SUBSIDIES: \$150,000

Years	1	2	3	4	5	Total
	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

**EXECUTIVE SUMMARY for
U.S. D.O.E. MOUND
January 1, 1993-December 31, 1997**

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**COST PER YEAR and
COST PER CATEGORY**

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$47,277	\$74,978	\$86,744	\$90,212	\$93,821	\$393,032
PERSONNEL	\$219,541	\$345,006	\$396,793	\$412,660	\$429,166	\$1,803,166
INDIRECT	\$38,910	\$69,240	\$85,685	\$89,110	\$92,675	\$375,620
OPERATING	\$83,451	\$83,451	\$83,451	\$83,451	\$83,451	\$417,257
CONTRACTUAL	\$102,144	\$179,892	\$238,892	\$216,858	\$219,443	\$957,229
CAPITAL OUTLAY	\$198,397	\$27,339	\$38,128	\$42,985	\$28,171	\$335,020
OTHER(MISC)	\$15,000	\$15,000	\$35,708	\$23,000	\$23,000	\$111,708
TOTAL	\$657,443	\$719,928	\$878,657	\$868,064	\$875,906	\$4,000,000

Projected Costs

MOUND

State Environmental Oversight and Monitoring Program
January 1, 1993 through December 31, 1997

4403

Program: Emergency and Remedial Response

1) General Oversight

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management, to support assessment of Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessment, feasibility studies, interim actions and final remedial actions and related environmental monitoring systems.
- o Maintain logging, distribution of documents, records, and schedules associated with the Ohio EPA's involvement with the facilities. Responsible for typing of comprehensive analytical reports of DOE operations and related environmental monitoring systems and requested quarterly reports, database inventory, copying and provide the maintenance and oversight of microfilming support for DOE documents and related correspondence.

Mound:General Oversight

	FTE	TOTALS
Personnel	1.70	\$576,039
Indirect		\$104,090
Operating	\$13,500 1.70	\$114,750 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	100%	2,080	\$69,256	\$50,557	\$69,256	\$72,026	\$74,907	\$77,903	\$344,649
Records Mgr.	Records MGR.	10%	208	\$20,259	\$1,479	\$2,026	\$2,107	\$2,191	\$2,279	\$10,082
Environ Spec. II	Health Physicist	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
Environ Spec. II	RD/RA Coord.	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
Environ. Supr.	Unit Supervisor	10%	208	\$38,569	\$2,816	\$3,857	\$4,011	\$4,171	\$4,338	\$19,193
Environ. Supr.	Unit Supervisor	10%	208	\$38,569	\$2,816	\$3,857	\$4,011	\$4,171	\$4,338	\$19,193
Environ Spec. II	Risk Assess	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
Office Assistant	General Clerical	10%	208	\$22,032	\$1,608	\$2,203	\$2,291	\$2,383	\$2,478	\$10,963
FRINGE					\$18,059	\$24,738	\$25,727	\$26,756	\$27,827	\$123,107
TOTAL PERSONNEL					\$84,502	\$115,753	\$120,382	\$125,196	\$130,206	\$576,039
INDIRECT					\$15,270	\$20,917	\$21,753	\$22,623	\$23,528	\$104,091
TOTAL					\$99,772	\$136,670	\$142,135	\$147,819	\$153,734	\$680,130

Contractual \$354,921

Rad Consulting
Service

Years	1	2	3	4	5	Total
	\$20,000	\$21,000	\$22,050	\$23,153	\$24,310	\$110,513

Lab/Analyses

Years	1	2	3	4	5	Total
	\$30,435	\$39,946	\$41,943	\$44,041	\$46,243	\$202,608

Med. Monitoring

Years	1	2	3	4	5	Total
	\$7,500	\$8,200	\$8,500	\$8,700	\$8,900	\$41,800

Capital Outlay: \$6,000

Misc. Safety and
Monitoring

Years	1	2	3	4	5	Total
	\$6,000	\$0	\$0	\$0	\$0	\$6,000

2) DOE Facilities Laboratory Monitoring Data

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- To provide a central point of contact for all Central and District Office staff for all of DOE related analytical needs. To review and assess data collection, validate and review reporting methods.

11/30/90

Develop and provide analytical contracts capable of analyzing all pertinent parameters. Coordinate and communicate district sampling request with the appropriate contract laboratories.

- Review and validate environmental monitoring data.

Mound: Laboratory Monitoring Data

	FTE	TOTALS
Personnel	0.25	\$51,778
Indirect		\$9,356
Operating	\$13,500 0.25	\$16,875 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Lab Coord.	15%	312	\$32,724	\$3,583	\$4,909	\$5,105	\$5,309	\$5,521	\$24,427
Environ Spec. II	Site Coord	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,285
				FRINGE	\$1,623	\$2,224	\$2,313	\$2,405	\$2,501	\$11,066
				TOTAL PERSONNEL	\$7,595	\$10,405	\$10,821	\$11,254	\$11,704	\$51,778
				INDIRECT	\$1,372	\$1,880	\$1,955	\$2,034	\$2,115	\$9,356
				TOTAL	\$8,968	\$12,285	\$12,776	\$13,287	\$13,819	\$61,134

Contractual: \$782

Med Monitor

Years	1	2	3	4	5	Total
	\$107	\$157	\$162	\$170	\$186	\$782

Coordination and Public Information

- Assist in the collection and dissemination of information related to the AIP program.
- Provide, organize, and conduct public meetings with concerned citizens and local government when appropriate in conjunction with Ohio EPA's Public Information Center and prepare news releases.
- Coordinate with DOE's Public Information Office.

Mound: Coordination and Public Information

	FTE	TOTALS
Personnel	0.20	\$31,371
Indirect		\$5,669
Operating	\$13,500 0.20	\$13,500 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Public Infor Spec	P.I. Officer	20%	416	\$24,785	\$3,619	\$4,957	\$5,155	\$5,361	\$5,575	\$24,667
				FRINGE	\$984	\$1,347	\$1,401	\$1,457	\$1,515	\$6,704
				TOTAL PERSONNEL	\$4,603	\$6,304	\$6,556	\$6,818	\$7,090	\$31,371
				INDIRECT	\$832	\$1,139	\$1,185	\$1,232	\$1,281	\$5,669
				TOTAL	\$5,435	\$7,443	\$7,741	\$8,050	\$8,371	\$37,040

4) Environmental Data Management

- Develop and interpret technical information related to Intergraph with specified emphasis on application to monitoring activities associated with the investigation and remediation of hazardous waste sites.
- Edit, maintain and manipulate environmental data within the Intergraph system to determine the nature and extent of contamination.
- Collect background environmental data and evaluate DOE's environmental data and identify any additional system needs required to allow efficient state utilization of data.

MOUND: Environmental Data Management

	FTE	TOTALS
Personnel	0.28	\$65,621
Indirect		\$11,857
Operating	\$13,500 0.28	\$18,900 (5 Yr Total)

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FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Data Manager	Data MGR	28%	582	\$37,029	\$7,569	\$10,368	\$10,783	\$11,214	\$11,663	\$51,597
				FRINGE	\$2,057	\$2,818	\$2,931	\$3,048	\$3,170	\$14,024
				TOTAL PERSONNEL	\$9,626	\$13,186	\$13,714	\$14,262	\$14,833	\$65,621
				INDIRECT	\$1,739	\$2,383	\$2,478	\$2,577	\$2,680	\$11,858
				TOTAL	\$11,365	\$15,569	\$16,192	\$16,839	\$17,513	\$77,479

Contractual: \$59,480

GIS Consultant

Years	1	2	3	4	5	Total
	\$0	\$0	\$16,560	\$21,460	\$21,460	\$59,480

Capital Outlay: \$96,403

T1 Lines

Years	1	2	3	4	5	Total
	\$0	\$0	\$28,074	\$41,601	\$26,728	\$96,403

Miscellaneous: \$36,708

GIS Training

Years	1	2	3	4	5	Total
	\$0	\$0	\$12,708	\$0	\$0	\$12,708

Computer Use

Years	1	2	3	4	5	Total
	\$0	\$0	\$8,000	\$8,000	\$8,000	\$24,000

5) **Financial Management and Assessment**

- o To provide, utilize, and oversee a complex time accounting system to assess state expenditures related to implementation of the AIP.
- o To maintain, distribute, and coordinate financial information to other State agencies and DOE.
- o To collect financial data to provide quarterly Financial Status Reports and to ensure all financial obligations and reporting are met.

MOUND: Financial Management and Assessment

	FTE	TOTALS
Personnel	0.20	\$50,731
Indirect		\$9,167
Operating	\$13,500 0.20	\$13,500 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Grant Coord II	Grant Coord II	10%	208	\$37,029	\$2,703	\$3,703	\$3,851	\$4,005	\$4,165	\$18,427
Fiscal Officer II	Fiscal Officer II	5%	104	\$51,374	\$1,875	\$2,569	\$2,671	\$2,778	\$2,889	\$12,783
Fiscal Spec I	Fiscal Spec I	5%	104	\$34,880	\$1,273	\$1,744	\$1,814	\$1,886	\$1,962	\$8,679
				FRINGE	\$1,590	\$2,179	\$2,266	\$2,356	\$2,451	\$10,842
				TOTAL PERSONNEL	\$7,442	\$10,194	\$10,602	\$11,026	\$11,467	\$50,731
				INDIRECT	\$1,345	\$1,842	\$1,916	\$1,992	\$2,072	\$9,167
				TOTAL	\$8,787	\$12,036	\$12,518	\$13,019	\$13,539	\$59,898

6) DOE Facilities Contract Management and Oversight

- o To provide and manage "Level-of-Effort" contracts to have the ability to quickly mobilize for field work or unusual work events.
- o To provide strict adherence to legal procedures for state bidding and contracts.
- o To oversee contracts management through mobilization orders, related work documents, field supervision, invoice oversight and any other related work.

Mound: DOE Facilities Contract Management and Oversight

	FTE	TOTALS
Personnel	0.15	\$31,067
Indirect		\$5,614
Operating	\$13,500 0.15	\$10,125 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Contract Mgr.	15%	312	\$32,724	\$3,583	\$4,909	\$5,105	\$5,309	\$5,521	\$24,427
				FRINGE	\$974	\$1,334	\$1,388	\$1,443	\$1,501	\$6,639
				TOTAL PERSONNEL	\$4,557	\$6,243	\$6,492	\$6,752	\$7,022	\$31,067
				INDIRECT	\$823	\$1,128	\$1,173	\$1,220	\$1,269	\$5,614
				TOTAL	\$5,381	\$7,371	\$7,666	\$7,972	\$8,291	\$36,681

Contractual: \$372

Med

Monitoring

Years	1	2	3	4	5	Total
	\$50	\$66	\$70	\$84	\$102	\$372

Function: Radiological Assessment and Response

7) General Oversight

- o Coordinate radiological information between DOE, Ohio EPA, Divisions, and ODH Division of Radiological Health.
- o Represent Ohio EPA in the Dose Assessment Room of the State Emergency Operations Center during exercises and actual events and participate in any planning involving radioactive materials incident at DOE facilities.
- o Advise and arrange for training other agency employees and local government entities which could be affected by incidents at DOE facilities.
- o Advise DOE by annual report of facilities operations.

Mound: Radiological Assessment and Response

	FTE	TOTALS
Personnel	0.05	\$13,686
Indirect		\$2,473
Operating	\$13,500 0.05	\$3,375 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Health Phys	Rad Resp. Coord	5%	104	\$43,248	\$1,579	\$2,162	\$2,249	\$2,339	\$2,432	\$10,761
				FRINGE	\$429	\$588	\$611	\$636	\$661	\$2,925
				TOTAL PERSONNEL	\$2,008	\$2,750	\$2,860	\$2,975	\$3,094	\$13,686
				INDIRECT	\$363	\$497	\$517	\$538	\$559	\$2,473
				TOTAL	\$2,370	\$3,247	\$3,377	\$3,512	\$3,653	\$16,159

Contractual: \$372

Med

Monitoring

Years	1	2	3	4	5	Total
	\$50	\$66	\$70	\$84	\$102	\$372

Program: Hazardous Waste Management

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8) RCRA Oversight

- To provide expertise in regard to review comment and assessment of applicable hazardous waste regulation closure submittals, waste minimization submittals, background studies, annual reports, waste and residue characterization plans, hazardous waste release information, and hazardous and mixed waste inventories. Collect samples of hazardous and mixed waste on and potentially off facility property. Provide expertise in regard to engineering design, research, review and distribute information associated with any RCRA hazardous waste management units at the facility. Coordinate RCRA program activities of the Ohio EPA with other Ohio EPA divisions and state agencies with regard to corrective action, ground water monitoring and waste management activities.

Mound: Hazardous Waste Management

	FTE	TOTALS
Personnel	0.25	\$49,710
Indirect		\$8,983
Operating	\$13,500 0.25	\$16,875 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord	25%	520	\$31,417	\$5,734	\$7,854	\$8,168	\$8,495	\$8,835	\$39,086
				FRINGE	\$1,558	\$2,135	\$2,220	\$2,309	\$2,401	\$10,624
				TOTAL PERSONNEL	\$7,292	\$9,989	\$10,389	\$10,804	\$11,236	\$49,710
				INDIRECT	\$1,318	\$1,805	\$1,877	\$1,952	\$2,030	\$8,983
				TOTAL	\$8,610	\$11,794	\$12,266	\$12,756	\$13,267	\$58,693

Program: Drinking and Ground Waters

9) Drinking and Ground Waters

- To review, comment and make recommendations in facility reports or plans pertaining to ground water monitoring system design, ground water sampling, hydrogeological assessment and ground water remedial design and activities.
- Observe and participate in ground water related activities required by other agency divisions.
- Collect samples of ground water on and off site. review existing ground water data pertaining to the site and compare to current data to determine trends.
- Assess the contaminant transport and ground water flow models for ground water systems in and around the facility if needed.

Mound: Drinking and Ground Water

	FTE	TOTALS
Personnel	0.20	\$42,601
Indirect		\$7,698
Operating	\$13,500 0.20	\$13,500 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Geo.Proj. Sup.	Unit Sup.	5%	104	\$37,567	\$1,371	\$1,878	\$1,953	\$2,031	\$2,112	\$9,345
Geo 4	Geo 4	5%	104	\$33,867	\$1,236	\$1,693	\$1,761	\$1,831	\$1,904	\$8,425
Geo 4	Geo 4	5%	104	\$33,867	\$1,236	\$1,693	\$1,761	\$1,831	\$1,904	\$8,425
Geo 3	Geo 3	5%	104	\$29,335	\$1,071	\$1,467	\$1,526	\$1,587	\$1,650	\$7,301
				FRINGE	\$1,336	\$1,829	\$1,903	\$1,979	\$2,058	\$9,105
				TOTAL PERSONNEL	\$6,250	\$8,560	\$8,904	\$9,259	\$9,628	\$42,601
				INDIRECT	\$1,129	\$1,547	\$1,609	\$1,673	\$1,740	\$7,698
				TOTAL	\$7,379	\$10,107	\$10,513	\$10,932	\$11,368	\$50,299

Contractual: \$935

Med Monitor

Years	1	2	3	4	5	Total
	\$150	\$175	\$190	\$205	\$215	\$935

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10) Air Quality Monitoring and Oversight

- o To provide Air Quality monitoring oversight, implement an ambient air sampling program for monitoring radionuclide, volatile organic compounds, metals, toxic air pollutants and any other pollutants.
- o Review and identify the existing DOE air monitoring network for any modifications or improvement needed. Collect split samples from the DOE monitoring network for analyses as deemed necessary. Review the data reports generated by the DOE monitoring efforts and make comments as required.

Mound: Air Quality Monitoring and Oversight

	FTE	TOTALS
Personnel	0.60	\$135,361
Indirect		\$24,459
Operating	\$13,500 0.60	\$40,500 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Site Coord	20%	416	\$31,417	\$4,587	\$6,283	\$6,534	\$6,795	\$7,067	\$31,266
Environ. Supr	Air Monitoring Supr	5%	104	\$43,357	\$1,583	\$2,168	\$2,255	\$2,345	\$2,439	\$10,790
Environ. Mgr	Tech Serv Mgr	5%	104	\$39,032	\$1,425	\$1,952	\$2,030	\$2,111	\$2,195	\$9,713
Environ. Supr	QA Unit Supr	5%	104	\$44,129	\$1,611	\$2,206	\$2,294	\$2,386	\$2,481	\$10,978
Environ. Supr	Data Mgr	5%	104	\$45,952	\$1,677	\$2,298	\$2,390	\$2,486	\$2,585	\$11,436
Environ. Supr	Air Instrument Supr	5%	104	\$43,617	\$1,592	\$2,181	\$2,268	\$2,359	\$2,453	\$10,853
Word Processor	Gen Clerical	5%	104	\$26,652	\$973	\$1,333	\$1,386	\$1,441	\$1,499	\$6,632
Environ Spec II	Central Oper Supp	10%	208	\$29,670	\$2,166	\$2,967	\$3,086	\$3,209	\$3,337	\$14,765
FRINGE					\$4,244	\$5,813	\$6,046	\$6,287	\$6,538	\$28,928
TOTAL PERSONNEL					\$19,858	\$27,201	\$28,289	\$29,419	\$30,594	\$135,361
INDIRECT					\$3,588	\$4,915	\$5,112	\$5,316	\$5,528	\$24,459
TOTAL					\$23,446	\$32,116	\$33,401	\$34,735	\$36,122	\$159,820

Contractual: \$85,865

Med Monitoring	Years	1	2	3	4	5	Total
		\$2,073	\$2,003	\$2,083	\$2,167	\$2,253	\$10,579

RAD Consultant	Years	1	2	3	4	5	Total
		\$3,300	\$3,300	\$3,300	\$3,300	\$3,300	\$16,500

Data Acquisition Consulting	Years	1	2	3	4	5	Total
		\$16,666	\$0	\$5,000	\$0	\$0	\$21,666

Lab Analysis	Years	1	2	3	4	5	Total
		\$8,000	\$7,280	\$7,280	\$7,280	\$7,280	\$37,120

Capital Outlay: \$172,000

Data Log and Record	Years	1	2	3	4	5	Total
		\$44,000	\$0	\$0	\$0	\$0	\$44,000

Misc. Safety & Monitor Equip.	Years	1	2	3	4	5	Total
		\$114,000	\$14,000	\$0	\$0	\$0	\$128,000

11) Surface Water Monitoring

- o Water Quality Planning and Assessment will develop and implement a surface water monitoring program as necessary to validate DOE data to assess and ensure compliance with federal, state and local environmental laws and regulations and to protect and improve surface water resources.
- o Water Quality will conduct surface water, sediment and biological sampling to evaluate point source and nonpoint source impacts on surface waters on and adjacent to the Department of Energy (DOE) facility and will continue periodic monitoring of all discharges.
- o Water Quality will assess possible impacts on aquatic ecosystems in the vicinity of the DOE facility based on the biological sampling and correlate impacts with sediments and surface water data to determine possible sources.

Mound: Surface Water Monitoring

	FTE	TOTALS
Personnel	0.65	\$134,624
Indirect		\$24,326
Operating	\$13,500 0.65	\$43,875 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Surf Watr Montr	25%	520	\$32,724	\$5,972	\$8,181	\$8,508	\$8,848	\$9,202	\$40,711
Environ Spec II	Surf Watr Montr	40%	832	\$32,724	\$9,555	\$13,090	\$13,614	\$14,159	\$14,725	\$65,143
FRINGE					\$4,220	\$5,781	\$6,013	\$6,253	\$6,503	\$28,770
TOTAL PERSONNEL					\$19,747	\$27,052	\$28,135	\$29,260	\$30,430	\$134,624
INDIRECT					\$3,568	\$4,888	\$5,084	\$5,287	\$5,499	\$24,326
TOTAL					\$23,315	\$31,940	\$33,219	\$34,547	\$35,929	\$158,950

Contractual: \$11,500

Med
Monitoring

Years	1	2	3	4	5	Total
	\$2,100	\$2,200	\$2,300	\$2,400	\$2,500	\$11,500

Outlay: \$16,200

Misc. Safety &
Monitor Equip.

Years	1	2	3	4	5	Total
	\$16,200	\$0	\$0	\$0	\$0	\$16,200

Program: Ohio Department of Health

12) Health Physics Oversight

- o The Ohio Department of Health (ODH) will provide health physics support on risk assessment for site characterization and remediation activities and coordinate with Ohio EPA in the evaluation of related environmental monitoring systems.

Mound: General Oversight

	FTE	TOTALS
Personnel	8.00	\$243,698
Indirect		\$87,731
Operating		\$35,985 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$1,514	\$2,765	\$4,313	\$4,485	\$4,665	\$17,742
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$2,525	\$3,938	\$4,096	\$4,260	\$14,819
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$947	\$1,731	\$2,700	\$2,808	\$2,920	\$11,106
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$2,467	\$4,506	\$7,030	\$7,311	\$7,604	\$28,918
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$0	\$4,506	\$7,030	\$7,311	\$7,604	\$26,451
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$2,056	\$3,755	\$5,858	\$6,093	\$6,336	\$24,098
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$3,469	\$5,412	\$5,629	\$5,854	\$20,364
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$2,837	\$4,426	\$4,603	\$4,787	\$16,653
Secretary	Secretary	50%	1,040	\$21,278	\$777	\$1,419	\$2,213	\$2,301	\$2,393	\$9,103
Processor	Word Processor	100%	2,080	\$21,278	\$1,553	\$2,837	\$4,426	\$4,603	\$4,787	\$18,206
FRINGE					\$2,794	\$9,105	\$14,204	\$14,772	\$15,363	\$56,238
TOTAL PERSONNEL					\$12,108	\$39,455	\$61,550	\$64,012	\$66,573	\$243,698
INDIRECT					\$4,359	\$14,204	\$22,158	\$23,044	\$23,966	\$87,731
TOTAL					\$16,467	\$53,659	\$83,708	\$87,056	\$90,539	\$331,429

Contractual: \$5,492

Med Monitor

Years	1	2	3	4	5	Total
	\$659	\$879	\$1,318	\$1,318	\$1,318	\$5,492

Capital Outlay: \$16,910

Office Furniture and Equip

Years	1	2	3	4	5	Total
	\$1,148	\$1,530	\$1,530	\$0	\$0	\$4,208

Data Mgmt Equip

Years	1	2	3	4	5	Total
	\$2,381	\$1,985	\$0	\$0	\$0	\$4,366

Misc. Monitoring Equipment

Years	1	2	3	4	5	Total
	\$1,132	\$754	\$6,450	\$0	\$0	\$8,336

Program: Environmental Monitoring Oversight

13) Environmental Monitoring Oversight

- The radiological environmental monitoring, these efforts include development and oversight of the radiological sampling plan and coordinating radiological lab analysis of samples for each site by the State of Ohio. ODH will evaluate application of compliance with applicable state regulations, policies, and acceptable health physics practices and procedures in the following areas: sampling and analytical procedures, Surface Water and Biota Monitoring, Groundwater Monitoring, Air Quality Monitoring, and Drinking Water Monitoring.

Mound: General Oversight

	FTE	TOTALS
Personnel	7.00	\$206,105
Indirect		\$74,198
Operating		\$30,947 (5 Yr Total)

FTE Allocation

		FTE %Usage								
		10%	13%	20%	20%	20%				
POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$1,514	\$2,765	\$4,313	\$4,485	\$4,665	\$17,742
Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$2,525	\$3,938	\$4,096	\$4,260	\$14,819
in. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$947	\$1,731	\$2,700	\$2,808	\$2,920	\$11,106
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$0	\$4,506	\$7,030	\$7,311	\$7,604	\$26,451
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$2,056	\$3,755	\$5,858	\$6,093	\$6,336	\$24,098
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$3,469	\$5,412	\$5,629	\$5,854	\$20,364
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$2,837	\$4,426	\$4,603	\$4,787	\$16,653
Secretary	Secretary	50%	1,040	\$21,278	\$777	\$1,419	\$2,213	\$2,301	\$2,393	\$9,103
Word Processor	Word Processor	100%	2,080	\$21,278	\$1,553	\$2,837	\$4,426	\$4,603	\$4,787	\$18,206
				FRINGE	\$2,054	\$7,753	\$12,095	\$12,579	\$13,082	\$47,563
				TOTAL PERSONNEL	\$8,901	\$33,597	\$52,411	\$54,508	\$56,688	\$206,105
				INDIRECT	\$3,204	\$12,095	\$18,868	\$19,623	\$20,408	\$74,198
				TOTAL	\$12,105	\$45,692	\$71,279	\$74,131	\$77,096	\$280,303

Contractual: \$437,510

Med Monitor

Years	1	2	3	4	5	Total
	\$527	\$527	\$527	\$527	\$527	\$2,635

Lab Rad Analysis

Years	1	2	3	4	5	Total
	\$10,527	\$94,093	\$127,539	\$101,969	\$100,747	\$434,875

Capital Outlay: \$13,060

Office Furniture and Equip

Years	1	2	3	4	5	Total
	\$1,148	\$1,530	\$765	\$0	\$0	\$3,443

Data Mgmt Equip

Years	1	2	3	4	5	Total
	\$2,381	\$1,490	\$0	\$0	\$0	\$3,871

Misc. Monitoring Equipment

Years	1	2	3	4	5	Total
	\$943	\$4,803	\$0	\$0	\$0	\$5,746

14) Ohio Emergency Management Agency

For coordination with Ohio EPA, Certain actions are needed to enable state and local governments to adequately respond to protect the citizens of Ohio from emergencies that could occur at DOE facilities in the state. The Ohio EMA shall coordinate the development of the state and local government off-site Emergency Response Program for the DOE facilities located in Fernald, Piketon, and Miamisburg (and others as necessary). The program will include:

- o Emergency Planning - evaluate, revise, complete, and maintain, as necessary, the multijurisdictional State Hazardous Materials Emergency Management Plan and the DOE Annex to that plan.
- o Training - in coordination with DOE and the affected counties, shall develop a training plan (i.e., implementation procedures) based on the state plan and conduct training to support local and state governments' capability to respond to emergency situations.
- o Organization - work with local governments and state agencies to develop and maintain an organization necessary to respond to protect the lives, environment, and property of citizens in and around the DOE facilities.
- o Communications - in coordination with DOE and the affected counties, shall: 1) develop an interim communications system to include a direct ringdown telephone line, to ensure that events are reported and the vital informatin can be disseminated; 2) conduct an independent communications study to determine the communications system necessary to support notification (as defined in the state plan), emergency response, and command and control for state agencies and local governments; and 3) support the development of an automated computerized Emergency Notification Reporting and Emergency Information Management System.
- o Facilities - assist state agencies and local governments in the further development of Emergency Operations Centers to include facilities for hazard assessment and towards a goal of automated computerized equipment to interface with DOE facilities.
- o Emergency Response Staff - develop and maintain an Emergency Response Staff, available 24-hours per day, to receive notification of DOE events, man the State Assessment Room, mobilize the state response, assess all incidents and make protective recommendations to local governments.
- o Drills and Exercises - in conjunction with DOE, shall develop and conduct drills and exercises in ublic understanding of emergency preparedness issues.
- o Analysis of Toxic Releases - assist in the evaluation and interpretation of information on toxic releases to the environment at the DOE facilities in Ohio.

2. DEVELOPMENT OF ANNUAL REPORT

Ohio EMA shall provide an annual report to DOE of its activities in the following areas:

DOE Liaison - establish a DOE liaison and assistant whose duties shall include the coordination of DOE-related planning, training, and exercising for local and state agencies.

o Public Relations - increase its effort for better public understanding of emergency preparedness issues.

o Analysis of Toxic Releases - assist in the evaluation and interpretation of information on toxic releases to the environment at the DOE facilities in Ohio.

Fernald Emergency Management Agency

	FTE	TOTALS
Personnel	0.66	\$170,775
Indirect		\$0
Operating	\$13,500 0.66	\$44,550

(5 Yr. Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Planner II	Planner	33%	686	\$40,883	\$9,849	\$13,491	\$14,031	\$14,592	\$15,176	\$67,139
Environ Spec II	Haz Material Tech	33%	686	\$40,883	\$9,849	\$13,491	\$14,031	\$14,592	\$15,176	\$67,139
FRINGE					\$5,354	\$7,334	\$7,627	\$7,932	\$8,250	\$36,497
TOTAL PERSONNEL					\$25,052	\$34,316	\$35,689	\$37,116	\$38,602	\$170,775
TOTAL					\$25,052	\$34,316	\$35,689	\$37,116	\$38,602	\$170,775

Capital Outlay: \$14,437

Office Setup
& Modification

Years	1	2	3	4	5	Total
	\$1,597	\$0	\$0	\$0	\$0	\$1,597

Vehicle
(leased)

Years	1	2	3	4	5	Total
	\$1,247	\$1,247	\$1,309	\$1,374	\$1,443	\$6,620

Computers and Data
Mgmt Equip.

Years	1	2	3	4	5	Total
	\$6,220	\$0	\$0	\$0	\$0	\$6,220

Subsidies: \$75,000

Years	1	2	3	4	5	Total
	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

**EXECUTIVE SUMMARY for
U.S. D.O.E. PORTSMOUTH
January 1, 1993-December 31, 1997**

**COST PER YEAR and
COST PER CATEGORY**

	1993	1994	1995	1996	1997	TOTAL
FRINGE	\$42,937	\$68,920	\$67,293	\$69,987	\$72,782	\$321,919
PERSONNEL	\$197,073	\$313,747	\$307,297	\$319,594	\$332,364	\$1,470,075
INDIRECT	\$39,559	\$69,954	\$65,911	\$68,551	\$71,288	\$315,263
OPERATING	\$62,154	\$62,154	\$62,154	\$62,154	\$62,154	\$310,769
CONTRACTUAL	\$100,250	\$207,480	\$175,884	\$156,383	\$155,898	\$795,895
CAPITAL OUTLAY	\$280,346	\$70,186	\$47,548	\$43,856	\$46,277	\$488,213
OTHER (MISC)	\$27,787	\$23,000	\$23,000	\$23,000	\$23,000	\$119,787
TOTAL	\$707,169	\$746,521	\$681,794	\$673,538	\$690,981	\$3,500,000

*NOTE DUE TO ROUNDING THE FINAL TOTAL WAS IN EXCESS \$2 AND ADJUSTED APPROPRIATELY

PORTSMOUTH

State Environmental Oversight and Monitoring Program
January 1, 1993 through December 31, 1997

4403

Program: Emergency and Remedial Response

1) General Oversight

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management, to support assessment of Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessment, feasibility studies, interim actions and final remedial actions and related environmental monitoring systems.
- o Maintain logging, distribution of documents, records, and schedules associated with the Ohio EPA's involvement with the facilities. Responsible for typing of comprehensive analytical reports of DOE operations and related environmental monitoring systems and requested quarterly reports, database inventory, copying and provide the maintenance and oversight of microfilming support for DOE documents and related correspondence.

PORTSMOUTH EMERGENCY AND REMEDIAL RESPONSE

	FTE	TOTALS
Personnel	0.90	\$344,120
Indirect		\$62,182
Operating	\$13,500 0.90	\$60,750 (5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	70%	1,456	\$69,256	\$35,390	\$48,479	\$50,418	\$52,435	\$54,532	\$241,254
Record Mgr	Record Mgr	5%	104	\$20,259	\$739	\$1,013	\$1,054	\$1,096	\$1,140	\$5,042
Environ Spec. II	Health Physicist	3%	62	\$32,724	\$717	\$982	\$1,021	\$1,062	\$1,104	\$4,886
Environ Spec. II	RD/RA Coord.	3%	62	\$38,569	\$845	\$1,157	\$1,203	\$1,251	\$1,301	\$5,757
Environ. Supr.	Unit Supervisor	2%	42	\$38,569	\$563	\$771	\$802	\$834	\$867	\$3,837
Environ Spec. II	Risk Assess	4%	83	\$32,724	\$956	\$1,309	\$1,361	\$1,415	\$1,472	\$6,513
Office Assistant	General Clerical	3%	62	\$22,032	\$483	\$661	\$687	\$714	\$743	\$3,288
FRINGE					\$10,789	\$14,778	\$15,369	\$15,984	\$16,623	\$73,543
TOTAL PERSONNEL					\$50,482	\$69,150	\$71,915	\$74,791	\$77,782	\$344,120
INDIRECT					\$9,122	\$12,495	\$12,995	\$13,515	\$14,055	\$62,182
TOTAL					\$59,604	\$81,645	\$84,910	\$88,306	\$91,837	\$406,302

Contractual: \$218,699

Rad. Consulting

Years	1	2	3	4	5	Total
	\$10,000	\$10,500	\$11,025	\$11,576	\$12,155	\$55,256

Lab. Analyses

Years	1	2	3	4	5	Total
	\$34,945	\$37,350	\$22,808	\$28,820	\$28,520	\$152,443

Med. Monitor

Years	1	2	3	4	5	Total
	\$2,000	\$2,100	\$2,200	\$2,300	\$2,400	\$11,000

Capital Outlay: \$12,820

Misc. Safety &
Monitor Equip

Years	1	2	3	4	5	Total
	\$12,820	\$0	\$0	\$0	\$0	\$12,820

2) DOE Facilities Laboratory Monitoring Data

- o To provide a central point of contact for all Central and District Office staff for all of DOE related analytical needs. To review and assess data collection, validate and review reporting methods.
- o Develop and provide analytical contracts capable of analyzing all pertinent parameters. Coordinate and communicate district sampling request with the appropriate contract laboratories.
- o Review and validate environmental monitoring data.

	FTE	TOTALS
Personnel	0.08	\$16,566
Indirect		\$2,993
Operating	\$13,500 0.08	\$5,400

(5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Lab Coord.	5%	104	\$32,724	\$1,194	\$1,636	\$1,701	\$1,769	\$1,840	\$8,140
Environ Spec. II	Site Coord	3%	62	\$32,724	\$717	\$982	\$1,021	\$1,062	\$1,104	\$4,886
FRINGE					\$519	\$712	\$740	\$769	\$800	\$3,540
TOTAL PERSONNEL					\$2,430	\$3,330	\$3,462	\$3,600	\$3,744	\$16,566
INDIRECT					\$439	\$602	\$626	\$651	\$677	\$2,993
TOTAL					\$2,869	\$3,932	\$4,088	\$4,251	\$4,421	\$19,559

Contractual: \$1,468
Med. Monitor

Years	1	2	3	4	5	Total
	\$280	\$280	\$292	\$302	\$314	\$1,468

3) Coordination and Public Awareness

- o Assist in the collection and dissemination of information related to the AIP program.
- o Provide, organize, and conduct public meetings with concerned citizens and local government when appropriate in conjunction with Ohio EPA's Public Information Center and prepare news releases.
- o Coordinate with DOE's Public Information Office.

Portsmouth Coordination and Public Awareness

	FTE	TOTALS
Personnel	0.10	\$15,689
Indirect		\$2,836
Operating	\$13,500 0.10	\$6,750

(5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Public Infor Spec	P.I. Officer	10%	\$208	\$24,785	\$1,809	\$2,479	\$2,578	\$2,681	\$2,788	\$12,335
FRINGE					\$492	\$674	\$701	\$729	\$758	\$3,353
TOTAL PERSONNEL					\$2,301	\$3,153	\$3,279	\$3,410	\$3,546	\$15,688
INDIRECT					\$416	\$570	\$593	\$616	\$641	\$2,835
TOTAL					\$2,717	\$3,723	\$3,872	\$4,026	\$4,187	\$18,523

4) Environmental Data Management

- o Develop and interpret technical information related to Intergraph with specified emphasis on application to monitoring activities associated with the investigation and remediation of hazardous waste sites.
- o Edit, maintain and manipulate environmental data within the Intergraph system to determine the nature and extent of contamination.
- o Collect background environmental data and evaluate DOE's environmental data and identify any additional system needs required to allow efficient state utilization of data.

Indirect			\$4,234
Operating	\$13,500	0.10	\$6,750 (5 Yr Total)

4403

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Data Manager	Data Manager	10%	208	\$37,029	\$2,703	\$3,703	\$3,851	\$4,005	\$4,165	\$18,42
FRINGE					\$735	\$1,006	\$1,047	\$1,089	\$1,132	\$5,00
TOTAL PERSONNEL					\$3,438	\$4,709	\$4,898	\$5,094	\$5,297	\$23,43
INDIRECT					\$621	\$851	\$885	\$920	\$957	\$4,23
TOTAL					\$4,059	\$5,560	\$5,783	\$6,014	\$6,254	\$27,66

Contractual: \$37,872

GIS Consultant

Years	1	2	3	4	5	Total
	\$0	\$0	\$12,624	\$12,624	\$12,624	\$37,872

Capital Outlay: \$268,101

Data Mgmt

Years	1	2	3	4	5	Total
Equipment	\$74,700	\$0	\$0	\$0	\$0	\$74,700

TI Lines

Years	1	2	3	4	5	Total
	\$27,592	\$38,041	\$40,235	\$42,556	\$44,977	\$193,401

Miscellaneous: \$44,787

Integrph

Years	1	2	3	4	5	Total
Training	\$4,787	\$0	\$0	\$0	\$0	\$4,787

Computer Use

Years	1	2	3	4	5	Total
	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000

5) Financial Management and Assessment

- o To provide, utilize, and oversee a complex time accounting system to assess state expenditures related to implementation of the AIP.
- o To maintain, distribute, and coordinate financial information to other State agencies and DOE.
- o To collect financial data to provide quarterly Financial Status Reports and to ensure all financial obligations and reporting are met.

Portsmouth Financial Management and Assessment

	FTE	TOTALS
Personnel	0.10	\$24,839
Indirect		\$4,489
Operating	\$13,500 0.10	\$6,750 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Grant Coord. II	Grant Coord. II	5%	104	\$37,029	\$1,352	\$1,851	\$1,925	\$2,002	\$2,082	\$9,212
Fiscal Officer II	Fiscal Officer II	2%	42	\$51,374	\$750	\$1,027	\$1,068	\$1,111	\$1,155	\$5,111
Fiscal Spec. I	Fiscal Spec. I	3%	62	\$34,880	\$764	\$1,046	\$1,088	\$1,132	\$1,177	\$5,207
FRINGE					\$779	\$1,067	\$1,109	\$1,154	\$1,200	\$5,308
TOTAL PERSONNEL					\$3,645	\$4,991	\$5,190	\$5,399	\$5,614	\$24,838
INDIRECT					\$659	\$902	\$938	\$976	\$1,014	\$4,489
TOTAL					\$4,304	\$5,893	\$6,128	\$6,375	\$6,628	\$29,327

- o To provide and manage "Level-of-Effort" contracts to have the ability to quickly mobilize for field work or unusual work events.
- o To provide strict adherence to legal procedures for state bidding and contracts.
- o To oversee contracts management through mobilization orders, related work documents, field supervision, invoice oversight and any other related work.

tsmouth DOE Facilities Contract Management and Oversight

	FTE	TOTALS
Personnel	0.05	\$9,943
Indirect		\$1,796
Operating	\$13,500 0.05	\$3,375 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Environ Spec. II	5%	104	\$31,417	\$1,147	\$1,571	\$1,634	\$1,699	\$1,767	\$7,818
				FRINGE	\$312	\$427	\$444	\$462	\$480	\$2,125
				TOTAL PERSONNEL	\$1,459	\$1,998	\$2,078	\$2,161	\$2,247	\$9,943
				INDIRECT	\$264	\$361	\$375	\$390	\$406	\$1,796
				TOTAL	\$1,723	\$2,359	\$2,453	\$2,551	\$2,653	\$11,739

Contractual: \$372

Med Monitor

Years	1	2	3	4	5	Total
	\$50	\$66	\$70	\$84	\$102	\$372

Program: Hazardous Waste Management

7) RCRA Oversight

- o To provide expertise in regard to review comment and assessment of applicable hazardous waste regulation closure submittals, waste minimization strategies, background studies, annual reports, waste and residue characterization plans, hazardous waste release information, and hazardous and mixed waste inventories. Collect samples of hazardous and mixed waste on and potentially off facility property. Provide expertise in regard to engineering design, research, review and distribute information associated with any RCRA hazardous waste management units at the facility. Coordinate RCRA program activities of the Ohio EPA with other Ohio EPA divisions and state agencies with regard to corrective action, ground water monitoring and waste management activities.

Portsmouth Hazardous Waste Management

	FTE	TOTALS
Personnel	0.15	\$29,830
Indirect		\$5,390
Operating	\$13,500 0.15	\$10,125 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec. II	Site Coord.	15%	312	\$31,417	\$3,440	\$4,713	\$4,902	\$5,098	\$5,302	\$23,455
				FRINGE	\$935	\$1,281	\$1,332	\$1,386	\$1,441	\$6,375
				TOTAL PERSONNEL	\$4,375	\$5,994	\$6,234	\$6,484	\$6,743	\$29,830
				INDIRECT	\$791	\$1,083	\$1,126	\$1,172	\$1,218	\$5,390
				TOTAL	\$5,166	\$7,077	\$7,360	\$7,656	\$7,961	\$35,220

Program: Drinking and Ground Waters

8) Drinking and Ground Waters

- o To review, comment and make recommendations in facility reports or plans pertaining to ground water monitoring system design, ground water sampling, hydrogeological assessment and ground water remedial design and activities.
- o Observe and participate in ground water related activities required by other agency divisions.
- o Collect samples of ground water on and off site, review existing ground water data pertaining to the site and compare to current data to determine trends.
- o Assess the contaminant transport and ground water flow models for ground water systems in and around the facility if needed.

	FTE	TOTALS
Personnel	0.25	\$54,491
Indirect		\$9,847
Operating	\$13,500 0.25	\$16,875 (5 Yr Total)

TE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Geo.Proj. Supr.	Unit Supr	10%	208	\$37,567	\$2,742	\$3,757	\$3,907	\$4,063	\$4,226	\$18,695
Geo 4	Geo 4	5%	104	\$33,867	\$1,236	\$1,693	\$1,761	\$1,831	\$1,904	\$8,425
Geo 4	Geo 4	5%	104	\$33,867	\$1,236	\$1,693	\$1,761	\$1,831	\$1,904	\$8,425
Geo 3	Geo 3	5%	104	\$29,335	\$1,071	\$1,467	\$1,526	\$1,587	\$1,650	\$7,301
FRINGE					\$1,708	\$2,340	\$2,434	\$2,531	\$2,632	\$11,646
TOTAL PERSONNEL					\$7,993	\$10,950	\$11,389	\$11,843	\$12,316	\$54,492
INDIRECT					\$1,444	\$1,979	\$2,058	\$2,140	\$2,226	\$9,847
TOTAL					\$9,437	\$12,929	\$13,447	\$13,983	\$14,542	\$64,339

Contractual: \$1,468

Med Monitor

Years	1	2	3	4	5	Total
	\$280	\$280	\$292	\$302	\$314	\$1,468

Program: Air Pollution Control

9) Air Quality Monitoring and Oversight

- o To provide Air Quality monitoring oversight, implement an ambient air sampling program for monitoring radionuclide, volatile organic compounds, metals, toxic air pollutants and any other pollutants.
- o Review and identify the existing DOE air monitoring network for any modifications or improvement needed. Identify improvements necessary from a good practice standpoint. Collect split samples from the DOE monitoring network for analyses as deemed necessary. Review the data reports generated by the DOE monitoring efforts and make comments as required.

Portsmouth Air Quality Monitoring and Oversight

	FTE	TOTALS
Personnel	0.38	\$93,335
Indirect		\$16,866
Operating	\$13,500 0.38	\$25,650 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Site Coord	10%	208	\$31,417	\$2,293	\$3,142	\$3,268	\$3,399	\$3,535	\$15,637
Environ. Supr	Air Monitoring Supr	5%	104	\$43,357	\$1,583	\$2,168	\$2,255	\$2,345	\$2,439	\$10,790
Environ. Mgr	Tech Serv Mgr	5%	104	\$39,032	\$1,425	\$1,952	\$2,030	\$2,111	\$2,195	\$9,713
Environ. Supr	QA Unit Supr	5%	104	\$44,129	\$1,611	\$2,206	\$2,294	\$2,386	\$2,481	\$10,978
Environ. Supr	Data Mgr	5%	104	\$45,952	\$1,677	\$2,298	\$2,390	\$2,486	\$2,585	\$11,436
Environ. Supr	Air Instrument Supr	5%	104	\$43,617	\$1,592	\$2,181	\$2,268	\$2,359	\$2,453	\$10,853
Word Processor	Gen Clerical	3%	62.4	\$26,652	\$584	\$800	\$832	\$865	\$900	\$3,981
FRINGE					\$2,926	\$4,008	\$4,169	\$4,335	\$4,509	\$19,947
TOTAL PERSONNEL					\$13,691	\$18,755	\$19,506	\$20,286	\$21,097	\$93,335
INDIRECT					\$2,474	\$3,389	\$3,525	\$3,666	\$3,812	\$16,866
TOTAL					\$16,165	\$22,144	\$23,031	\$23,952	\$24,909	\$110,201

Med. Monitor.

Years	1	2	3	4	5	Total
	\$280	\$280	\$292	\$302	\$314	\$1,468

RAD Consultant

Years	1	2	3	4	5	Total
	\$3,300	\$3,300	\$3,300	\$3,300	\$3,300	\$16,500

Data Acquisition

Consulting

Years	1	2	3	4	5	Total
	\$16,666	\$0	\$5,000	\$0	\$0	\$21,666

Lab Analysis

Years	1	2	3	4	5	Total
	\$7,980	\$7,960	\$7,960	\$7,960	\$7,960	\$39,820

Capital Outlay: \$123,600

Data Log and

Record

Years	1	2	3	4	5	Total
	\$36,000	\$0	\$0	\$0	\$0	\$36,000

Misc. Safety &

Lab Mntn Equip.

Years	1	2	3	4	5	Total
	\$72,600	\$15,000	\$0	\$0	\$0	\$87,600

Program: Water Quality Planning and Assessment

10) Surface Water Monitoring

- o Water Quality Planning and Assessment will develop and implement a surface water monitoring program as necessary to validate DOE data to assess and ensure compliance with federal, state and local environmental laws and regulations and to protect and improve surface water resources.
- o Water Quality will conduct surface water, sediment and biological sampling to evaluate point source and nonpoint source impacts on surface waters on and adjacent to the Department of Energy (DOE) facility and will continue periodic monitoring of all discharges.
- o Water Quality will assess possible impacts on aquatic ecosystems in the vicinity of the DOE facility based on the biological sampling and correlate impacts with sediments and surface water data to determine possible sources.

Portsmouth Water Quality Planning and Assessment

	FTE	TOTALS	
Personnel	1.00	\$207,113	
Indirect		\$37,424	
Operating	\$13,500 1.00	\$67,500	(5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Surf water Monitor	70%	1456	\$32,724	\$16,722	\$22,907	\$23,823	\$24,776	\$25,767	\$113,995
Environ Spec II	Tech Assist Coord	30%	624	\$32,724	\$7,167	\$9,817	\$10,210	\$10,618	\$11,043	\$48,855
	FRINGE				\$6,493	\$8,894	\$9,250	\$9,620	\$10,005	\$44,263
	TOTAL PERSONNEL				\$30,382	\$41,618	\$43,283	\$45,014	\$46,815	\$207,113
	INDIRECT				\$5,490	\$7,520	\$7,821	\$8,134	\$8,459	\$37,424
	TOTAL				\$35,872	\$49,138	\$51,104	\$53,148	\$55,274	\$244,537

Contractual: \$11,082

Med. Monitor

Years	1	2	3	4	5	Total
	\$2,082	\$2,100	\$2,200	\$2,300	\$2,400	\$11,082

Capital Outlay: \$21,497

Computer

Workstation

Years	1	2	3	4	5	Total
	\$5,600	\$0	\$0	\$0	\$0	\$5,600

Misc. Safety & Lab

Monitor Equip.

Years	1	2	3	4	5	Total
	\$15,897	\$0	\$0	\$0	\$0	\$15,897

11) Health Physics Oversight

440

The Ohio Department of Health (ODH) will provide health physics support on risk assessment for site characterization and remediation activities and coordinate with Ohio EPA in the evaluation of related environmental monitoring systems.

smooth Ohio Department of Health

	FTE	TOTALS
Personnel	8.00	\$243,513
Indirect		\$87,665
Operating		\$25,911 (5 Yr Total)

FTE Allocation				FTE % USED	20%	20%	17%	17%	17%	
POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$3,027	\$4,147	\$3,594	\$3,738	\$3,887	\$18,393
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$3,787	\$3,282	\$3,413	\$3,550	\$14,032
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$1,895	\$2,596	\$2,250	\$2,340	\$2,433	\$11,514
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$4,935	\$6,760	\$5,858	\$6,093	\$6,336	\$29,982
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$0	\$6,760	\$5,858	\$6,093	\$6,336	\$25,047
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$4,112	\$5,633	\$4,882	\$5,077	\$5,280	\$24,984
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$5,204	\$4,510	\$4,691	\$4,878	\$19,283
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$4,256	\$3,688	\$3,836	\$3,989	\$15,769
Secretary	Secretary	50%	1,040	\$21,278	\$1,553	\$2,128	\$1,844	\$1,918	\$1,995	\$9,438
Word Processor	Word Processor	100%	2,080	\$21,278	\$3,107	\$4,256	\$3,688	\$3,836	\$3,989	\$18,876
FRINGE					\$5,589	\$13,658	\$11,836	\$12,311	\$12,802	\$56,195
TOTAL PERSONNEL					\$24,218	\$59,185	\$51,290	\$53,346	\$55,475	\$243,513
INDIRECT					\$8,718	\$21,307	\$18,464	\$19,205	\$19,971	\$87,665
TOTAL					\$32,936	\$80,492	\$69,754	\$72,551	\$75,446	\$331,178

Contractual: \$5,961

Med. Monitoring

Years	1	2	3	4	5	Total
	\$1,332	\$1,332	\$1,099	\$1,099	\$1,099	\$5,961

Capital Outlay: \$26,561

Office Furniture and Equipment

Years	1	2	3	4	5	Total
	\$10,050	\$0	\$0	\$0	\$0	\$10,050

Data Mgmt & Equipment

Years	1	2	3	4	5	Total
	\$4,763	\$2,978	\$0	\$0	\$0	\$7,741

Misc. Safety & Lab. Monitoring Equip

Years	1	2	3	4	5	Total
	\$2,263	\$1,132	\$5,375	\$0	\$0	\$8,770

Program: Environmental Monitoring Oversight

12) Environmental Monitoring Oversight

The radiological environmental monitoring, these efforts include development and oversight of the radiological sampling plan and coordinating radiological lab analysis of samples for each site by the State of Ohio. ODH will evaluate application of compliance with applicable state regulations, policies, and acceptable health physics practices and procedures in the following areas: sampling and analytical procedures, Surface Water and Biota Monitoring, Groundwater Monitoring, Air Quality Monitoring, and Drinking Water Monitoring.

smooth Environmental Monitoring Oversight

	FTE	TOTALS
Personnel	7.00	\$210,545
Indirect		\$75,796
Operating	7.00	\$22,283 (5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$3,027	\$4,147	\$3,594	\$3,738	\$3,887	\$18,393
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$3,787	\$3,282	\$3,413	\$3,550	\$14,032
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$1,895	\$2,596	\$2,250	\$2,340	\$2,433	\$11,514
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$4,935	\$6,760	\$5,858	\$6,093	\$6,336	\$29,982
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$0	\$5,633	\$4,882	\$5,077	\$5,280	\$20,872
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$3,799	\$5,204	\$4,510	\$4,691	\$4,878	\$23,082
Secretary	Secretary	100%	2,080	\$21,278	\$3,107	\$4,256	\$3,688	\$3,836	\$3,989	\$18,876
Secretary	Secretary	50%	1,040	\$21,278	\$1,553	\$2,128	\$1,844	\$1,918	\$1,995	\$9,438
Word Processor	Word Processor	100%	2,080	\$21,278	\$0	\$4,256	\$3,688	\$3,836	\$3,989	\$15,769
FRINGE					\$5,495	\$11,630	\$10,079	\$10,483	\$10,901	\$48,587
TOTAL PERSONNEL					\$23,811	\$50,397	\$43,675	\$45,425	\$47,238	\$210,545
INDIRECT					\$8,572	\$18,143	\$15,723	\$16,353	\$17,006	\$75,796
TOTAL					\$32,383	\$68,540	\$59,398	\$61,778	\$64,244	\$286,341

Contractual: \$439,519

Med. Monit

Years	1	2	3	4	5	Total
	\$1,054	\$1,054	\$1,054	\$1,054	\$1,054	\$5,270

Lab RAD

Years	1	2	3	4	5	Total
Analyses	\$20,001	\$140,878	\$105,668	\$84,360	\$83,342	\$434,249

Capital Outlay: \$21,317

Office Furniture

Years	1	2	3	4	5	Total
and Equipment	\$2,295	\$2,295	\$638	\$0	\$0	\$5,228

Data Mgmt

Years	1	2	3	4	5	Total
& Equipment	\$4,763	\$2,235	\$0	\$0	\$0	\$6,998

Misc. Safety &

Years	1	2	3	4	5	Total
Lab Maint. Equip.	\$1,886	\$7,205	\$0	\$0	\$0	\$9,091

Program: Ohio Emergency Management Agency

13) Ohio Emergency Management Agency

- 1 For coordination with Ohio EPA. Certain actions are needed to enable state and local governments to adequately respond to protect the citizens of Ohio from emergencies that could occur at DOE facilities in the state. The Ohio EMA shall coordinate the development of the state and local government off-site Emergency Response Program for the DOE facilities located in Fernald, Piketon, and Miamisburg (and others as necessary). The program will include:
 - o Emergency Planning - evaluate, revise, complete, and maintain, as necessary, the multijurisdictional State Hazardous Materials Emergency Management Plan and the DOE Annex to that plan.
 - o Training - in coordination with DOE and the affected counties, shall develop a training plan (i.e., implementation procedures) based on the state plan and conduct training to support local and state governments' capability to respond to emergency situations.
 - o Organization - work with local governments and state agencies to develop and maintain an organization necessary to respond to protect the lives, environment, and property of citizens in and around the DOE facilities.
 - o Communications - in coordination with DOE and the affected counties, shall: 1) develop an interim communications system to include a direct ringdown telephone line, to ensure that events are reported and the vital information can be disseminated; 2) conduct an independent communications study to determine the communications system necessary to support notification (as defined in the state plan), emergency response, and command and control for state agencies and local governments; and 3) support the development of an automated computerized Emergency Notification Reporting and Emergency Information Management System.
 - o Facilities - assist state agencies and local governments in the further development of Emergency Operations Centers to include facilities for hazard assessment and towards a goal of automated computerized equipment to interface with DOE facilities.

- o Emergency Response Staff - develop and maintain an Emergency Response Staff, available 24-hours per day, to receive notification of DOE events, man the State Assessment Room, mobilize the state response, assess all incidents and make protective recommendations to local governments.
- o Drills and Exercises - in conjunction with DOE, shall develop and conduct drills and exercises in accordance with the state plan.
- o Hazard Analysis - in conjunction with DOE, assist in a comprehensive hazard analysis of all DOE sites.
- o Warning Systems - monitor the maintenance and testing of all warning systems for the State of Ohio to include: the Emergency Broadcast System, NAWAS, and the NWS.
- o Emergency Public Information - provide personnel to assist in the staffing of each Joint Information Center (JIC); develop and maintain procedures for operating the JIC's; coordinate all media matters during emergencies and coordinate all release of information with DOE and local governments.

2. DEVELOPMENT OF ANNUAL REPORT

Ohio EMA shall provide an annual report to DOE of its activities in the following areas:

- o DOE Liaison - establish a DOE liaison and assistant whose duties shall include the coordination of DOE-related planning, training, and exercising for local and state agencies.
- o Public Relations - increase its effort for better public understanding of emergency preparedness issues.
- o Analysis of Toxic Releases - assist in the evaluation and interpretation of information on toxic releases to the environment at the DOE facilities in Ohio.

Portsmouth Emergency Management Agency

	FTE	TOTALS
Personnel	0.68	\$175,946
Indirect		\$0
Operating	\$13,500 0.68	\$45,900 (5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Planner II	Planner	34%	707	\$40,883	\$10,147	\$13,900	\$14,456	\$15,034	\$15,635	\$69,172
Environ Spec II	Haz Material Tech	34%	707	\$40,883	\$10,147	\$13,900	\$14,456	\$15,034	\$15,635	\$69,172
FRINGE					\$5,516	\$7,556	\$7,858	\$8,172	\$8,499	\$37,602
TOTAL PERSONNEL					\$25,810	\$35,356	\$36,770	\$38,240	\$39,769	\$175,946
TOTAL					\$25,810	\$35,356	\$36,770	\$38,240	\$39,769	\$175,946

Capital Outlay: \$14,317

Office Set-Up & Modifications	Years	1	2	3	4	5	Total
		\$1,597	\$0	\$0	\$0	\$0	\$1,597

Vehicles (leased)	Years	1	2	3	4	5	Total
		\$1,300	\$1,300	\$1,300	\$1,300	\$1,300	\$6,500

Computers and Data Mgmt Equip.	Years	1	2	3	4	5	Total
		\$6,220	\$0	\$0	\$0	\$0	\$6,220

Subsidies: \$75,000

	Years	1	2	3	4	5	Total
		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

o Ensure compliance with water pollution control requirements.

nouth Water Pollution Control

4403

	FTE	TOTALS	
Personnel	0.10	\$20,710	
Indirect		\$3,742	
Operating	\$13,500 0.10	\$6,750	(5 Yr Total)

FTE Allocation

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	ANNUAL SALARY	1993 SALARY	1994 SALARY	1995 SALARY	1996 SALARY	1997 SALARY	TOTAL SALARY
Environ Spec II	Site Coord	10%	208	\$32,724	\$2,389	\$3,272	\$3,403	\$3,539	\$3,681	\$16,284
				FRINGE	\$649	\$889	\$925	\$962	\$1,000	\$4,426
				TOTAL PERSONNEL	\$3,038	\$4,161	\$4,328	\$4,501	\$4,681	\$20,710
				INDIRECT	\$549	\$752	\$782	\$813	\$846	\$3,742
				TOTAL	\$3,587	\$4,913	\$5,110	\$5,314	\$5,527	\$24,452

CERTIFICATIONS REGARDING LOBBYING; DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS; AND DRUG-FREE WORKPLACE REQUIREMENTS

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature of this form provides for compliance with certification requirements under 34 CFR Part 82, "New Restrictions on Lobbying," and 34 CFR Part 85, "Government-wide Debarment and Suspension (Nonprocurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Energy determines to award the covered transaction, grant, or cooperative agreement.

1. LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

2. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or

destruction of records, making false statements, or receiving stolen property;

- (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

3. DRUG-FREE WORKPLACE

This certification is required by the Drug-Free Workplace Act of 1988 (Pub. L. 100-690, Title V, Subtitle D) and is implemented through additions to the Debarment and Suspension regulations, published in the Federal Register on January 31, 1989, and May 25, 1990.

ALTERNATE I (GRANTEES OTHER THAN INDIVIDUALS)

- (1) The grantee certifies that it will or will continue to provide a drug-free workplace by:
 - (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
 - (b) Establishing an ongoing drug-free awareness program to inform employees about:
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
 - (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
 - (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will:

- (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace not later than five calendar days after such conviction;
- (e) Notifying the agency, in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer or other designee on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted:
- (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

(2) The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance:
(Street address, city, county, state, zip code)

Check if there are workplaces on file that are not identified here.

ALTERNATE II (GRANTEES WHO ARE INDIVIDUALS)

- (1) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant.
- (2) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to every grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above certifications.

NAME OF APPLICANT	PR/AWARD NUMBER AND/OR PROJECT NAME
Ohio Environmental Protection Agency	Agreement In Principle
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Donald R. Schregardus, Director	
SIGNATURE	DATE
<i>Donald R. Schregardus</i>	2/12/93

U.S. DEPARTMENT OF ENERGY

Assurance of Compliance

Nondiscrimination in Federally Assisted Programs

Ohio Environmental Protection Agency

(Hereinafter called the "Applicant")

HEREBY AGREES to comply with Title VI of the Civil Rights Act of 1964 (Pub. L. 88-352), Section 16 of the Federal Energy Administration Act of 1974 (Pub. L. 93-275), Section 401 of the Energy Reorganization Act of 1974 (Pub. L. 93-438), Title IX of the Education Amendments of 1972, as amended (Pub. L. 92-318, Pub. L. 93-568, and Pub. L. 94-482), Section 504 of the Rehabilitation Act of 1973 (Pub. L. 93-112), the Age Discrimination Act of 1975 (Pub. L. 94-135), Title VIII of the Civil Rights Act of 1968 (Pub. L. 90-284), the Department of Energy Organization Act of 1977 (Pub. L. 95-91), and the Energy Conservation and Production Act of 1976, as amended (Pub. L. 94-385). In accordance with the above laws and regulations issued pursuant thereto, the Applicant agrees to assure that no person in the United States shall, on the ground of race, color, national origin, sex, age, or handicap, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity in which the Applicant receives Federal assistance from the Department of Energy.

Applicability and Period of Obligation

In the case of any service, financial aid, covered employment, equipment, property, or structure provided, leased, or improved with Federal assistance extended to the Applicant by the Department of Energy, this assurance obligates the Applicant for the period during which Federal assistance is extended. In the case of any transfer of such service, financial aid, equipment, property, or structure, this assurance obligates the transferee for the period during which Federal assistance is extended. If any personal property is so provided, this assurance obligates the Applicant for the period during which it retains ownership or possession of the property. In all other cases, this assurance obligates the Applicant for the period during which the Federal assistance is extended to the Applicant by the Department of Energy.

Employment Practices

Where a primary objective of the Federal assistance is to provide employment or where the Applicant's employment practices affect the delivery of services in programs or activities resulting from Federal assistance extended by the Department, the Applicant agrees not to discriminate on the ground of race, color, national origin, sex, age, or handicap, in its employment practices. Such employment practices may include, but are not limited to, recruitment, advertising, hiring, layoff or termination, promotion, demotion, transfer, rates of pay, training and participation in upward mobility programs; or other forms of compensation and use of facilities.

Subrecipient Assurance

The Applicant shall require any individual, organization, or other entity with whom it subcontracts, subgrants, or subleases for the purpose of providing any service, financial aid, equipment, property, or structure to comply with laws cited above. To this end, the subrecipient shall be required to sign a written assurance form; however, the obligation of both recipient and subrecipient to ensure compliance is not relieved by the collection or submission of written assurance forms.

Data Collection and Access to Records

The Applicant agrees to compile and maintain information pertaining to programs or activities developed as a result of the Applicant's receipt of Federal assistance from the Department of Energy. Such information shall include, but is not limited to the following: (1) the manner in which services are or will be provided and related data necessary for determining whether any persons are or will be denied such services on the basis of prohibited discrimination; (2) the population eligible to be served by race, color, national origin, sex, age and handicap; (3) data regarding covered employment including use or planned use of bilingual public contact employees serving beneficiaries of the program where necessary to permit effective participation by beneficiaries unable to speak or understand English; (4) the location of existing or proposed facilities connected with the program and related information adequate for determining whether the location has or will have the effect of unnecessarily denying access to any person on the basis of prohibited discrimination; (5) the present or proposed membership by race, color, national origin, sex, age and handicap, in any planning or advisory body which is an integral part of the program; and (6) any additional written data determined by the Department of Energy to be relevant to the obligation to assure compliance by recipients with laws cited in the first paragraph of this assurance.

or the Applicant (including the physical plants, buildings, or other structures) and all records, books, accounts, and other sources of information pertinent to the Applicant's compliance with the civil rights laws shall be made available to inspection during normal business hours on request of an officer or employee of the Department of Energy specifically authorized to make such inspections. Instructions in this regard will be provided by the Director, Office of Equal Opportunity, U.S. Department of Energy.

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This assurance is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts (excluding procurement contracts), property, discounts or other Federal assistance extended after the date hereto, to the Applicants by the Department of Energy, including installment payments on account after such date of application for Federal assistance which are approved before such date. The Applicant recognizes and agrees that such Federal assistance will be extended in reliance upon the representations and agreements made in this assurance and the United States shall have the right to seek judicial enforcement of this assurance. This assurance is binding on the Applicant, the successors, transferees, and assignees, as well as the person whose signature appears below and who is authorized to sign this assurance on behalf of the Applicant.

Applicant Certification

The Applicant further certifies that it has or, within 90 days of the date of the grant shall: (a) Designate(d) an individual to serve as Affirmative Action Officer; (b) Establish(ed) complaint procedures for employees and other beneficiaries of the program; (c) Prominently display(ed) posters and other written information publicizing the policy of nondiscrimination; (d) Provide(d) program information in languages other than English (including braille) in a manner to make it accessible to sight impaired persons; (e) Establish(ed) procedures which enable it to notify DOE on a timely basis of any complaints filed against it and of the disposition of those complaints; (f) Require(d) any subrecipient (subgrantee/subcontractor) under this award to comply with the above cited laws and regulations; (g) Require(d) the subrecipient to sign an assurance form, the Applicant certifies that it shall monitor subrecipient compliance as appropriate; (h) Establish(ed) a system capable of collecting racial/ethnic/handicap/sex data in accordance with existing Federal requirements cited in the first paragraph of this assurance.

Development of Current Affirmative Action Plan

February 12, 1993

Donald R. Schreyer
Affirmative Action Officer
(Name, Signature, and Date)

Date
(614) 644 - 2782
Telephone Number

Most recent onsite Federal Assistance Civil Rights review/audit:

N/A

Agency Conducting Review

Date

Applicant's Name

Date

Address: _____

() _____
Telephone Number

Authorized Official President, or Chief Executive Officer

Donald R. Schreyer
Name and Signature

February 12, 1993

Date



OMB CIRCULAR A-87 COGNIZANT AGENCY
NEGOTIATION AGREEMENT

Ohio Environmental
Protection Agency
Columbus, Ohio

Date: June 30, 1992

Filing Ref: April 18, 1991

The indirect cost rates contained herein are for use on grants and contracts with the Federal Government to which Office of Management and Budget Circular A-87 applies, subject to the limitations contained in the Circular and in Section II, A below.

SECTION I: RATES

<u>Type</u>	<u>Effective Period</u>		<u>Rate</u>	<u>Base</u>
	<u>From</u>	<u>To</u>		
<u>Fixed:</u>				
Indirect Costs	7/1/90	6/30/91	22.08%	(a)
Indirect Costs	7/1/91	6/30/92	22.08%	(a)
Indirect Costs	7/1/92	6/30/93	18.07%	(a)

Basis for Application

(a) Direct salaries and wages including applicable fringe benefits.

Treatment of Fringe Benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs.

SECTION II: GENERAL

A. LIMITATIONS: The rates in this Agreement are subject to any statutory and administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the department/agency or allocated to the department/agency by an approved cost allocation plan were included in the indirect cost pool as finally accepted; such costs are legal obligations of the department/agency and are allowable under governing cost principles; (2) The same costs that have been treated as indirect costs have not been claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the department/agency which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such

Ohio Environmental
Protection Agency
Columbus, Ohio

Page 2 of 2

situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

- B. CHANGES. The fixed rate contained in this agreement is based on the organizational structure and the accounting system in effect at the time the proposal was submitted. Changes in the organizational structure or changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate in this agreement, require the prior approval of the authorized representative of the responsible negotiation agency. Failure to obtain such approval may result in subsequent audit disallowances.
- C. THE FIXED RATE contained in this agreement is based on an estimate of the cost which will be incurred during the period for which the rate applies. When the actual costs for such a period have been determined, an adjustment will be made in the negotiation following such determination to compensate for the difference between the cost used to establish the fixed rate and that which would have been used were the actual costs known at the time.
- C. NOTIFICATION TO FEDERAL AGENCIES: Copies of this document may be provided to other Federal agencies as a means of notifying them of the agreement contained herein.
- D. SPECIAL REMARKS: None.

ACCEPTANCE

By the State Agency:

By the Federal Agency:

Stephen A. Scoles
(Signature)

STEPHEN A SCOLES
(Name)

DEPUTY DIRECTOR
(Title)

Ohio EPA
(Agency)

July 14, 1992
(Date)

John J. Zabretsky
(Signature)

John J. Zabretsky, Chief
Cost Policy and Rate
Negotiation Section
U.S. Environmental
Protection Agency
June 30, 1992

Negotiated by: David Buntz
Telephone: (202) 260-2005

APPENDIX A

OHIO ENVIRONMENTAL PROTECTION AGENCY
 Indirect Cost Rate Proposal
 For The Year Ended June 30, 1993
 (Payroll-Based Rate)
 Fixed with Carry-forward

FY 93 FIXED RATE	18.07%
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<u>DEPARTMENT</u>	FY 91 FINAL COSTS	FY 91 FIXED RATE	DIRECT PAYROLL EXPENSE	FY 91 GROSS RECOVERIES	LESS: FY91 ROLL FORWARD ADJUSTMENT	FY 91 NET RECOVERIES	ROLL FORWARD ADJUSTMENT	FY 93 FIXED COSTS
OHIO ENVIRONMENTAL PROTECTION AGENCY	\$6,798,387	22.08%	\$33,861,200	\$7,476,553	\$0	\$7,476,553	(\$678,166)	\$6,120,221

PREPARED BY DAVID M. GRIFFITH & ASSOCIATES, LTD.
 23-Dec-91

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EIN #: 1316402047A1

DATE: September 27, 199

DEPARTMENT/AGENCY:
Ohio Department of Health
Post Office Box 118
246 N. High Street
Columbus

FILING REF.: The preced
Agreement was dated
October 24, 1990

OH 43266-0118

The rates approved in this agreement are for use on grants, contracts and other agreements with the Federal Government, subject to the conditions in Section II.

SECTION I: INDIRECT COST RATES*

RATE TYPES: FIXED		FINAL	PROV. (PROVISIONAL)	PRED. (PREDETERMINED)	
TYPE	EFFECTIVE PERIOD		RATE(%)	LOCATIONS	APPLICABLE TO
	FROM	TO			
FIXED	07/01/90	06/30/91	28.0	All	All Programs
FIXED	07/01/91	06/30/92	36.0	All	All Programs
PROV.	07/01/92	UNTIL AMENDED	Use same rates and conditions as those cited for fiscal year ending June 30, 1992.		

*BASE:
Direct salaries and wages including all fringe benefits.

TREATMENT OF FRINGE BENEFITS:

Fringe benefits are specifically identified to each employee and are charged individually as direct costs. The directly claimed fringe benefits are listed in the Special Remarks Section of this Agreement.

SECTION II: GENERAL

A. LIMITATIONS:

The rates in this Agreement are subject to any statutory or administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the department/agency were included in its indirect cost pool as finally accepted: such costs are legal obligations of the department/agency and are allowable under the governing cost principles; (2) The same costs that have been treated as indirect costs are not claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the department/agency which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

B. ACCOUNTING CHANGES:

This Agreement is based on the accounting system purported by the department/agency to be in effect during the Agreement period. Changes to the method of accounting for costs which affect the amount of reimbursement resulting from the use of this Agreement require prior approval of the authorized representative of the cognizant agency. Such changes include, but are not limited to, changes in the charging of a particular type of cost from indirect to direct. Failure to obtain approval may result in cost disallowances.

C. FIXED RATES:

If a fixed rate is in this Agreement, it is based on an estimate of the cost for the period covered by the rate. When the actual costs for this period are determined, an adjustment will be made to a rate of a future year(s) to compensate for the difference between the costs used to establish the fixed rate and actual costs.

D. USE BY OTHER FEDERAL AGENCIES:

The rates in this Agreement were approved in accordance with the authority in Office of Management and Budget Circular A-87, and should be applied to grants, contracts and other agreements covered by this Circular, subject to any limitations in A above. The department/agency may provide copies of the Agreement to other Federal Agencies to give them early notification of the Agreement.

E. OTHER:

If any Federal contract, grant or other agreement is reimbursing indirect costs by a means other than the approved rate(s) in this Agreement, the department/agency should (1) credit such costs to the affected programs, and (2) apply the approved rate(s) to the appropriate base to identify the proper amount of indirect costs allocable to these programs.

AGREEMENT DATE: September 27, 1991

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F. SPECIAL REMARKS:

List of Fringe Benefits:
Retirement, Health Insurance, Termination Costs (Accrued Leave), Unemployment and Workers' Compensation

TREATMENT OF PAID ABSENCES:

Vacation, holiday, sick leave pay and other paid absences are included in salaries and wages and are claimed on grants, contracts and other agreements as part of the normal cost for salaries and wages. Separate claims for the costs of these paid absences are not made.

BY THE DEPARTMENT/AGENCY:
Ohio Department of Health

(DEPARTMENT/AGENCY)

Miles L. Waggoner

(SIGNATURE)

Miles L. Waggoner

(NAME)

Deputy Director - Administration

(TITLE)

October 7, 1991

(DATE)

BY THE COGNIZANT AGENCY
ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES
(AGENCY)

Kenneth R. Gibbons

(SIGNATURE)

Kenneth R. Gibbons

(NAME)

DIRECTOR, DIVISION OF COST ALLOCATION

(TITLE)

September 27, 1991

(DATE)

HHS REPRESENTATIVE: Merle M. Schmidt

Telephone: (214) 767-3261

DEFINITION OF COST CATEGORIES

Personnel Costs

Personnel costs include the salaries or wages of employees, whether full-time, part-time, or irregular or seasonal help, as well as benefit costs. Benefit costs ("fringe") include the State's share of benefit contributions related to employees, such as retirement, health and life insurance, worker's compensation, and social security, and is calculated at 30%.

Operating Costs

Operating costs include expenses for travel, training, consumable supplies, and minor items of office equipment. Operating expenses have been projected on a per position basis.

Capital Outlay

Capital outlay includes expenses for machinery, apparatus, equipment and furniture, including additions thereto, which will have a useful life or service of more than two (2) years.

Indirect Costs

Indirect costs are those costs incurred for common or joint purposes benefitting more than one cost objective and not readily assignable to cost objectives specifically benefitted. Indirect costs include such things as accounting, personnel, legal services, and department management. Indirect costs also include rent, communications, printing charges, library charges, and other general cost categories. These costs are determined in accordance with the Ohio Department of Health's current guidelines, which is 36% of personnel costs.

DEFINITION OF COST CATEGORIES**PERSONNEL COSTS**

Personnel costs includes salaries or wages of State employees to include the State's share of the employee related benefit contribution such as retirement, health and life insurance, and worker's compensation.

OPERATING COSTS

Operating costs include expenses for travel, consumable office supplies (i.e., paper, pencils, pens, office, computer and safety equipment which has a cost of under \$300.00, safety and sampling supplies, including disposable safety supplies such as gloves, tyveks and boot covers, motor vehicles, normal communication, rental and office rent, computer software under \$300.00 in cost and other miscellaneous costs such as printing, purchased books and maintenance).

CAPITAL OUTLAY

Capital Outlay includes expenses for furniture, computer equipment, computer software costing over \$300.00.

INDIRECT COSTS

Indirect costs are those costs incurred for common or joint purposes benefitting more than one cost objective and not readily assignable to the cost objective specifically benefitted. Indirect costs include such things as accounting personnel, payroll, department management and other cost categories in accordance with OMB Circular A-87. These costs are determined in accordance with the Ohio Environmental Protection Agency's approved cost allocation plan, which is currently 18.07%.

OPERATING COSTS

The Ohio Environmental Protection Agency's annual operating expenses reflected in the State's projected costs have been determined on a per person and divisional basis.

The projected operating expenses for technical and administrative positions is a projected cost of 13,500 per person.

Medical monitoring, Radiological testing, fit testing are not included in our operating costs because these are done by contractual agreements, which this proposal reflects, our accounting procedures require charging to a contractual budget line.

Our normal operating costs consist of consumable office supplies, miscellaneous office furniture which has a cost of under \$300.00 (i.e., file cabinets, lamps, chairs, computer peripherals); and supplies (i.e., tapes, ribbon for printers and some small software packages); safety supplies (i.e., gloves, tyveks and boots); travel, motor vehicles (i.e., fuel, maintenance repairs and insurance); communications (i.e., telephones, mail and delivery); maintenance of equipment, rent, normal Data and System usage, hook-up and maintenance, printing, and library charges (i.e., purchase of books, library searches and subscriptions); misc.

The Ohio Emergency Management Agency has computed their operating cost in the manner as the Ohio Environmental Protection Agency.

These operating costs are consistent and are used in all federal grant proposals.