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**ADMINISTRATIVE RECORD UNITED STATES
DEPARTMENT OF ENERGY - TRANSMITTAL NO.
46**

12/20/93

**DOE-0638-94
DOE-FN/USEPA
8
LETTER**



Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

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DEC 20 1993
DOE-0638-94

Mr. James A. Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V - 5HRE-8J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

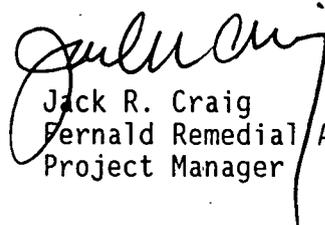
Dear Mr. Saric:

ADMINISTRATIVE RECORD UNITED STATES DEPARTMENT OF ENERGY - TRANSMITTAL NO. 46

This letter transmits one hundred and forty-five (145) enclosures to be included in your Administrative Record (AR). This transmittal should bring your AR up-to-date with the Fernald Field Office (FN) copy. Also enclosed is an updated index for placement in your AR file.

If you or your staff have any questions, please contact Johnny Reising at (513) 648-3139.

Sincerely,


Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Reising

Enclosures: As Stated

cc w/enc:

G. E. Mitchell, OEPA-Dayton
G. Ossmann, Parsons

cc w/o enc:

P. E. Mohr, FERMCO

Title of Description

1. DOE-FN LETTER: DOE-2322-93 Toxic Chemical Release Inventory - Fernald Environmental Management Project (G-000-101.59)
2. DOE-FN LETTER: DOE-3084-93 Submittal of the Radiological Addendum to the 1992 Resource Conservation and Recovery Act Annual Report: Supplementary Groundwater Monitoring Information Section (G-000-102.113)
3. 1992 RCRA Annual Report Supplementary Groundwater Monitoring Information Section Update Radiological Addendum September 1993 (G-000-102.114)
4. DOE-FN LETTER: DOE-0185-94 Fernald Environmental Management Project's Conceptual Site Treatment Plan (G-000-102.115)
5. DOE-FN LETTER: DOE-0183-94 Fernald Environmental Management Project's Conceptual Site Treatment Plan (G-000-102.116)
6. Conceptual Site Treatment Plan Fernald Environmental Management Project (G-000-102.117)
7. DOE-FN LETTER: DOE-2703-93 Comprehensive Monitoring Evaluation Inspection (G-000-103.53)
8. Renewal of Permits to Operate-Nine Storage Tanks-at the FEMP (OEPA) NO. 1431110128 T062, T063, T064, T065, T066, T068, T069, T070, T071 (G-000-104.75)
9. Renewal of Permits to Operate-Thirteen Storage Tanks-at the FEMP (OEPA) NO. 1431110128 T021, T022, T023, T024, T025, T026, T027, T102, T103, T104, T106, T107, and T127 (G-000-104.76)
10. Renewal of Permits to Operate at the Fernald Environmental Management Project OEPA ID NOS. 1431110128 T096, T097, T098, T099 and T100 (G-000-104.77)
11. Renewal of Permits to Operate at the Fernald Environmental Management Project OEPA ID NOS. 1431110128 T028, T029, T030, T031, T032, T033, and T034 (G-000-104.78)
12. Permit to Operate Application - Cissel Non-Radiologically Contaminated Clothes Dryer at the Fernald Environmental Management Project (OEPA) NO. 1431110128 P287-FEMP ID NO. 11-005 (G-000-104.79)
13. Final Safety Analysis Report FMPC Waste Storage Area (G-000-105.54)
14. Categorical Exclusion Determination - In Situ Horizontal Grout Barrier Demonstration, Phases I and II NEPA DOC. NO. 432 (G-000-108.18)
15. Categorical Exclusion Determination - Radiological Checkpoint Awning NEPA DOC. NO. 434 (G-000-108.19)
16. Categorical Exclusion Determination - Radiological Control Point Facilities NEPA DOC. NO. 435 (G-000-108.20)
17. DOE-FN LETTER: DOE-0228-93 Submittal of Revisions to the Sitewide Comprehensive Environmental Response Compensation and Liability Act Quality Assurance Project Plan (G-000-303.64)
18. DOE-FN LETTER: DOE-0136-94 Clarification to the Approved Document Change Request for the Feasibility Study Work Plan (G-000-408.5)
19. Director's Final Finding and Orders (G-000-703.6)
20. DOE-FN LETTER: DOE-3015-93 Director's Findings and Orders (G-000-703.7)
21. Stipulated Amendment to Consent Decree Entered December 2, 1988, and Settlement of Charges in Contempt (G-000-704.10)

22. DOE-FN LETTER: DOE-2307-93 Drummed HF Residue/Associated Storage Areas Northwest of Plant 4 Closure Plan Information and Data Notice of Deficiencies (G-000-705.60)
23. Closure Plan Information and Data for the Drummed HF Residue/Associated Storage Areas NW of Plant 4 (G-000-705.61)
24. OEPA LETTER: Closure Plan U.S. Department of Energy-Fernald Environmental Management Project OH6 890 008 976 05/31/0681 (G-000-705.62)
25. DOE-FN LETTER: DOE-3131-93 Transmittal of the Closure Report for Underground Storage Tanks 11, 12, and 13 (G-000-705.63)
26. Report of Permanent Closure of UST Systems for Fernald Environmental Management Project Fernald, Ohio August 1993 (G-000-705.64)
27. DOE-FN LETTER: DOE-3132-93 Transmittal of the Closure Report for Underground Storage Tanks 1, 2, 8, 9 and 10 (G-000-705.65)
28. Report of Permanent Closure of UST Systems for Fernald Environmental Management Project Fernald, Ohio June 1993 (G-000-705.66)
29. DOE-FN LETTER: DOE-0120-94 Closure Plan Information and Data for Bulk Storage Tanks T5, & T6, Storage Pad North of Plant 6, North and South Solvent Tanks, and Trane Thermal Liquid Waste Incinerator (G-000-705.67)
30. OEPA LETTER: Cost Recovery Grant (G-000-708.62)
31. DOE-FN LETTER: DOE-2005-93 Identification of Natural Resource Trustees (G-000-710.18)
32. DOE-FN LETTER: DOE-2005-93 Identification of Natural Resource Trustees (G-000-710.19)
33. DOE-FN LETTER: DOE-2005-93 Identification of Natural Resource Trustees (G-000-710.20)
34. DOE-FN LETTER: DOE-2005-93 Identification of Natural Resource Trustees (G-000-710.21)
35. Federal Facility Agreement for Control and Abatement of Radon-222 Emissions (G-000-710.22)
36. Consolidated Consent Agreement/Federal Facility Compliance Agreement/Federal Facility Agreement for Control and Abatement of Radon-222 Emissions Monthly Progress Report Period Ending September 30, 1993 (G-000-711.76)
37. Agenda and Overheads from the Community Meeting of October 21, 1993 Fernald Environmental Management Project (G-000-1005.51)
38. DOE-FN LETTER: DOE-0233-94 Information from the October 21, Community Meeting (1993) (G-000-1005.52)
39. Sign-In Sheet from the Community Meeting of October 21, 1993 Fernald Environmental Management Project (Confidential) (G-000-1005.53)
40. Fernald Project Cleanup Report October 1993 (G-000-1006.59)
41. Progress Report Operable Unit 1 - Waste Pit Area October 1993 (G-000-1006.60)
42. Progress Report Operable Unit 2 - Other Waste Units October 1993 (G-000-1006.61)
43. Progress Report Operable Unit 3 - Production Area October 1993 (G-000-1006.62)

44. Progress Report Operable Unit 4 - Silos 1-4 October 1993 (G-000-1006.63)
45. Progress Report Operable Unit 5 - Environmental Media October 1993 (G-000-1006.64)
46. Fernald Site Conditions Fernald Environmental Management Project October 1993 (G-000-1006.65)
47. Selecting the Cleanup Strategy Under Superfund Fernald Environmental Management Project October 1993 (G-000-1006.66)
48. Environmental Monitoring Fernald Environmental Management Project October 1993 (G-000-1006.67)
49. Technology and Fernald Environmental Management Project October 1993 (G-000-1006.68)
50. Fernald Site Characterization Fernald Environmental Management Project October 1993 (G-000-1006.69)
51. Public Participation Fernald Environmental Management Project October 1993 (G-000-1006.70)
52. The Public Environmental Information Center Fernald Environmental Management Project October 1993 (G-000-1006.71)
53. Hazardous Materials at Fernald Fernald Environmental Management Project October 1993 (G-000-1006.72)
54. Principal Laws and Regulations Affecting the Cleanup Program Fernald Environmental Management Project October 1993 (G-000-1006.73)
55. Fernald and the National Environmental Policy Act Fernald Environmental Management Project October 1993 (G-000-1006.74)
56. Waste Forms at Fernald Fernald Environmental Management Project October 1993 (G-000-1006.75)
57. DOE-FN LETTER: DOE-0180-94 Administrative Record United States Department of Energy, Fernald Field Office-Transmittal Number 45 (G-000-1009.40)
58. DOE-FN LETTER: DOE-3152-93 Transmittal of "Paddy's Run Flow and Infiltration Model Report: Description and Results (Preliminary)"; "Development and Application of the Ectran Model to Support RI/FS at the FEMP"; "Glacial Overburden/Upper Great Miami Aquifer Modeling Improvement" (U-003-303.39)
59. DOE-FN LETTER: DOE-3150-93 Operable Unit 1 Remedial Investigation Report (U-003-304.1)
60. Remedial Investigation Report for Operable Unit 1 Volume 1 Executive Summary and Sections 1-7 Text, Tables and Figures October 1993 (U-003-304.2)
61. Remedial Investigation Report for Operable Unit 1 Volume 2 Appendix A October 1993 (U-003-304.3)
62. Remedial Investigation Report for Operable Unit 1 Volume 3 Appendix B October 1993 (U-003-304.4)
63. Remedial Investigation Report for Operable Unit 1 Volume 4 Appendix B (cont.) and Appendix C October 1993 (U-003-304.5)
64. Remedial Investigation Report for Operable Unit 1 Volume 5 Appendices D and E October 1993 (U-003-304.6)

65. Remedial Investigation Report for Operable Unit 1 Volume 6 Appendices F and G October 1993 (U-003-304.7)
66. DOE-FN LETTER: DOE-2698-93 Operable Unit 1 Data Validation Information (U-003-306.20)
67. DOE-FN LETTER: DOE-0207-94 Operable Unit 1 Comprehensive Response Action Risk Evaluation Revision (U-003-404.1)
68. DOE-FN LETTER: DOE-3083-93 Initial Screening Results for Operable Unit 1 Feasibility Study (U-003-408.14)
69. DOE-FN LETTER: DOE-2971-93 RE: Fernald Operable Unit 2 Treatability Study: Path Forward (U-004-303.10)
70. FERMCO LETTER: C:RP(PR):93-1414 Plant 1 Ore Silos (R-019-303.1)
71. Plant 1 Ore Silos Statement of Work for Southwest Silo Tile Repair Operable Unit 3 Removal Action 13 September 1993 Revision 0 (R-019-303.2)
72. Plant 1 Ore Silos Performance Specifications for Disassembly and Packaging Operable Unit 3 Removal Action 13 September 1993 Revision (R-019-303.3)
73. Wind Load Analysis on Tall Tile Silos with Removal of Connecting Platform Plant 1 Ore Silos Operable Unit 3 Removal Action 13 September 1993 Revision 0 (R-019-303.4)
74. Low Level Radioactive Waste Shipping Documentation to the Nevada Test Site Removal Action Number 9 Removal of Waste Inventories January 1993 June 1993 (R-020-712.4)
75. FERMCO LETTER: C:RP(PR):93-0161 Updating of Asbestos Removal: FEMP-93-001, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.60)
76. FERMCO LETTER: C:RP(PR):93-0164 Updating of Asbestos Removal: FEMP-93-001, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.61)
77. FERMCO LETTER: C:RP(PR):93-0165 Amended Notification of Asbestos Removal: FEMP-93-001A (R-030-103.62)
78. FERMCO LETTER: C:RP(PR):93-0166 Updating of Asbestos Removal: FEMP-93-001, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.63)
79. FERMCO LETTER: C:RP(PR):93-0167 Notification of Asbestos Removals: Annual Projection of Planned Maintenance Related Asbestos Removals (FEMP 94-001) and the Annual Projection of Asbestos Removals Due to Individual Nonscheduled Operations (FEMP 94-Annual) for CY 1994 (R-030-103.64)
80. FERMCO LETTER: C:RP(PR):93-0168 Updating of Asbestos Removal: FEMP-93-001, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.65)
81. FERMCO LETTER: C:RP(PR):93-0171 Updating of Asbestos Removal: FEMP-93-001A, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.66)
82. FERMCO LETTER: C:RP(PR):93-0175 Updating of Asbestos Removal: FEMP-93-001, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.67)

83. FERMCO LETTER: C:RP(PR):93-0177 Updating of Asbestos Removal: FEMP-93-001, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.68)
84. FERMCO LETTER: C:RP(PR):93-0180 Updating of Asbestos Removal: FEMP-93-001, Annual Projection of Planned Maintenance Related Asbestos Removals for CY 1993 (R-030-103.69)
85. Ohio EPA: OEPA Letter: Comments on the FEMP Asbestos Program Procedures Update (R-030-207.6)
86. DOE-FN LETTER: DOE-0016-94 Removal Action Number 28, Contamination at the Fire Training Facility, Response to Comments and Final Work Plan Submittal (R-032-204.3)
87. Contamination at the Fire Training Facility Removal Action Work Plan and Closure Plan Information and Data Package September 1993 (R-032-204.4)
88. DOE-FN LETTER: DOE-0022-94 Removal Action Number 28, Contamination at the Fire Training Facility, Responses to Comments and Final Work Plan Submittal (R-032-208.1)
89. Responses to U.S. EPA and Ohio EPA Comments Contamination at the Fire Training Facility Removal Action Work Plan and Closure Plan Information and Data Package September 1993 (R-032-208.2)
90. DOE-FN LETTER: DOE-0330-94 Re-Transmittal of Nitric Acid Tank Car Removal/Closure Action Final Report (R-035-209.1)
91. DOE-FN LETTER: DOE-0331-94 Final Report for Removal Action Work Plan/Closure Plan Information and Data Package for Removal Action Number 25, Nitric Acid Tank Car and Area (R-035-209.2)
92. Nitric Acid Tank Car and Area Removal Action and Closure Final Report October 1993 (R-035-209.3)
93. OEPA LETTER: OEPA Approval of Removal Action 19- Plant 7 Dismantling Work Plan (R-037-207.5)
94. DOE-FN LETTER: DOE-2981-93 Removal Action 19, Plant 7 Dismantling, Removal Action Work Plan (R-037-208.2)
95. DOE-FN LETTER: DOE-3094-93 Removal Action Memorandum-Southwest Office Trailer Drainage (U-005-201.72)
96. DOE-FN LETTER: DOE-0083-94 Removal Action Memorandum-Heating and Ventilation Improvements in Building 12A (U-005-201.73)
97. DOE-FN LETTER: DOE-0084-94 Removal Action Memorandum-Radiological Control Unit Facilities (U-005-201.74)
98. Removal Site Evaluation Southwest Office Trailer Drainage September 1993 (U-005-202.74)
99. Removal Site Evaluation Radiological Control Unit Facilities Project September 1993 (U-005-202.75)
100. Removal Site Evaluation Heating and Ventilation System Improvements in Building 12A September 1993 (U-005-202.76)
101. OEPA LETTER: OEPA Comments on the O.U. 3 Proposed Plan (U-005-407.14)
102. USEPA LETTER: Disapproval of the Proposed Plan for the Interim Record of Decision for OU #3 (U-005-407.15)
103. DOE-FN LETTER: DOE-0021-94 Operable Unit 4 Silos 2 Camera Installation/Bentonite Inspection Work Plan (R-008-204.11)

104. FERMCO LETTER: C:OP:93-1284 K-65 Silos-Headspace Radon Concentration (R-008-206.6)
105. USEPA LETTER: Disapproval of the OU 4 Remedial Investigation Report (U-006-305.32)
106. OEPA LETTER: Conditional Approval of Revised Operable Unit 4 Remedial Investigation Report (U-006-305.33)
107. USEPA LETTER: Conditional Approval of the OU 4 Remedial Investigation Report (U-006-305.34)
108. DOE-FN LETTER: DOE-0182-94 Responses to Operable Unit 4 Remedial Investigation Report Original Comments #12, #13, and #19 (U-006-306.24)
109. Topographic Survey and Geotechnical Investigation FMPC Water Pollution Control Fernald Ohio (U-006-307.18)
110. Operable Unit 4 Treatability Study Report for the Vitrification of Residues from Silos 1, 2, and 3 May 1993 (U-006-409.1)
111. DOE-FN LETTER: DOE-0245-94 Operable Unit 4 Remedial Investigation/Feasibility Study Schedule (U-006-707.1)
112. USEPA LETTER: Approval of Plant 8 Sampling Plan Addendum (R-002-207.16)
113. Additional Investigation of the South Plume Removal Action Wells and Their Impacts on the PRRS Groundwater Plume (R-009-107.1)
114. DOE-FN LETTER: DOE-0161-94 Addendum to the South Groundwater Contamination Plume Removal Action, Parts 2 and 3 Work Plan (R-009-204.35)
115. Addendum NO. 1 to the South Groundwater Contamination Plume Removal Action Parts 2 and 3 Work Plan October 1993 (R-009-204.36)
116. USEPA LETTER: Approval of South Plume Groundwater Pump Test Report (R-009-207.71)
117. OEPA LETTER: Ohio EPA Conditional Approval of the South Plume Regional Action Pumping Test Report (R-009-207.72)
118. FERMCO LETTER: C:OP:93-1290 Completion of Consent Agreement Milestone-Complete Construction of Removal Action NO. 3 - Part 2 (R-009-209.1)
119. DOE-FN LETTER: DOE-2102-93 Information Submittal Under Paragraph XIII (B) of the CERCLA Consent Agreement-Collect Uncontrolled Production Area Stormwater Runoff (Removal Action 16) (R-027-104.1)
120. OEPA LETTER: OEPA Comments on the Termination of the KC-2 Warehouse Well Removal Action (R-039-207.1)
121. DOE-FN LETTER: DOE-3101-93 Termination of the KC-2 Warehouse/Well NO. 67, Removal Action Fact Sheet (R-039-209.1)
122. Abandonment and Plugging of the KC-2 Warehouse/Well NO. 67 Removal Action Fact Sheet August 30, 1993 (R-039-209.2)
123. DOE-FN LETTER: DOE-3004-93 Operations and Maintenance Plan for the Fernald Environmental Management Project Monitoring Well Network (U-007-101.85)
124. Operations and Maintenance Plan for the FEMP Monitoring Well Network (U-007-101.86)
125. DOE-FN LETTER: DOE-0173-94 Transmittal of Responses to Risk Assessment Comments on the Report "Characterization of Background Water Quality for Streams and Groundwater" (U-007-105.7)

126. DOE-FN LETTER: DOE-2997-93 Transmittal of Responses to USEPA Comments on the Groundwater Modeling Evaluation Report and Improvement Plan (U-007-105.10)
127. DOE-3034-93 Transmittal of Responses to OEPA Comments on the Groundwater Modeling Report-Summary of Model Development (U-007-105.11)
128. Groundwater Model Improvement Summary Letter Report - Model Grid Design October 1993 (U-007-105.12)
129. USEPA LETTER: Responses to Comments on the Groundwater Modeling Evaluation Report and Improvement Plan (U-007-105.13)
130. USEPA LETTER: Approval of Characterization of Background Stream and Groundwater Responses to Comments (U-007-105.14)
131. DOE-FN LETTER: DOE-0186-94 Transmittal of "Groundwater Model Improvement Summary Letter Report-Model Grid Design" and "Groundwater Model Improvement Summary Letter Report-Geostatistical Analysis of the Great Miami Aquifer Water Levels and Uranium Concentrations" (U-007-105.16)
132. ARMY LETTER: Army CORP of Engineers Response to the FEMP "Wetlands Delineation Report" (U-007-107.5)
133. Categorical Exclusion Determination - FEMP Public Water Supply Tap-in NEPA DOC. NO. 433 (U-007-108.6)
134. Groundwater Model Improvement Summary Letter Report - Geostatistical Analysis of the Great Miami Aquifer Water Levels and Uranium Concentrations (U-007-301.5)
135. Paddys Run Flow and Infiltration Model Report: Description and Results August 1993 (U-007-303.40)
136. Development and Application of the Ectran Model to Support the RI/FS at the FEMP September 1993 (U-007-303.41)
137. Glacial Overburden/Upper Great Miami Aquifer Modeling Improvement Technical Approach/Work Plan (U-007-303.42)
138. DOE-FN LETTER: DOE-0155-94 Transmittal of the Revised PSP for Operable Unit 5: Routine Groundwater Monitoring Program Along the Downgradient Boundary of the FEMP (U-007-303.43)
139. Project Specific Plan for the Routine Groundwater Monitoring Program Along the Downgradient Boundary of the FEMP Revision 1 October 1993 (U-007-303.44)
140. USEPA LETTER: Approval of the Glacial Till/Vadose Zone Work Plan (U-007-303.50)
141. USEPA LETTER: Ecological Risk Assessment Strategy (U-007-305.51)
142. OEPA LETTER: Ohio EPA Comments on PSPS for Operable Unit 5 (U-007-305.62)
143. DOE-FN LETTER: DOE-3033-93 Transmittal of Responses to the USEPA and OEPA Comments on the PSP for Pilot Plant Drainage Ditch Seepage and Surface Water Background Investigation, May 1993 (U-007-306.22)
144. DOE-FN LETTER: DOE-3037-93 Transmittal of Responses to the USEPA and OEPA Comments on the PSP for the FEMP Trap Range Investigation, June 1993 (U-007-306.23)
145. DOE-FN LETTER: DOE-3093-93 Transmittal of Responses to the USEPA Comments on the PSP for Pilot Plant Drainage Ditch Seepage and Surface Water Background Investigation, May 1993 (U-007-306.24)
146. Updated Administrative Record Index