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G-000-711.139

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY
COMPLIANCE AGREEMENT/FEDERAL FACILITY
AGREEMENT/REMEDIAL INVESTIGATION/FEASIBILITY
STUDY/CONSENT DECREE QUARTERLY REPORT - APRIL 1 THROUGH
JUNE 30, 1996**

07/26/96

DOE-1168-96
DOE-FN EPAS
25
REPORT

7772



Department of Energy

**Ohio Field Office
Fernald Area Office**

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



JUL 26 1996

DOE-1168-96

**Mr. James A. Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V - SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590**

**Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911**

Dear Mr. Saric and Mr. Schneider:

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE
AGREEMENT/FEDERAL FACILITY AGREEMENT/REMEDIAL INVESTIGATION/FEASIBILITY
STUDY/CONSENT DECREE QUARTERLY REPORT - APRIL 1 THROUGH JUNE 30, 1996**

Reference: Letter DOE-0395-96, J. Reising to J.A. Saric and T. Schneider, "Phase VII Removal Actions and Reporting Requirements Under the FEMP Legal Agreement," dated January 16, 1996.

This letter transmits the Amended Consent Agreement Quarterly Report which describes the activities accomplished April 1 through June 30, 1996. The quarterly report has been revised to reflect the proposal presented in the above referenced letter, and agreed to by the U.S. Environmental Protection Agency (U.S. EPA) and the Ohio Environmental Protection Agency (OEPA). We would like to receive feedback from you on this streamlined approach.

If you have any questions regarding this report, please contact me at (513) 648-3139.

Sincerely,

**Johnny W. Reising
Fernald Remedial Action
Project Manager**

Enclosure: As Stated

cc w/enc:

- R. L. Nace, EM-425/GTN
- R. Beaumier, TSPP/DERR, OEPA-Columbus
- D. Carr, FERMCO/52-5
- T. Hagen, FERMCO/65-2
- AR Coordinator, FERMCO/78

cc w/o enc:

- G. Jablonowski, USEPA-V, 5HRE-8J
- F. Bell, ATSDR
- D. S. Ward, GeoTrans
- S. McLellan, PRC
- J. Harmon, FERMCO/90
- B. Irvine, FERMCO/65-2
- C. Little, FERMCO/2

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FEDERAL FACILITY AGREEMENT/
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CONSENT DECREE QUARTERLY REPORT**

April 1, 1996 - June 30, 1996

Introduction

This report describes actions at the Fernald Environmental Management Project (FEMP) from April 1, 1996 through June 30, 1996. The quarterly report has been revised to reflect the proposal presented in the letter, DOE-0395-96, J. Reising to J.A. Saric and T. Schneider, "Phase VII Removal Actions and Reporting Requirements under the FEMP Legal Agreements", dated January 16, 1996 and agreed to by USEPA and OEPA.

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April 1, 1996 - June 30, 1996

OPERABLE UNIT 1

April 1996

- None

May 1996

- Enforceable Milestones
 - None
- Major Work Initiated/Completed
 - Initiated response to agency comments on Pre-Final Design Packages
 - Continued site preparation (i.e. erosion control, topsoil removal) for remedial facilities
 - Work ongoing for Alternative Remedial Action Subcontracting Approach (ARASA) Subcontractor Statement of Work (SOW)

June 1996

- Enforceable Milestones
 - Submitted responses to comments from Agencies on Pre-Final Design Packages I & II on June 14, 1996
 - Submitted amendment to Pre-final Design Packages I & II to Agencies on June 14, 1996; the purpose of the amendment is to present revised design plans for activities that support on-site rail improvements and construction of the OU1 plant facility
 - Submitted Statement of Work (SOW) for the Alternative Remedial Action Subcontracting Approach (ARASA) to DOE-FN for review and comment on June 14, 1996
- Major Work Initiated/Completed
 - Initiated storm drain catch basin construction
 - Started retaining wall construction

OPERABLE UNIT 2

April 1996

- None

May 1996

- Enforceable Milestones
 - Submitted Preliminary Design Package for Waste Unit Remediation to Agencies on May 18, 1996

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April 1, 1996 - June 30, 1996

- Submitted Pre-Final Design Package for Haul Road to Agencies on May 29, 1996
- Submitted Draft Remediation Action Work Plan (RAWP) for Haul Road to Agencies on May 29, 1996
- Major Work Initiated/Completed
 - Pre-Design Field Investigation completed on May 29, 1996
 - Site Preparation for On-Site Disposal Facility (OSDF) Test Pad initiated

June 1996

- Enforceable Milestones
 - Submitted Pre-Final Design Package for the On-Site Disposal Facility (OSDF) to EPA and OEPA on June 28, 1996
 - Submitted Draft Final Remedial Action Work Plan (RAWP) to EPA and OEPA on June 28, 1996
- Major Work Initiated/Completed
 - Continued construction and monitoring on the OSDF Test Pad Program

OPERABLE UNIT 3

Meeting - On May 23, 1996, there was a meeting between FERMCO, DOE and OEPA. Topics discussed at the meeting included residual acid treatment, status of various closures, and mixed waste treatment.

Safe Shutdown - Pilot Plant - Safe Shutdown activities are complete in the Pilot Plant. Personnel from the Pilot Plant have been transferred to Plant 5 to begin work. Progress continues on the Plant 2/3 line draining project. Safe Shutdown activities are on schedule.

On April 4, 1996, USEPA sent a letter approving the RA No. 9 Thorium Nitrate Final Report pending submittal of changed pages incorporating adequate responses to their comments.

On April 24, 1996, a letter responding to USEPA's comments on the Removal Action No. 9 Thorium Nitrate Final Report was submitted to DOE. Comment disposition sheets and final report replacement pages were included in the responses.

The Removal Action No. 9, Removal of Waste Inventories Annual Update was submitted to OEPA and USEPA on June 28, 1996.

Waste Oil Storage - The Waste Oil Storage in Garage (HWMU No. 3) Certification Report was submitted to OEPA on April 10, 1996, approximately five months before it was due to OEPA. On June 6, the FEMP received OEPA approval of closure certification for HWMU No.3.

North/South Solvent Tank Certification - The North/South Solvent Tank Certification Report was submitted to OEPA on April 30, 1996. On June 24, 1996, OEPA approved the North/South Solvent Tanks (HWMU No. 52) closure certification.

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Tanks Rinsed to RCRA Clean - On June 27, 1996, a letter was sent to OEPA and USEPA stating that six tanks were rinsed to RCRA cleanup action levels in Plant 2/3. Of these tanks, F1-25 and F1-26 were part of Removal Action No. 20, UNH. Tanks D1-7, D1-11, F1-23, and F1-24 were part of the Nitric/Residual Waste Project, which was an amendment to the Removal Action No. 20 Work Plan.

Hilco Oil Recovery System - On June 17, 1996, OEPA concurred with the reclassification of HWMU No. 21, Hilco Oil Recovery System from a Hazardous Waste management Unit (HWMU) to a Solid Waste Management Unit (SWMU).

Tank F1-26 - On June 7, 1996, the last of approximately 12,000 gallons of material from Tank F1-26 was successfully processed through Plant 8, which brought to a close the Residual Acid Project.

Removal Action No. 26, Asbestos Abatement Annual Update - The Removal Action No. 26, Asbestos Abatement Annual Update was submitted to OEPA and USEPA on June 11, 1996.

DOE Community Meeting - Approximately 80 people attended the DOE Community Meeting on May 7, 1996. John Bradburne, FERMCO's new president, was introduced and gave a brief summary of his background. Johnny Reising (DOE-Fernald) gave a presentation on the cleanup progress that has occurred at the site since the last community meeting in December. Some highlights were OU5's Record of Decision was signed in January; Plant 4 is scheduled to be imploded in August or September 1996; and, Waste Management's successes with the mixed waste treatment project. Jack Craig (DOE-Fernald) and Pete Greenwalt (DOE-Ohio Field Office) gave updates on the FY98 budget process and the site's funding priorities. Fernald's FY98 budget request will be \$298 million. Updates and comments were given by U.S. EPA, OEPA, the Fernald Citizens Task Force, and FRESH. A transcript of the meeting will be available at the PEIC by the end of May.

On April 23, 1996, a public meeting on the Operable Unit 3 Proposed Plan for Final Remedial Action was held. More than 50 people attended the meeting. Several stakeholders requested that DOE and FERMCO conduct a community roundtable to address free-release limits, recycling and reuse issues. The 30-day public comment period ended May 2, 1996.

DOE conducted a June 11, 1996, public workshop on recycling, reuse, and free-release of Operable Unit 3 materials. The workshop was held in response to stakeholder interest in recycling/reuse initiatives expressed during the April 23, 1996, Operable Unit 3 public meeting. More than 30 people attended the two-hour workshop.

The *Draft Decision Methodology for Fernald Scrap Metal Disposition Alternatives*, was placed in the Public Environmental Information Center for informal public review. This methodology will be used as a tool to evaluate disposition options for Building 4A structural steel, and will be integrated with the Operable Unit 3 Remedial Design/Remedial Action Work Plan. To ensure

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stakeholders are aware of the opportunity to review the document, an article was placed in the *Fernald Report*, the site's community newsletter; a message was placed on the Community Access Line; and Fernald Envoys were informed of the draft methodology and the July 26, 1996 due date for comments.

In late August or early September, Plant 4 will be imploded. Public Affairs will ensure the local community will be made aware of the implosion through articles in the *Fernald Report*, Fernald envoys and neighbor notifications.

April 1996

- None

May 1996

- Enforceable Milestones
 - None
- Major Work Initiated/Completed
 - RI/FS Proposed Plan
 - Public Comment Period ended on May 2, 1996
 - Comments are being evaluated and the Draft Record of Decision (ROD) and Responsiveness Summary are being prepared
 - D&D ongoing in Plant 4 and Plant 1
 - Provided Revised Schedule for Submittal of Implementation Plans to Agencies on May 17, 1996

June 1996

- Enforceable Milestones
 - Submitted Draft OU3 Record of Decision (ROD) to Agencies on June 27, 1996 (ACA milestone actually dated July 25, 1996)
- Major Work Initiated/Completed
 - D&D
 - Removed exterior siding from Plant 4

OPERABLE UNIT 4

April 1996

- None

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April 1, 1996 - June 30, 1996

May 1996

- Enforceable Milestones
 - Submitted Silo Superstructure Pre-Final Design to the EPAs on May 1, 1996 (Milestone date May 2, 1996)
- Major Work Initiated/Completed
 - Vitrification Pilot Plant Phase I Readiness Assessment completed on May 17, 1996
 - Vitrification Pilot Plan Melter Bakeout initiated on May 18, 1996

June 1996

- Enforceable Milestones
 - None
- Major Work Initiated/Completed
 - Completed Vitrification Pilot Plant (VitPP) Melter Bakeout Phase on June 18, 1996
 - Initiated VitPP Phase I, Campaign 1 on June 19, 1996
 - Glass frit fed to melter on June 5, 1996.
 - Made first glass on June 25, 1996
 - VitPP Phase I Work Plan transmitted to USEPA June 14, 1996.
 - Slurry feed initiated on June 24, 1996.

OPERABLE UNIT 5

OU5 Draft Final Remedial Design Work Plan - The Integrated Environmental Monitoring Plan (IEMP) is being developed for submittal to the USEPA on August 1, 1996.

April 1996

- None

May 1996

- Enforceable Milestones
 - Draft Remedial Design Work Plan submitted to Agencies on May 1, 1996
- Major Work Initiated/Completed
 - Contractor mobilized for Advanced Waste Water Treatment (AWWT) System Multi-Media Filter Project
 - AWWT Dewatering Facility construction continues

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April 1, 1996 - June 30, 1996

June 1996

- Enforceable Milestones
 - Submitted Draft Final Remedial Design Work Plan to the EPAs on June 27, 1996
- Major Work Initiated/Completed
 - Continued Advanced Waste Water Treatment Facility (AWWT) Multi-Media Filter Project construction
 - Completed AWWT Dewatering Facility punch list items (note that warranty work is continuing)

WASTE PROGRAMS MANAGEMENT

April 1996

- None

May 1996

- Enforceable Milestones
 - None
- Major Work Initiated/Completed
 - Thorium Overpack began May 6, 1996
 - 545m³ of Low Level Waste shipped to the Nevada Test Site
 - Liquid Mixed Waste Project
 - 85.4m³ of liquid mixed waste bulked in preparation for shipment to the TSCA Incinerator
 - 34.0m³ of liquid mixed waste shipped to the TSCA Incinerator
 - 0.8m³ of liquid mixed waste treated in the FEMP Wastewater Treatment System
 - Chemical Treatment Project
 - 1.2m³ treated in the Decontamination Project
 - General CERCLA Workplan for Chemical Treatment was revised to incorporate comments

June 1996

- Enforceable Milestones
 - None
- Major Work Initiated/Completed

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- Low Level Waste
 - Shipped 710 m³ of Low Level Waste to Nevada Test Site (NTS)
- Liquid Mixed Waste Project
 - Shipped 156 m³ of liquid mixed waste to TSCA Incinerator
 - Treated 0.8 m³ of liquid mixed waste in the FEMP Waste Water Treatment System
- Chemical Treatment Project
 - Successfully treated 2.4 m³ in the Decontamination Project
 - Submitted revised General CERCLA Work Plan for the Chemical Treatment Project to Agencies
 - Submitted NPDS (Neutralization, Precipitation, Deactivation, and Stabilization) Technology Specific Work Plan to DOE and Agencies

MISCELLANEOUS

RCRA/CERCLA Integrated Closure Orders - The RCRA/CERCLA Integrated Closure Orders were signed by the Director of the Ohio EPA on June 4, 1996. The Orders integrate the RCRA closure process with CERCLA requirements for twenty-five Hazardous Waste Management Units (HWMUs) at the FEMP. Facility closure will be completed on the date the last Treatment, Storage and/or Disposal (TSD) unit is closed.

Annual NESHAP Compliance Report - The Annual NESHAP Compliance Report for CY 1995 was transmitted to the USEPA on June 21, 1996.

Closure Plan Information and Data (CPID) - During the week of June 24, a letter was sent to USEPA and OEPA in compliance with Order 5 of the RCRA/CERCLA Director's Findings and Orders (DF&O) for integrated closure. The letter withdraws Closure Plan Information and Data (CPID) packages submitted to the OEPA for the Hazardous Waste Management Units (HWMUs) listed in Attachment A of the DF&O, "Active and Inactive Units to be Closed under CERCLA/RCRA Integrated Process." Those closures will now be completed under the RCRA/CERCLA integrated process.

On May 28, 1996, DOE hosted a public workshop to discuss initiation of the Fernald Cessation of Regulated Operations (RO). Nominations were accepted for membership of the Fernald CRO. Copies of the nomination form, with instructions on the nomination process, were available in the Fernald Public Environmental Information Center (PEIC).

June 12 - 13, 1996 was the first meeting of the Fernald Health Effects Subcommittee. This committee has been formed to advise The Center of Disease Control and Prevention and the Agency for Toxic Substances and Disease Registry about Fernald Health Effects. Approximately 17 members of the public -- including key stakeholder groups such as FRESH, the Fernald Citizens Task Force, township trustees, and local residents -- will serve on the committee.

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April 1, 1996 - June 30, 1996

Attachment A

EFFLUENT RADIATION REPORTS

EFFLUENT RADIATION REPORT

APRIL 1996

PARSHALL FLUME (Effluent to Great Miami River 11000004001)

	Flow (gallons)	Total Alpha (pCi/l)	Total Beta (pCi/l)	Total U (ug/l)	Total U (kg)	Calculated Total U-238 (pCi/l)(1)
Total	74,742.000	N/A	N/A	N/A	9.62	N/A
Avg (2)	2,491.000	23	815	34	0.32	10
Max	4,218.000	67	1400	133	2.12	45
Min	1,803.000	7	120	15	0.13	5

- (1) The activity of this discharge has been and will continue to be reported as Uranium-238 (pCi/l) in accordance with the Ohio EPA format for reporting uranium. Since this does not account for the activity of the other uranium isotopes in the effluent, the total uranium data is also presented. The calculated Total U-238 is based on a conversion factor of 337.84 pCi U-238/mg Total U applied to the measured value of total uranium.
- (2) Average values presented are flow-weighted.

APRIL 1996

STORMWATER RETENTION BASIN (SWRB)		SOUTH FIELD LEACHATE SYSTEM	
		Sample Collected	03/29/96
		East Sump	
	Bypasses	Overflows	
Dates	29 & 30	29 & 30	
Gallons	2,739,000	4,630,000	Solids 36 ug/l
Total U	2.15 kg	4.69 kg	Total U 257 ug/l
		West Sump	
STORMWATER RUNOFF TO PADDY'S RUN		Solids	6 ug/l
		Total U	2200 ug/l
Precipitation	8.95 in		
Total U	25.43 kg		Total Gallons 73,900

EFFLUENT RADIATION REPORT

MAY 1996

PARSHALL FLUME (Effluent to Great Miami River 11000004001)

	Flow (gallons)	Total Alpha (pCi/l)	Total Beta (pCi/l)	Total U (ug/l)	Total U (kg)	Calculated Total U-238 (pCi/l)(1)
Total	106,529,000	N/A	N/A	N/A	31.70	N/A
Avg (2)	3,436,000	49	796	79	1.02	24
Max	4,757,000	120	1300	206	2.95	70
Min	2,307,000	11	540	21	0.18	7

- (1) The activity of this discharge has been and will continue to be reported as Uranium-238 (pCi/l) in accordance with the Ohio EPA format for reporting uranium. Since this does not account for the activity of the other uranium isotopes in the effluent, the total uranium data is also presented. The calculated Total U-238 is based on a conversion factor of 337.84 pCi U-238/mg Total U applied to the measured value of total uranium.
- (2) Average values presented are flow-weighted.

MAY 1996

STORMWATER RETENTION BASIN (SWRB)		SOUTH FIELD LEACHATE SYSTEM	
		No Sample Collected This Month	
		Quarterly Sampling Required	
		East Sump	
	Bypasses	Overflows	
Dates	1-7; 15-19; 27-30	15 & 16	
Gallons	16,018,000	2,133,000	Solids
Total U	18.74 kg	1.71 kg	Total U
		West Sump	
STORMWATER RUNOFF TO PADDY'S RUN		Solids	
		Total U	
Precipitation		10.93 in	
Total U		31.05 kg	Total Gallons

EFFLUENT RADIATION REPORT

JUNE 1996

PARSHALL FLUME (Effluent to Great Miami River 11000004001)

	Flow (gallons)	Total Alpha (pCi/l)	Total Beta (pCi/l)	Total U (ug/l)	Total U (kg)	Calculated Total U-238 (pCi/l)(1)
Total	63,494,000	N/A	N/A	N/A	7.68	N/A
Avg (2)	2,116,000	11	674	32	0.26	15
Max	3,241,000	25	1500	166	0.38	56
Min	156,000	9	670	20	0.09	7

- (1) The activity of this discharge has been and will continue to be reported as Uranium-238 (pCi/l) in accordance with the Ohio EPA format for reporting uranium. Since this does not account for the activity of the other uranium isotopes in the effluent, the total uranium data is also presented. The calculated Total U-238 is based on a conversion factor of 337.84 pCi U-238/mg Total U applied to the measured value of total uranium.
- (2) Average values presented are flow-weighted.

JUNE 1996

STORMWATER RETENTION BASIN (SWRB)			SOUTH FIELD LEACHATE SYSTEM	
			Sample Collected	06/25/96
	Bypasses	Overflows		East Sump
Dates	NONE	NONE		
Gallons	0	0	Solids	122 mg/l
Total U	0	0	Total U	29.3 ug/l
				West Sump
STORMWATER RUNOFF TO PADDY'S RUN			Solids	53.6 mg/l
			Total U	3450 ug/l
Precipitation		4.13 in		
Total U		11.73 kg	Total Gallons	30,452,000

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Attachment B

RADON CONCENTRATION REPORTS

**CONSOLIDATED CONSENT AGREEMENT / FEDERAL FACILITY COMPLIANCE AGREEMENT/
FEDERAL FACILITY AGREEMENT MONTHLY PROGRESS REPORT**

MONTH: APRIL
YEAR: 1996

FACILITY: Fernald Environmental Management Project
U.S. Department of Energy
7400 Willey Road, P.O. Box 538704
Cincinnati, Ohio 45253 Hamilton

**SELECTED ENVIRONMENTAL MONITORING
RADON CONCENTRATIONS REPORT**

Report Generated:
07/19/96

Daily Averages	AMS 5	AMS 6	PILOT PLANT WAREHOUSE	BKGD 1 (Fairfield)	BKGD 2 (Miami town)	K65,NW	K65,SW	K65,NE	K65,SE
	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)
04/01/96	0.4	0.6	0.6	0.4	0.4	0.8	0.7	1.2	1.1
04/02/96	0.6	0.6	0.7	0.5	0.4	2.0	1.8	5.5	2.9
04/03/96	0.6	0.6	0.7	0.4	0.5	1.0	1.1	10.9	6.4
04/04/96	0.4	0.5	0.6	0.5	0.4	0.8	0.7	2.1	1.2
04/05/96	0.4	0.5	0.6	0.6	0.3	0.9	1.0	2.2	1.4
04/06/96	0.5	0.6	0.8	0.5	0.4	1.6	1.2	18.0	9.2
04/07/96	0.7	0.7	0.8	0.5	0.5	1.4	1.8	8.9	5.0
04/08/96	0.4	0.5	0.7	0.4	0.4	1.2	0.7	2.7	2.2
04/09/96	0.5	0.6	0.7	0.5	0.5	1.0	0.9	3.5	3.4
04/10/96	0.7	0.7	0.7	0.5	0.4	1.3	1.2	5.8	4.2
04/11/96	1.0	0.9	1.0	0.5	0.5	1.4	1.4	5.2	3.7
04/12/96	0.4	0.5	0.5	0.4	0.4	0.7	0.5	1.3	0.6
04/13/96	0.5	0.5	0.6	0.5	0.4	0.9	0.8	2.1	1.1
04/14/96	0.4	0.5	0.5	0.4	0.4	1.4	2.6	0.6	0.8
04/15/96	0.7	0.8	0.6	0.5	0.5	1.9	6.3	2.6	1.6
04/16/96	0.4	0.5	0.7	0.5	0.4	0.7	0.6	2.3	1.7
04/17/96	0.7	0.8	0.9	0.5	0.5	2.0	1.8	3.5	2.3
04/18/96	1.0	1.0	0.6	0.5	0.5	1.5	1.9	8.7	7.4
04/19/96	0.4	0.5	0.5	0.4	0.4	0.8	0.7	0.8	0.6
04/20/96	0.4	0.5	0.6	0.4	0.4	1.1	1.2	1.6	1.2
04/21/96	0.6	0.6	0.6	0.4	0.5	1.7	1.8	3.9	3.2
04/22/96	0.5	0.6	0.4	0.4	0.4	1.3	1.3	1.8	1.5
04/23/96	0.5	0.5	0.5	0.8	0.4	1.8	3.0	N/A (b)	4.0
04/24/96	0.4	0.5	0.6	0.7	0.4	1.2	0.9	1.1	3.0
04/25/96	0.4	0.5	0.6	0.4	0.3	0.7	0.7	0.8	0.8
04/26/96	0.4	0.5	0.5	0.4	0.4	1.0	0.8	1.8	1.1
04/27/96	0.5	0.5	0.5	0.4	0.4	2.5	2.9	5.9	3.7
04/28/96	0.6	0.7	0.6	0.5	0.5	4.2	5.1	2.3	1.8
04/29/96	0.4	0.6	0.6	0.5	0.4	2.5	4.3	2.3	1.2
04/30/96	0.4	0.5	0.6	0.4	0.4	0.7	0.7	3.2	1.2

Monthly Statistics

	AMS 5	AMS 6	PILOT PLANT	BKGD 1	BKGD 2	K65,NW	K65,SW	K65,NE	K65,SE
AVERAGE:	0.5	0.6	0.6	0.5	0.4	1.4	1.7	3.9	2.6
MAXIMUM:	1.0	1.0	1.0	0.8	0.5	4.2	6.3	18.0	9.2
MINIMUM:	0.4	0.5	0.4	0.4	0.3	0.7	0.5	0.6	0.6
MEDIAN:	0.5	0.6	0.6	0.5	0.4	1.2	1.2	2.3	1.7
STD. DEV:	0.2	0.1	0.1	0.1	0.0	0.7	1.4	3.7	2.1

STANDARD LEGEND: 1. "(a)" indicates censored data due to erroneous readings from the monitoring equipment.
2. "(b)" indicates partial or complete data loss due to monitor malfunction.
3. "(c)" indicates partial or complete data loss due to programming error in monitor.

**CONSOLIDATED CONSENT AGREEMENT / FEDERAL FACILITY COMPLIANCE AGREEMENT/
FEDERAL FACILITY AGREEMENT MONTHLY PROGRESS REPORT**

MONTH: APRIL
YEAR: 1996

FACILITY: Fernald Environmental Management Project
U.S. Department of Energy
7400 Willey Road, P.O. Box 538704
Cincinnati, Ohio 45253 Hamilton

**K-65 SILO REPORT
RADON CONCENTRATIONS**

Summary of Continuous Monitoring Results

Report Date: 07/19/96

Daily Statistics	SILO 1				SILO 2			
	Average	Maximum	Minimum	Std. Dev.	Average	Maximum	Minimum	Std. Dev.
04/01/96	3.12E+05	4.36E+06	1.03E+04	8.00E+05	6.17E+06	6.38E+06	5.84E+06	1.61E+05
04/02/96	3.02E+06	5.62E+06	6.15E+05	1.43E+06	5.97E+06	6.29E+06	5.56E+06	2.29E+05
04/03/96	2.23E+06	5.83E+06	2.09E+05	1.52E+06	5.68E+06	6.29E+06	3.09E+06	6.44E+05
04/04/96	1.28E+06	5.51E+06	2.11E+04	1.40E+06	5.78E+06	6.00E+06	5.44E+06	1.28E+05
04/05/96	1.34E+06	5.41E+06	2.11E+04	1.58E+06	5.81E+06	5.94E+06	5.68E+06	6.40E+04
04/06/96	2.04E+06	5.47E+06	8.37E+04	1.44E+06	5.91E+06	6.17E+06	5.54E+06	1.42E+05
04/07/96	1.44E+06	4.64E+06	9.76E+03	1.07E+06	5.66E+06	6.49E+06	4.62E+05	9.73E+05
04/08/96	1.78E+06	5.31E+06	5.09E+04	1.39E+06	5.95E+06	6.31E+06	4.46E+06	4.83E+05
04/09/96	7.85E+05	4.42E+06	2.85E+04	8.40E+05	6.30E+06	6.49E+06	6.13E+06	1.10E+05
04/10/96	1.23E+06	4.20E+06	1.98E+05	7.03E+05	6.04E+06	6.51E+06	3.21E+06	4.05E+05
04/11/96	2.06E+06	5.28E+06	1.12E+04	1.21E+06	5.70E+06	6.52E+06	3.10E+06	1.07E+06
04/12/96	1.79E+06	5.41E+06	1.36E+05	1.22E+06	5.52E+06	6.08E+06	5.10E+06	1.95E+05
04/13/96	2.24E+06	6.29E+06	1.72E+04	2.02E+06	6.03E+06	6.35E+06	3.09E+06	5.63E+05
04/14/96	1.56E+06	5.36E+06	1.84E+04	1.56E+06	6.11E+06	6.52E+06	5.54E+06	2.75E+05
04/15/96	2.60E+06	5.99E+06	2.09E+04	2.13E+06	5.75E+06	5.95E+06	5.17E+06	1.48E+05
04/16/96	3.27E+05	3.25E+06	2.02E+04	4.85E+05	5.72E+06	6.02E+06	5.24E+06	2.23E+05
04/17/96	2.95E+06	5.74E+06	2.17E+05	1.97E+06	5.37E+06	5.80E+06	3.09E+06	6.22E+05
04/18/96	2.67E+06	5.47E+06	5.75E+05	1.25E+06	5.23E+06	5.74E+06	4.58E+06	3.63E+05
04/19/96	2.72E+06	5.43E+06	9.76E+03	1.41E+06	5.11E+06	5.43E+06	4.55E+06	1.56E+05
04/20/96	1.95E+06	5.51E+06	9.76E+03	1.64E+06	5.17E+06	5.53E+06	4.48E+06	2.64E+05
04/21/96	3.01E+06	5.65E+06	3.72E+05	1.69E+06	5.04E+06	5.34E+06	4.63E+06	2.24E+05
04/22/96	2.92E+06	6.02E+06	2.00E+05	1.97E+06	4.92E+06	5.19E+06	4.35E+06	2.11E+05
04/23/96	1.86E+06	6.03E+06	2.30E+04	2.22E+06	5.13E+06	5.26E+06	5.02E+06	6.00E+04
04/24/96	1.88E+06	5.22E+06	9.76E+03	1.20E+06	5.49E+06	6.02E+06	4.52E+06	3.20E+05
04/25/96	2.35E+06	5.99E+06	1.13E+05	1.70E+06	5.66E+06	6.05E+06	5.06E+06	2.94E+05
04/26/96	1.17E+06	5.39E+06	2.46E+04	1.57E+06	5.98E+06	6.17E+06	4.40E+06	1.95E+05
04/27/96	8.03E+05	4.84E+06	2.87E+04	1.20E+06	5.86E+06	6.25E+06	5.50E+06	2.50E+05
04/28/96	6.38E+04	6.75E+04	5.76E+04	2.51E+03	5.91E+06	6.09E+06	5.38E+06	1.18E+05
04/29/96	4.71E+04	6.06E+04	3.43E+04	7.72E+03	5.87E+06	6.15E+06	5.12E+06	1.96E+05
04/30/96	3.75E+04	4.72E+04	2.58E+04	5.55E+03	6.01E+06	6.37E+06	5.51E+06	2.33E+05

Headspace Grab Sample Results

Date:	SILO 1	SILO 2
04/11/96	5.96E+06	4.52E+06
04/12/96	4.35E+06	4.76E+06
04/17/96	5.52E+06	4.63E+06
04/18/96	5.94E+06	4.55E+06
04/24/96	3.81E+05	4.28E+06
04/26/96	2.28E+05	4.55E+06

STANDARD LEGEND:

1. All values reported in pCi/L.
2. Data reported to three significant digits to remain consistent with the calibration data.
3. Shaded Cells indicate partial/complete data loss due to equipment malfunction.

**CONSOLIDATED CONSENT AGREEMENT / FEDERAL FACILITY COMPLIANCE AGREEMENT/
FEDERAL FACILITY AGREEMENT MONTHLY PROGRESS REPORT**

MONTH: MAY
YEAR: 1996

FACILITY: Fernald Environmental Management Project
U.S. Department of Energy
7400 Willey Road, P.O. Box 538704
Cincinnati, Ohio 45253 Hamilton

**K-65 SILO REPORT
RADON CONCENTRATIONS**

Summary of Continuous Monitoring Results

Report Date: 07/19/96

Daily Statistics	SILO 1				SILO 2			
	Average	Maximum	Minimum	Std. Dev.	Average	Maximum	Minimum	Std. Dev.
05/01/96	2.68E+04	3.20E+04	1.48E+03	3.79E+03	5.73E+06	6.10E+06	1.32E+05	4.47E+05
05/02/96	9.48E+05	5.18E+06	7.98E+03	1.67E+06	5.80E+06	6.12E+06	5.46E+06	2.19E+05
05/03/96	3.03E+06	5.36E+06	1.09E+04	1.40E+06	5.70E+06	6.00E+06	1.59E+05	5.15E+05
05/04/96	2.72E+06	5.49E+06	1.98E+05	1.53E+06	5.78E+06	6.02E+06	5.37E+06	1.60E+05
05/05/96	4.37E+05	1.32E+06	5.48E+04	1.30E+05	5.89E+06	6.02E+06	5.34E+06	7.17E+04
05/06/96	3.12E+05	3.60E+05	2.80E+05	2.54E+04	5.81E+06	5.98E+06	5.44E+06	1.31E+05
05/07/96	6.54E+05	4.93E+06	1.97E+05	1.05E+06	5.96E+06	6.09E+06	3.80E+06	1.80E+05
05/08/96	3.09E+06	5.42E+06	4.01E+05	1.43E+06	5.98E+06	6.10E+06	3.09E+06	1.99E+05
05/09/96	3.91E+06	4.75E+06	1.53E+04	4.79E+05	5.88E+06	6.19E+06	3.10E+06	3.02E+05
05/10/96	2.91E+06	3.46E+06	2.46E+06	3.04E+05	5.99E+06	6.34E+06	5.47E+06	2.36E+05
05/11/96	1.89E+06	2.44E+06	1.40E+06	3.14E+05	6.50E+06	6.67E+06	6.31E+06	9.36E+04
05/12/96	1.03E+06	1.39E+06	7.98E+05	1.76E+05	6.43E+06	6.60E+06	6.32E+06	5.59E+04
05/13/96	5.97E+05	8.03E+05	4.96E+05	9.78E+04	6.58E+06	6.89E+06	6.07E+06	2.00E+05
05/14/96	3.78E+05	4.92E+05	2.28E+05	5.69E+04	6.74E+06	7.06E+06	5.54E+05	4.02E+05
05/15/96	2.83E+05	3.30E+05	2.46E+05	2.54E+04	7.12E+06	7.33E+06	6.60E+06	9.93E+04
05/16/96	2.31E+05	2.47E+05	2.19E+05	9.41E+03	6.49E+06	7.05E+06	5.95E+06	4.19E+05
05/17/96	3.49E+05	5.28E+05	2.01E+05	1.41E+05	6.19E+06	6.61E+06	5.59E+06	2.74E+05
05/18/96	4.29E+05	5.05E+05	3.71E+05	4.68E+04	6.21E+06	6.59E+06	5.82E+06	2.27E+05
05/19/96	3.13E+05	3.74E+05	2.69E+05	3.59E+04	6.40E+06	6.72E+06	5.93E+06	1.95E+05
05/20/96	2.30E+05	2.73E+05	1.98E+05	2.44E+04	6.54E+06	6.82E+06	5.99E+06	1.39E+05
05/21/96	1.73E+05	2.05E+05	9.76E+03	2.19E+04	6.38E+06	7.08E+06	1.65E+06	4.56E+05
05/22/96	1.21E+05	1.62E+05	9.54E+04	2.09E+04	6.15E+06	6.43E+06	5.75E+06	1.63E+05
05/23/96	8.53E+04	1.14E+05	1.46E+04	1.65E+04	6.18E+06	6.53E+06	6.09E+05	4.25E+05
05/24/96	6.10E+04	7.95E+04	4.84E+04	8.01E+03	6.00E+06	6.47E+06	3.13E+06	3.93E+05
05/25/96	4.41E+04	5.76E+04	3.13E+04	8.39E+03	6.31E+06	6.64E+06	5.90E+06	1.99E+05
05/26/96	3.42E+04	4.45E+04	2.05E+04	5.76E+03	6.45E+06	6.67E+06	2.59E+06	3.02E+05
05/27/96	2.90E+04	3.41E+04	2.30E+04	3.95E+03	6.64E+06	6.77E+06	6.48E+06	7.59E+04
05/28/96	2.25E+04	2.71E+04	1.19E+04	3.60E+03	6.57E+06	6.72E+06	6.37E+06	8.18E+04
05/29/96	2.52E+05	3.25E+06	1.27E+02	6.19E+05	6.44E+06	6.66E+06	2.89E+06	2.74E+05
05/30/96	1.73E+05	3.25E+06	1.26E+04	4.28E+05	6.20E+06	6.66E+06	5.72E+06	2.42E+05
05/31/96	4.87E+04	8.92E+05	1.26E+02	8.55E+04	6.41E+06	6.79E+06	5.72E+06	2.01E+05

Headspace Grab Sample Results

Date:	SILO 1	SILO 2
05/01/96	1.86E+03	4.52E+06
05/03/96	3.93E+05	4.47E+06
05/07/96	4.53E+03	4.34E+06
05/09/96	1.16E+03	4.56E+06
05/14/96	n/a	4.95E+06
05/16/96	9.80E+02	4.74E+06
05/21/96	n/a	4.76E+06
05/23/96	n/a	4.96E+06
05/29/96	n/a	5.22E+06
05/31/96	n/a	4.94E+06

STANDARD LEGEND:

1. All values reported in pCi/L.
2. Data reported to three significant digits to remain consistent with the calibration data.
3. Shaded Cells indicate partial/complete data loss due to equipment malfunction.

**CONSOLIDATED CONSENT AGREEMENT / FEDERAL FACILITY COMPLIANCE AGREEMENT /
FEDERAL FACILITY AGREEMENT MONTHLY PROGRESS REPORT**

MONTH: MAY
YEAR: 1996

FACILITY: Fernald Environmental Management Project
U.S. Department of Energy
7400 Willey Road, P.O. Box 538704
Cincinnati, Ohio 45253 Hamilton

**SELECTED ENVIRONMENTAL MONITORING
RADON CONCENTRATIONS REPORT**

Report Generated:
07/19/96

Daily Averages	AMS 5	AMS 6	PILOT PLANT	BKGD 1	BKGD 2	K65,NW	K65,SW	K65,NE	K65,SE
	(pCi/L)	(pCi/L)	WAREHOUSE (pCi/L)	(Fairfield) (pCi/L)	(Miamitown) (pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)
05/01/96	0.4	0.5	0.5	0.4	0.4	0.7	0.7	2.0	0.9
05/02/96	0.6	0.7	0.6	0.4	0.5	1.8	1.8	2.7	2.4
05/03/96	0.5	0.6	0.6	0.5	0.4	4.1	2.3	1.8	1.4
05/04/96	0.4	0.5	0.5	0.5	0.4	2.0	1.6	1.3	1.2
05/05/96	0.5	0.5	0.6	0.4	0.4	1.5	3.5	0.8	0.7
05/06/96	0.4	0.5	0.5	0.4	0.4	0.8	1.8	0.8	1.0
05/07/96	0.5	0.6	0.6	0.5	0.4	0.9	3.8	0.8	0.7
05/08/96	0.5	0.6	0.6	0.5	0.5	1.3	2.0	1.4	0.9
05/09/96	0.5	0.5	0.6	0.4	0.4	1.3	1.2	4.9	2.9
05/10/96	0.4	0.5	0.5	0.4	0.5	1.2	1.4	4.9	4.0
05/11/96	0.4	0.5	0.5	0.3	0.3	1.9	1.1	1.2	1.8
05/12/96	0.3	0.4	0.5	0.4	0.3	0.6	0.7	2.0	1.7
05/13/96	0.4	0.5	0.6	0.4	0.4	1.2	1.7	3.2	2.2
05/14/96	0.6	0.7	0.7	(b)	0.4	2.7	1.6	3.1	2.2
05/15/96	0.5	0.6	0.6	(b)	0.4	5.0	2.3	0.9	0.8
05/16/96	0.6	0.6	0.7	(b)	0.5	1.1	1.2	2.0	1.6
05/17/96	0.8	0.7	0.7	(b)	0.5	1.7	2.2	4.8	4.5
05/18/96	0.4	0.5	0.5	(b)	0.4	0.6	0.8	2.1	0.8
05/19/96	0.6	0.6	0.6	(b)	0.4	1.1	1.5	6.0	2.6
05/20/96	0.4	0.5	(a)	0.4	0.3	0.6	0.9	1.8	0.7
05/21/96	0.4	0.5	0.5	0.4	0.4	0.7	1.1	1.2	1.6
05/22/96	0.8	0.9	0.8	0.6	0.6	1.3	1.8	3.0	3.0
05/23/96	0.9	1.0	0.8	0.7	0.6	2.0	3.0	6.2	4.2
05/24/96	0.5	0.6	0.4	0.5	0.4	1.5	3.3	0.9	0.7
05/25/96	0.4	0.5	0.3	0.4	0.4	1.2	3.2	0.7	0.6
05/26/96	0.5	0.7	0.4	0.5	0.5	1.6	4.4	0.8	0.9
05/27/96	0.4	0.7	0.4	0.4	0.5	2.0	5.0	0.8	0.7
05/28/96	0.4	0.6	0.4	(b)	0.5	1.2	4.3	0.8	0.8
05/29/96	0.4	0.5	0.3	0.9	0.4	0.9	1.5	1.1	1.2
05/30/96	0.3	0.5	0.3	0.7	0.4	0.9	1.9	1.3	1.3
05/31/96	0.5	0.7	0.5	(b)	0.5	1.9	2.6	4.2	3.9

Monthly Statistics

	AMS 5	AMS 6	PILOT	BKGD 1	BKGD 2	K65,NW	K65,SW	K65,NE	K65,SE
AVERAGE:	0.5	0.6	0.5	0.5	0.4	1.5	2.1	2.2	1.7
MAXIMUM:	0.9	1.0	0.8	0.9	0.6	5.0	5.0	6.2	4.5
MINIMUM:	0.3	0.4	0.3	0.3	0.3	0.6	0.7	0.7	0.6
MEDIAN:	0.5	0.6	0.5	0.4	0.4	1.3	1.8	1.6	1.3
STD. DEV.:	0.1	0.1	0.1	0.1	0.1	1.0	1.1	1.6	1.1

STANDARD LEGEND: 1. "(a)" indicates censored data due to erroneous readings from the monitoring equipment.
2. "(b)" indicates partial or complete data loss due to monitor malfunction.
3. "(c)" indicates partial or complete data loss due to programming error in monitor.

**CONSOLIDATED CONSENT AGREEMENT / FEDERAL FACILITY COMPLIANCE AGREEMENT /
FEDERAL FACILITY AGREEMENT MONTHLY PROGRESS REPORT**

MONTH: JUNE
YEAR: 1996

FACILITY: Fernald Environmental Management Project
U.S. Department of Energy
7400 Willey Road, P.O. Box 538704
Cincinnati, Ohio 45253 Hamilton

**K-65 SILO REPORT
RADON CONCENTRATIONS**

Summary of Continuous Monitoring Results

Report Date: 07/19/96

Daily Statistics	SILO 1				SILO 2			
	Average	Maximum	Minimum	Std. Dev.	Average	Maximum	Minimum	Std. Dev.
06/01/96	9.66E+03	2.14E+04	8.01E+02	6.78E+03	6.41E+06	6.66E+06	5.97E+06	2.00E+05
06/02/96	9.83E+03	1.90E+04	9.76E+03	3.10E+03	6.52E+06	6.97E+06	6.11E+06	8.09E+04
06/03/96	2.01E+06	5.76E+06	1.30E+04	2.00E+06	1.29E+06	6.57E+06	3.10E+06	4.48E+06
06/04/96	2.23E+06	5.98E+06	5.11E+05	1.47E+06	-3.10E+06	-3.10E+06	3.10E+06	3.32E+02
06/05/96	2.92E+06	9.88E+06	9.76E+03	2.03E+06	-2.78E+06	-2.32E+06	3.10E+06	3.31E+05
06/06/96	4.23E+06	6.45E+06	1.65E+06	1.37E+06	-2.48E+06	-1.85E+06	2.71E+06	9.77E+04
06/07/96	3.26E+06	5.64E+06	6.29E+04	1.46E+06	-2.45E+06	-2.15E+06	2.95E+06	9.09E+04
06/08/96	2.93E+06	5.51E+06	8.40E+05	1.22E+06	-2.40E+06	-2.28E+06	2.52E+06	5.48E+04
06/09/96	3.94E+06	6.06E+06	1.22E+06	1.47E+06	-2.36E+06	-1.99E+06	2.68E+06	1.25E+05
06/10/96	3.21E+06	6.08E+06	1.23E+04	1.77E+06	2.50E+06	7.98E+06	3.10E+06	4.98E+06
06/11/96	4.29E+06	6.14E+06	1.30E+06	1.37E+06	8.19E+06	8.45E+06	6.73E+06	1.68E+05
06/12/96	3.17E+06	5.72E+06	6.02E+05	1.39E+06	7.87E+06	8.42E+06	5.17E+06	4.12E+05
06/13/96	3.73E+06	5.85E+06	7.85E+05	1.54E+06	7.45E+06	8.03E+06	1.36E+06	6.42E+05
06/14/96	3.76E+06	5.71E+06	9.11E+05	1.37E+06	7.47E+06	8.03E+06	5.47E+06	4.39E+05
06/15/96	3.99E+06	5.95E+06	6.66E+05	1.64E+06	7.58E+06	8.14E+06	7.06E+06	3.86E+05
06/16/96	3.98E+06	6.01E+06	4.59E+05	1.96E+06	7.58E+06	8.23E+06	7.01E+06	4.02E+05
06/17/96	4.72E+06	6.13E+06	7.85E+05	1.40E+06	7.71E+06	8.20E+06	1.24E+06	5.40E+05
06/18/96	4.21E+06	6.28E+06	1.05E+06	1.44E+06	8.07E+06	8.30E+06	7.41E+06	1.53E+05
06/19/96	4.01E+06	5.91E+06	9.64E+05	1.39E+06	8.11E+06	8.46E+06	7.39E+06	3.04E+05
06/20/96	2.86E+06	5.93E+06	2.18E+04	1.41E+06	7.87E+06	8.46E+06	3.10E+06	1.40E+06
06/21/96	3.95E+06	6.03E+06	6.43E+05	1.64E+06	7.82E+06	8.48E+06	3.78E+06	5.08E+05
06/22/96	3.77E+06	6.08E+06	9.50E+04	1.40E+06	6.78E+06	8.48E+06	3.10E+06	3.39E+06
06/23/96	3.59E+06	6.00E+06	6.54E+05	1.73E+06	-3.10E+06	-3.10E+06	3.10E+06	5.39E+02
06/24/96	4.46E+06	6.15E+06	1.41E+06	1.23E+06	8.45E+05	8.31E+06	3.10E+06	5.29E+06
06/25/96	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
06/26/96	1.19E+06	4.22E+06	4.60E+05	8.09E+05	8.19E+06	8.78E+06	7.56E+06	2.21E+05
06/27/96	1.97E+06	5.42E+06	9.04E+04	1.45E+06	8.37E+06	9.13E+06	1.05E+06	5.69E+05
06/28/96	3.78E+06	2.31E+07	5.11E+05	2.13E+06	8.48E+06	9.26E+06	5.03E+06	4.93E+05
06/29/96	4.29E+06	6.34E+06	7.02E+05	1.77E+06	8.43E+06	9.27E+06	4.11E+06	5.35E+05
06/30/96	4.28E+06	6.39E+06	1.22E+06	1.47E+06	8.54E+06	9.29E+06	7.26E+06	4.48E+05

Headspace Grab Sample Results

Date:	SILO 1	SILO 2
06/03/96	5.60E+05	5.17E+06
06/07/96	4.59E+05	4.68E+05
06/11/96	6.28E+06	5.09E+06
06/13/96	8.55E+05	5.86E+06
06/17/96	4.77E+06	5.15E+06
06/20/96	1.69E+06	5.00E+06
06/26/96	n/a	6.49E+06
06/28/96	5.72E+06	5.44E+06

STANDARD LEGEND:

1. All values reported in pCi/L.
2. Data reported to three significant digits to remain consistent with the calibration data.
3. Shaded Cells indicate partial/complete data loss due to equipment malfunction.
4. Negative date (-) is a result of inoperable units or loss of flow. Data is unusable.

**CONSOLIDATED CONSENT AGREEMENT / FEDERAL FACILITY COMPLIANCE AGREEMENT/
FEDERAL FACILITY AGREEMENT MONTHLY PROGRESS REPORT**

MONTH: JUNE
YEAR: 1996

FACILITY: Fernald Environmental Management Project
U.S. Department of Energy
7400 Willey Road, P.O. Box 538704
Cincinnati, Ohio 45253 Hamilton

**SELECTED ENVIRONMENTAL MONITORING
RADON CONCENTRATIONS REPORT**

Report Generated:
07/19/96

Daily Averages	AMS 5	AMS 6	PILOT PLANT WAREHOUSE	BKGD 1 (Fairfield)	BKGD 2 (Miamitown)	K65,NW	K65,SW	K65,NE	K65,SE
	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)
06/01/96	0.7	0.8	0.6	N/A (b)	0.5	1.4	1.8	N/A (b)	5.3
06/02/96	0.4	0.5	0.3	N/A (b)	0.4	0.7	0.7	N/A (b)	0.6
06/03/96	0.4	0.5	0.3	N/A (b)	0.4	1.0	1.1	2.5	1.1
06/04/96	0.5	0.6	0.4	N/A (b)	0.4	3.0	3.0	5.7	3.8
06/05/96	0.5	0.6	0.5	N/A (b)	0.5	1.5	1.8	4.6	2.5
06/06/96	0.6	0.8	0.5	N/A (b)	0.5	2.0	2.8	9.6	6.2
06/07/96	0.4	0.5	0.3	N/A (b)	0.4	1.1	1.0	2.7	1.2
06/08/96	0.5	0.6	0.4	N/A (b)	0.4	2.0	4.3	2.6	2.2
06/09/96	0.5	0.6	0.3	N/A (b)	0.4	3.0	3.3	1.7	1.1
06/10/96	0.4	0.5	0.3	0.8	0.4	2.7	2.0	2.0	1.3
06/11/96	0.4	0.5	0.4	0.7	0.4	1.6	1.1	1.3	0.9
06/12/96	0.5	0.6	0.5	0.8	0.5	2.6	2.1	5.5	3.4
06/13/96	0.6	0.7	0.5	0.8	0.6	1.4	1.8	6.3	2.8
06/14/96	0.7	0.7	0.6	0.9	0.5	1.5	1.6	6.5	3.5
06/15/96	0.6	0.6	0.5	0.8	0.4	2.1	2.3	8.6	5.0
06/16/96	0.8	0.9	0.7	0.9	0.6	1.8	2.0	9.2	5.2
06/17/96	0.9	1.0	0.7	1.2	0.6	2.2	2.2	9.4	3.7
06/18/96	0.7	0.8	0.6	N/A (b)	0.6	1.6	1.9	7.3	3.6
06/19/96	0.6	0.7	0.6	N/A (b)	0.5	2.2	2.7	6.3	3.3
06/20/96	0.5	0.6	0.4	N/A (b)	0.5	1.2	1.3	3.4	2.2
06/21/96	0.6	0.7	0.5	N/A (b)	0.5	1.9	1.4	6.9	2.7
06/22/96	0.6	0.8	0.5	N/A (b)	0.6	1.4	1.6	6.7	2.9
06/23/96	0.6	0.6	0.5	N/A (b)	0.5	1.0	1.6	1.9	1.6
06/24/96	0.6	0.6	0.5	0.9 (b)	0.5	1.6	1.8	9.3	4.5
06/25/96	0.5	0.5	0.4	N/A (b)	0.5	0.8	0.9	1.4	1.2
06/26/96	0.7	0.8	0.5	N/A (b)	0.5	1.4	2.4	2.6	2.6
06/27/96	0.9	1.0	0.7	N/A (b)	0.6	1.5	1.7	6.3	5.1
06/28/96	1.0	1.1	0.7	N/A (b)	0.7	1.6	2.0	7.7	4.8
06/29/96	1.0	1.0	0.9	N/A (b)	0.7	1.4	1.8	6.4	5.2
06/30/96	0.9	0.9	1.1	N/A (b)	0.6	1.8	2.3	10.8	5.0

Monthly Statistics

	AMS 5	AMS 6	PILOT	BKGD 1	BKGD 2	K65,NW	K65,SW	K65,NE	K65,SE
AVERAGE:	0.6	0.7	0.5	0.9	0.5	1.7	1.9	5.6	3.1
MAXIMUM:	1.0	1.1	1.1	1.2	0.7	3.0	4.3	10.8	6.2
MINIMUM:	0.4	0.5	0.3	0.7	0.4	0.7	0.7	1.3	0.6
MEDIAN:	0.6	0.7	0.5	0.0	0.5	1.6	1.8	6.0	3.1
STD. DEV:	0.2	0.2	0.2	0.1	0.1	0.6	0.7	2.8	1.6

STANDARD LEGEND: 1. "(a)" indicates censored data due to erroneous readings from the monitoring equipment.
2. "(b)" indicates partial or complete data loss due to monitor malfunction.
3. "(c)" indicates partial or complete data loss due to programming error in monitor.