

7121

G-000-601.27

STATE OF OHIO AIP PERFORMANCE REPORT - APRIL-JUNE, 1995

08/24/95

**OEPA
15
REPORT**

DOE-FN



State of Ohio Environmental Protection Agency

Southwest District Office

401 East Fifth Street
Dayton, Ohio 45402-2911
(513) 285-6357
FAX (513) 285-6249

FERNALD
LOG I-3439

7121

Aug 28 9 22 AM '95

George V. Voinovich
Governor

FILE: _____
LIBRARY: _____

August 24, 1995

Ms. Cameo Smoot
DOE Headquarters - EM22
1000 Independence Avenue, S.W.
Room 1F-059#30
Washington, D.C. 20585

Dear Ms. Smoot:

Attached please find a copy of Ohio's AIP Performance Report for the period April - June, 1995. The Financial Status Report is attached. Ohio continues to make progress in implementing the AIP. We will work at adding the total projected expenditures to our report. Thanks for the feedback on previous reports.

Sincerely,

Graham E. Mitchell
Chief, Office of Federal Facilities Oversight

GEM/bjb

Enclosure

- cc: Jenny Tiell, Director's Office, w/o attachments
- Tom Winston, SWDO, w/o attachments
- Jan Carlson, DERR, w/o attachments
- Pat Campbell, DERR/OFFO, with attachments
- Ruth Vandegrift, ODH, with attachments
- Lewis Meyers, Jr., OEMA, with attachments
- Tom Schneider, OFFO, w/o attachments
- Brian Nickel, OFFO, w/o attachments
- Steve Skinner, SEDO, w/o attachments
- Mark Million, DOE Oak Ridge, with attachments
- Sue Smiley, DOE, OH, with attachments
- Tim Marcus, OH, w/attachments
- Jack Craig, DOE Fernald, with attachments
- Kathi Nickel, DOE Fernald, w/attachments
- John Sheppard, DOE Portsmouth, with attachment
- Mike Reker, DOE Miamisburg, with attachments

STATE OF OHIO

**AIP PERFORMANCE
REPORT**

APRIL - JUNE, 1995

**STATE OF OHIO AIP PERFORMANCE REPORT
APRIL - JUNE, 1995**

SUMMARY

1. During this quarter, Ohio continued to establish the AIP program and get it underway. All hiring has been completed for Ohio EPA, Ohio Department of Health (ODH) and the Ohio Emergency Management staff has been completed. ODH and Ohio Emergency Management Agency (OEMA). The first evaluation of the DOE Environmental Monitoring Program was completed at Fernald. This evaluation is underway at Mound and in the planning phase at Portsmouth. Environmental monitoring in the form of split samples continues at Mound and Fernald and is in the planning phase at Portsmouth. Emergency Management activities are underway at all three DOE sites.

2. The Financial Status Report is attached to this report. We extended our first year AIP funding until June 30, 1995. This will put our program on the same fiscal year as our state - which will also work more effectively for DOE. We have also been informed that the Oak Ridge Operations Office will assist in getting the second year funding in place and then the entire AIP will be transferred to the Ohio Field Office. This is a change over that was reported in the January - March, 1995 Performance Report. We would like to thank the Oak Ridge Operation Office and the Ohio Field Office for their efforts to work together with Ohio on various extensions, audits, evaluations, awards, etc.

3. We are and will continue to evaluate our programs in an effort to reduce costs and become more efficient. This is even more important with additional potential Congressional budget cuts in FFY 1996 and beyond.

Administration

1. Regular AIP implementation and coordination meetings/conference calls occurred at the dates and locations listed below with OEPA, ODH, OEMA, DOE sites and Ohio Field Office representation.

April 6, 1995	Conference Call
May 17, 1995	Conference Call
June 22, 1995	Conference Call

2. Internal meetings and phone calls continue to integrate activities between OEPA, ODH and OEMA.

Environmental Monitoring

Scope of Work/Objectives

1. Evaluate and oversee DOE environmental monitoring programs at Fernald, Mound and Portsmouth sites. Provide comments to DOE.
2. Establish and conduct an Ohio Environmental Monitoring Program at these sites that include split sampling and independent sampling of environmental media.
3. Involve the public in this process and communicate results to the public and other stakeholders.

Accomplishments

1. Monthly split sampling activities continue at the DOE-Fernald and Mound sites. Split sampling is expected to start at the Portsmouth site in August.
2. Ohio continued the process of evaluating the existing environmental monitoring programs at Fernald and Mound.
 - A. The Fernald evaluation was finalized and a report was distributed on April 1995.
 - B. Ohio and DOE -Mound co-hosted a public meeting on April 5, 1995 on the Mound Environmental Monitoring program. The purpose of the meeting was to:
 1. Explain OEPA and ODH's role in the AIP.
 2. Present results of split sampling results to date.
 3. Collect stakeholder input.
 - C. On May 1, 1995 Ohio met with DOE to discuss responses to MESH comments on the 1993 DOE Mound Environmental Monitoring Report.
 - D. On May 3, 1995, Ohio hosted a meeting with MESH and DOE Mound to discuss comments on the Mound 1993 Environmental Monitoring Report.
 - E. OEPA, ODH and public comments will be compiled and a draft report on the 1993 Mound Environmental Monitoring Report and Mound Plan environmental monitoring plan submitted to DOE for comment in July. The draft report will be distributed to stakeholders in August.
3. On June 20, 1995, a meeting was held at OEPA office in Logan with ODH, OEPA, DOE and USEC representatives. The purpose of this meeting was to get environmental monitoring activities underway at the Portsmouth site. [See significant issues and problems at end of this report].
4. Draft workplans for Ohio sampling efforts are in the early stages of preparation at the Mound, Fernald, and Portsmouth sites.

AIP Performance Report
Page 3

5. Several internal (OEPA, ODH) meetings, conference calls occurred to discuss options for air monitoring at the three DOE sites.

Environmental Data Management

1. On site training continued for the Geographic Information System (GIS) staff. We have made good progress in obtaining Fernald data via tape format over the internet. This has further confirmed our cost saving decision made last quarter to not install a T-1 line.
2. The GIS has been used to produce maps with sampling locations used in AIP Environmental Monitoring reports and public meetings.
3. In July, 1995, Ohio will be purchasing a Geographic Positioning System (base and mobile station) to be used with the GIS for AIP and cost recovery activities at Fernald and Mound. It is our intention to make this system available to the Fernald and Mound sites to plot locations and data related to environmental monitoring and cleanup.

Review of DOE Programmatic Issues

Scope of Work/Objectives

1. Review DOE programmatic issues and documents that impact Ohio sites. Issues included in this review are DOE budgets, PEIS documentation, national waste management plans, reconfiguration plans, etc.

Accomplishments

1. We continue to be impressed with the willingness of the Ohio Field Office and DOE Headquarters efforts to share budget information.
2. Our staff person has been very active in the ongoing budget process for both FY 1996 and 1997. We have worked on evaluations of the Fernald 10-year cleanup proposal, the Mound "2000" proposal, and budget impacts on the environmental restoration activities at Portsmouth.
3. CERE
4. An OEPA staff member attended a State and Tribal Government Working Group (STGWG) planning session in Washington, DC on May 9-10, 1995. The purpose of this meeting was to prepare working papers on partnering issues, regulatory reform, and tribal issues for the July meeting in Denver. Ohio EPA worked on the communication/partnering issues with representatives from California. The goal is to develop a partnering plan that all parties can agree with and begin using across the DOE complex. The partnering process between states, tribes, DOE, contractors, and public should result in significant cost savings through building more effective working relationships.

Emergency Management

Scope of Work/Objectives

1. To ensure that past and present activities at the Fernald Environmental Management Project (FEMP), the Portsmouth Gaseous Diffusion Plant (PORTS), and the Mound Laboratories (MOUND) pose minimal risk to the citizens and environment of Ohio. This will be accomplished by:

1. Revising and maintaining the State Hazmat Plan with USDOE facilities Annex;
2. Conducting joint training with USDOE and county responders;
3. Conducting periodic drills and exercises with USDOE and county responders;
4. Monitoring and improving the communications and warning systems between the State, counties, and USDOE facilities;
5. Improving Ohio's Emergency Operations Center to better deal with and mitigate events at USDOE facilities; and
6. Conduct joint public information operations with the USDOE facilities.

Total Projected Expenditures

Total Actual Expenditures - (Included with attached report to OEPA Fiscal Office, Pat Campbell)

Accomplishments

1. OEMA continues to update hazards analysis information for all three facilities.
2. OEMA is researching and developing assessment procedures and resources for events at USDOE facilities. Procedures will be reflected in this agency's Assessment Room SOP.
3. OEMA employed a Hazmat Specialist to assist with developing site hazards analysis, assist counties in hazards assessment during exercises and actual events, and assist in joint training.
4. OEMA attended three exercise design meetings for the PORTS Emergency Teamwork '95 exercise.
5. OEMA attended one Community Planning and Training meeting for the FEMP. Further, OEMA attended a transportation planning meeting and tabletop exercise for the FEMP.
6. OEMA personnel attended an emergency planning meeting with Mound and Miami Valley EMA.
7. OEMA continues to work on revisions to the USDOE Annex to the State Hazmat Plan. Changes are concentration on the area of Hazards Analysis and notification procedures.

8. Butler county participated in the FEMP communications tabletop exercise and Joint Response fullscale exercise. Butler County participated in several transportation training sessions. They used a portion of the grant to purchase communications equipment used for FEMP events. Further, the county made some improvements to its Emergency Operating Center (EOC).

9. Hamilton County participated in the FEMP communications tabletop and Joint Response fullscale exercise. They also computerized FEMP's chemical inventory and hazards analysis. Considerable time was spent coordinating activation procedures and testing of the FEMP siren warning system.

10. Pike County has made great progress in improving its EOC in order to better communicate and coordinate with the PORTS site and USDOE.

11. Miami Valley EMA enhanced it's automated emergency management and incident modeling capabilities. Coordination meetings with the MOUND and USDOE were held concerning communications, frequencies, hazards, analysis, warning and notification, EOC improvements, and exercises. These meetings will continue into the second year.

Significant Changes From Intended Activities

1. OEMA intended to begin discussions with the Mound on a possible exercise for the upcoming year. Because of personnel changes at the Mound in the office of Emergency Preparedness Supervisor, we will begin those discussions during the upcoming year.

AIP Significant Issues and Problems

Although first noted by OEMA, it is clear that the DOE efforts at privatization of uranium enrichment are having a significant impact on the AIP implementation at the Portsmouth site. With the creation of USEC, DOE finds itself in a difficult situation funding emergency management and environmental monitoring activities that may be in part related to production activities. The state believes that the original concept of the AIP is to deal with the site as a whole which is the way the public views the site.

These issues were discussed at the June 20, 1995 meeting in Logan and were a subject of a letter to the DOE Portsmouth Site Manager (attached) dated June 22, 1995. This issue remains unresolved.

FINANCIAL STATUS REPORT

7121

GN: X177
RC: MF9-(3K3)

(Short Form)

1. Federal Agency and Organizational Element to Which Report is Submitted U.S. DEPT. OF ENERGY OAK RIDGE, TENNESSEE		2. Federal Grant or Other Identifying Number Assigned By Federal Agency DE-FG05-94OR22206 ENERGY: AIP MOUND SITE		OBM Approval No. 0348-0039		Page 1 of 1 pages																																				
3. Recipient Organization (Name and complete address, including ZIP code) OHIO ENVIRONMENTAL PROTECTION AGENCY 1800 WATERMARK DRIVE P.O. BOX 1049 COLUMBUS, OHIO 43116-1049																																										
4. Employer Identification Number 31 6402047		5. Recipient Account Number or Identifying Number GN: X177 DE-FG05-94OR22206		6. Final Report Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		7. Base Cash <input type="checkbox"/> Accrual <input checked="" type="checkbox"/>																																				
8. Funding Grant Period From: (Month, Day, Year) 02/01/94 To: (Month, Day, Year) 07/31/95			9. Period covered by this report From: (Month, Day, Year) 04/01/95 To: (Month, Day, Year) 06/30/95																																							
10. Transactions:				I Previously Reported	II This Period	III Cumulative																																				
a. Total Outlays				105,181.00	88,654.00	193,835.00																																				
b. Recipient share of outlays 0.00%				0.00	0.00	0.00																																				
c. Federal share of outlays 100.00%				105,181.00	88,654.00	193,835.00																																				
d. Total unliquidated obligations						49,643.00																																				
e. Recipient share of unliquidated obligations 0.00%						0.00																																				
f. Federal share of unliquidated obligations 100.00%						49,643.00																																				
g. Total Federal share (Sum of lines c and f)						243,478.00																																				
h. Total Federal funds authorized for this funding period						657,443.00																																				
i. Unobligated balance of Federal funds (line h minus line g)						413,965.00																																				
11. INDIRECT EXPENSE a. TYPE OF RATE: <input checked="" type="checkbox"/> FIXED <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th style="width: 15%;">PERIOD</th> <th style="width: 15%;">b. RATE</th> <th style="width: 15%;">BASE</th> <th style="width: 15%;">TOTAL AMOUNT</th> <th style="width: 15%;">FEDERAL SHARE</th> </tr> </thead> <tbody> <tr> <td>SFY94</td> <td>17.81%</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>SFY95</td> <td>20.40%</td> <td>80,818.00</td> <td>16,487.00</td> <td>16,487.00</td> </tr> <tr> <td>SFY96</td> <td>0.00%</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>SFY97</td> <td>0.00%</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>SFY98</td> <td>0.00%</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL INDIRECT:</td> <td>80,818.00</td> <td>16,487.00</td> </tr> </tbody> </table>								PERIOD	b. RATE	BASE	TOTAL AMOUNT	FEDERAL SHARE	SFY94	17.81%	0.00	0.00	0.00	SFY95	20.40%	80,818.00	16,487.00	16,487.00	SFY96	0.00%	0.00	0.00	0.00	SFY97	0.00%	0.00	0.00	0.00	SFY98	0.00%	0.00	0.00	0.00	TOTAL INDIRECT:			80,818.00	16,487.00
PERIOD	b. RATE	BASE	TOTAL AMOUNT	FEDERAL SHARE																																						
SFY94	17.81%	0.00	0.00	0.00																																						
SFY95	20.40%	80,818.00	16,487.00	16,487.00																																						
SFY96	0.00%	0.00	0.00	0.00																																						
SFY97	0.00%	0.00	0.00	0.00																																						
SFY98	0.00%	0.00	0.00	0.00																																						
TOTAL INDIRECT:			80,818.00	16,487.00																																						
12. Remarks: Attach any explanations deemed necessary or information required by federal sponsoring agency in compliance with governing legislation.																																										
13. Certification: I certify to the best of my knowledge and belief that this report is correct and complete and that all outlays and unliquidated obligations are for the purposes set forth in the award documents.																																										
Typed or Printed Name and Title PAUL M. STIERS, CHIEF FISCAL ADMINISTRATION				Telephone (Area code, number and extension) (614) 644 2339																																						
Signature of Authorized Certifying Official 				Date Report Submitted 8-10-95																																						
PREPARED BY: James T. Beaton				Telephone (Area code, number and extension) 614-644-2926																																						

Standard Form 269A (REV 4-88)
Prescribed by OMB Circulars A-102 and A-110

FINANCIAL STATUS REPORT

7121

GN: X179
RC: FF94

(Short Form)

1. Federal Agency and Organizational Element to Which Report is Submitted U.S. DEPT. OF ENERGY OAK RIDGE, TENNESSEE	2. Federal Grant or Other Identifying Number Assigned By Federal Agency DE-FG05-94OR22206 ENERGY: AIP FERNAL SITE	OBM Approval No. 0348-0039	Page 1	of 1
--	--	--------------------------------------	------------------	----------------

3. Recipient Organization (Name and complete address, including ZIP code)
 OHIO ENVIRONMENTAL PROTECTION AGENCY
~~1800 WATERMARK DRIVE P.O. BOX 1049~~
~~COLUMBUS, OHIO 43216-1049~~

4. Employer Identification Number 31 6402047	5. Recipient Account Number or Identifying Number GN: X179 DE-FG05-94OR22206	6. Final Report Ye <input type="checkbox"/> No <input checked="" type="checkbox"/>	7. Base Cash <input type="checkbox"/> Accrual <input checked="" type="checkbox"/>
--	--	--	---

8. Funding Grant Period From: (Month, Day, Year) 02/01/94	To: (Month, Day, Year) 07/31/95	9. Period covered by this report From: (Month, Day, Year) 04/01/95	To: (Month, Day, Year) 06/30/95
---	--	--	--

10. Transactions:	I Previously Reported	II This Period	III Cumulative
a. Total Outlays	241,033.00	116,702.00	357,735.00
b. Recipient share of outlays 0.00%	0.00	0.00	0.00
c. Federal share of outlays 100.00%	241,033.00	116,702.00	357,735.00
d. Total unliquidated obligations			59,465.00
e. Recipient share of unliquidated obligations 0.00%			0.00
f. Federal share of unliquidated obligations 100.00%			59,465.00
g. Total Federal share (Sum of lines c and f)			417,200.00
h. Total Federal funds authorized for this funding period			749,273.00
i. Unobligated balance of Federal funds (line h minus line g)			332,073.00

11. INDIRECT EXPENSE	a. TYPE OF RATE: X FIXED					
	CUMULATIVE TO-DATE	PERIOD	b. RATE	BASE	TOTAL AMOUNT	FEDERAL SHARE
		SFY94	17.81%	0.00	0.00	0.00
		SFY95	20.40%	163,616.00	33,378.00	33,378.00
		SFY96	0.00%	0.00	0.00	0.00
		SFY97	0.00%	0.00	0.00	0.00
	SFY98	0.00%	0.00	0.00	0.00	
	TOTAL INDIRECT:		163,616.00	33,378.00	33,378.00	

12. Remarks: Attach any explanations deemed necessary or information required by federal sponsoring agency in compliance with governing legislation.

13. Certification: I certify to the best of my knowledge and belief that this report is correct and complete and that all outlays and unliquidated obligations are for the purposes set forth in the award documents.

Typed or Printed Name and Title PAUL M. STIERS, CHIEF FISCAL ADMINISTRATION	Telephone (Area code, number and extension) (614) 644 2339
--	--

Signature of Authorized Certifying Official 	Date Report Submitted 8-10-95
--	---

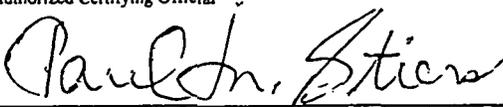
PREPARED BY: James T. Beaton	Telephone (Area code, number and extension) 614-644-2926
--	--

Standard Form 269A (REV 4-88)
Prescribed by OMB Circulars A-102 and A-110

FINANCIAL STATUS REPORT 7121

GN: X178
RC: PF94

(Short Form)

1. Federal Agency and Organizational Element to Which Report is Submitted U.S. DEPT. OF ENERGY OAK RIDGE, TENNESSEE		2. Federal Grant or Other Identifying Number Assigned By Federal Agency DE-FG05-94OR22206 ENERGY: AIP PORTSMOUTH		OBM Approval No. 0348-0039	Page 1	of 1 pages	
3. Recipient Organization (Name and complete address, including ZIP code) OHIO ENVIRONMENTAL PROTECTION AGENCY 1800 WATERMARK DRIVE, P.O. BOX 1049 COLUMBUS, OHIO 43216-1049							
4. Employer Identification Number 31 6402047		5. Recipient Account Number or Identifying Number GN: X178 DE-FG05-94OR22206		6. Final Report Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		7. Base Cash <input type="checkbox"/> Accrual <input checked="" type="checkbox"/>	
8. Funding Grant Period From: (Month, Day, Year) 02/01/94			9. Period covered by this report From: (Month, Day, Year) 07/31/95		To: (Month, Day, Year) 04/01/95		
10. Transactions:				I	II	III	
				Previously Reported	This Period	Cumulative	
a. Total Outlays				74,690.00	61,510.00	136,200.00	
b. Recipient share of outlays				0.00%	0.00	0.00	
c. Federal share of outlays				100.00%	74,690.00	136,200.00	
d. Total unliquidated obligations						42,074.00	
e. Recipient share of unliquidated obligations						0.00%	0.00
f. Federal share of unliquidated obligations						100.00%	42,074.00
g. Total Federal share (Sum of lines c and f)						178,274.00	
h. Total Federal funds authorized for this funding period						707,169.00	
i. Unobligated balance of Federal funds (line h minus line g)						528,895.00	
11. INDIRECT EXPENSE							
a. TYPE OF RATE: <input checked="" type="checkbox"/> FIXED							
		PERIOD	b. RATE	BASE	TOTAL AMOUNT	FEDERAL SHARE	
CUMULATIVE TO-DATE		SFY94	17.81%	0.00	0.00	0.00	
		SFY95	20.40%	48,242.00	9,841.00	9,841.00	
		SFY96	0.00%	105.00	0.00	0.00	
		SFY97	0.00%	0.00	0.00	0.00	
		SFY98	0.00%	0.00	0.00	0.00	
		TOTAL INDIRECT:		48,347.00	9,841.00	9,841.00	
12. Remarks: Attach any explanations deemed necessary or information required by federal sponsoring agency in compliance with governing legislation.							
13. Certification I certify to the best of my knowledge and belief that this report is correct and complete and that all outlays and unliquidated obligations are for the purposes set forth in the award documents.							
Typed or Printed Name and Title PAUL M. STIERS, CHIEF FISCAL ADMINISTRATION				Telephone (Area code, number and extension) (614) 644 2339			
Signature of Authorized Certifying Official 				Date Report Submitted 8-10-95			
PREPARED BY: James T. Beaton				Telephone (Area code, number and extension) 614-644-2926			

Standard Form 269A (REV 4-88)
Prescribed by OMB Circulars A-102 and A-110

Southwest District Office

401 East Fifth Street
Dayton, Ohio 45402-2911
(513) 285-6357
FAX (513) 285-6249

George V. Voinovich
Governor

June 22, 1995

RE: PORTSMOUTH AIP

Mr. Eugene W. Gillespie
Site Manager
U. S. DOE Portsmouth Site Office
P. O. Box 700
Piketon, Ohio 45661-0700

Dear Mr. Gillespie:

We are currently working with your staff to get Ohio's AIP program at the DOE Portsmouth site underway. During this process, the issue of the United States Enrichment Corporation (USEC) and DOE's insistence that the AIP only covers DOE's activities, have become a major problem to effective implementation of the program. Listed below are some points to consider as we attempt to resolve this issue:

1. The AIP was negotiated and signed (October 27, 1993) prior to the creation of USEC and with no consideration of any impacts from the privatization process. Other than informing Ohio of changes in DOE/USEC, DOE has never offered to discuss the implications of USEC's creation on the AIP.
2. The AIP at Portsmouth, like AIP's at other sites, was designed to evaluate, monitor, plan for emergencies, and involve the public from a site-wide perspective. To divide the site up defeats both DOE's and Ohio's goals for the AIP.
3. DOE still owns the entire site. Therefore, it seems logical to continue (from the AIP perspective) to pursue oversight as a single unit. In addition, DOE Oak Ridge is responsible for emergency management oversight of the entire facility.
4. The public perceives the site and its potential impacts as a single unit.
5. It is virtually impossible to monitor air and water discharges and conduct emergency activities at the Portsmouth site without covering both remediation and production activities.
6. The state of Kentucky provides AIP oversight to both air and water discharges at the Paducah site (another USEC site).



Mr. Eugene Gillespie

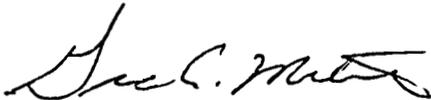
June 22, 1995

Page 2

We understand that the privatization of uranium enrichment production activities has resulted in impacts that were not planned. Ohio requests that DOE consider the points listed above and that we meet to resolve this issue so that the negotiated AIP for Portsmouth can be implemented and the goals of both DOE and Ohio can be achieved.

If you have any questions please contact me.

Sincerely,



Graham E. Mitchell
Chief, Office of Federal Facilities
Oversight

GEM/bjb

cc: Jenny Tiell, Director's Office
Tom Winston, OEPA, SWDO
Jan Carlson, OEPA, DERR
Pat Campbell, OEPA, DERR
Steve Skinner, OEPA, SEDO
Ellen Livingston, U.S. DOE
John Sheppard, U. S. DOE Portsmouth
Lew Meyers, OEMA
Ruth Vandegrift, ODH
Tuss Taylor, Kentucky
Sue Smiley, U.S. DOE, Ohio