

280

3-410.1

**REVISED SCHEDULE FOR SUBMITTAL OF DRAFT OPERABLE UNIT 3
IMPLEMENTATION PLANS TO THE U.S. ENVIRONMENTAL PROTECTION
AGENCY AND THE OHIO ENVIRONMENTAL PROTECTION AGENCY**

05/17/96

**DOE-0904-96
DOE-FN EPAS
5
LETTER**



Department of Energy

**Ohio Field Office
Fernald Area Office
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155**



**MAY 17 1996
DOE-0904-96**

**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:

REVISED SCHEDULE FOR SUBMITTAL OF DRAFT OPERABLE UNIT 3 IMPLEMENTATION PLANS TO THE U.S. ENVIRONMENTAL PROTECTION AGENCY AND THE OHIO ENVIRONMENTAL PROTECTION AGENCY

In previous discussions, the Department of Energy (DOE) has committed to amend the Operable Unit 3 (OU3) Remedial Design Prioritization and Sequencing Report (PSR, June 1995) schedule for submitting draft implementation plans to the Agencies. This amendment is based on the accelerated remediation scenario which is defined by the Department of Energy, Fernald Area Office (DOE-FN) Fiscal Year (FY) 1996 Baseline. Submittal dates for the draft implementation plans (Enclosure 1) are based on a 60 day review period by the Agencies and coincide with 90 days prior to Notice to Proceed dates. Implementation plan submittal dates would constitute the enforceable milestones of the OU3 remedial design.

The FY 1996 Baseline reflects a somewhat different Decontamination and Dismantlement (D&D) sequence than was presented in the PSR (Enclosure 2). The primary driver for this new sequence is the integration with the Operable Unit 2 (OU2) and Operable Unit 5 (OU5) schedules for soil remediation, construction, and operation of the new On-Site Disposal Facility, and with other operable units as remedial actions begin. Key sequencing changes to date include:

- 1) Subdividing the External Complex and consolidating the three ancillary structures into the Thorium/Plant 9 Complex and the Sewage Treatment Plant Complex;

- 2) **Moving the Boiler Plant/Water Plant Complex ahead of the Thorium/Plant 9 Complex to allow for the completion of thorium overpacking operations; and,**
- 3) **Expediting the removal of the High and Low Temporary Nitrate Tanks from the Liquid Storage Complex to facilitate construction efforts needed at earlier dates by Operable Unit 1 (OU1) and OU2.**

The schedule includes implementation plans related to the D&D of facilities being utilized in the remediation of OU1 and Operable Unit 4 (OU4), such as the Fernald Residues Vitrification Plant (FRVP). However, the OU5 Advanced Wastewater Treatment Plant (AWWT) is not included in this schedule since the D&D of the AWWT is not currently planned until after the 10 year accelerated remediation scenario and is therefore, not included in the FY 1996 Baseline.

The schedule of implementation plan submittals will be reviewed annually as the Fernald Environmental Management Project (FEMP) budget is approved. Any resulting modifications to this schedule will be submitted to the Agencies for approval.

If you or your staff have any questions, please contact John Trygier at (513) 648-3154.

Sincerely,



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

FN:Trygier

Enclosures: As Stated

cc w/encs:

R. L. Nace, EM-423/GTN
G. Jablonowski, USEPA-V, 5HRE-8J
Manager, TPSS/DERR, OEPA-Columbus
F. Bell, ATSDR
D. S. Ward, GeoTrans
R. Vandegrift, ODOH
S. McLellan, PRC
T. Clark, FERMCO/52-3
L. Goidell, FERMCO/52-3
T. Hagen, FERMCO/65-2
L. Hampshire, FERMCO/52-3
J. Harmon, FERMCO/90
S. Houser, FERMCO/52-3
J. Jameson, FERMCO/24
AR Coordinator/7/8

cc w/o encs:

C. Little, FERMCO/2
M. Yates, FERMCO/9

Enclosure 1
Proposed Enforceable Milestones for the OU3 Remedial Action

| Complex | Draft Implementation Plan Submittal Dates |
|---|--|
| Building 4A | 19SEP94 |
| Plant 1 Complex - Phase I | 3NOV95 |
| High and Low Nitrate Tanks | 20FEB96 |
| Boiler Plant/Water Plant Complex | 20SEP96 |
| Thorium/Plant 9 Complex | 6JAN97 |
| Tank Farm Complex | 2JUN97 |
| Sewage Treatment Plant Complex | 1JUL97 |
| Plant 3 Complex | 1JUL97 |
| Plant 5 Complex | 1JUL97 |
| Maintenance Complex | 4JAN98 |
| Plant 2 Complex | 1OCT98 |
| Plant 6 Complex | 1JAN99 |
| Plant 8 Complex | 1APR99 |
| East Warehouse Complex | 1JUL99 |
| Plant 1 Complex - Phase II | 1JUL99 |
| Pilot Plant Complex | 3JAN00 |
| Liquid Storage Complex | 2OCT00 |
| Administration Complex | 3JAN01 |
| General Sump Complex | 1MAR01 |
| Laboratory Complex | 2APR01 |
| Electrical Complex | 2APR01 |
| OU4 Complex | 15JAN03 |
| OU1 Complex | 1APR04 |

| ACTIVITY DESCRIPTION | Fiscal Year | | | | | | | | | | | |
|---------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|--|
| | FY96 | FY97 | FY98 | FY99 | FY00 | FY01 | FY02 | FY03 | FY04 | FY05 | FY06 | |
| SAFE SHUTDOWN | | | | | | | | | | | | |
| PLANT 9 COMPLEX | | | | | | | | | | | | |
| PILOT PLANT COMPLEX | | | | | | | | | | | | |
| PLANT 5 COMPLEX | | | | | | | | | | | | |
| PLANT 2/3 COMPLEX | | | | | | | | | | | | |
| PLANT 6 COMPLEX | | | | | | | | | | | | |
| PLANT 8 COMPLEX | | | | | | | | | | | | |
| OU3 COMPLEX D&D | | | | | | | | | | | | |
| BUILDING 4A | | | | | | | | | | | | |
| PLANT 1 COMPLEX - PHASE I | | | | | | | | | | | | |
| HIGH & LOW NITRATE TANKS D&D | | | | | | | | | | | | |
| BOILER & WATER PLANT COMPLEX | | | | | | | | | | | | |
| THORIUM/PLANT9 COMPLEX | | | | | | | | | | | | |
| TANK FARM COMPLEX | | | | | | | | | | | | |
| SEWAGE TREATMENT PLANT COMPLEX | | | | | | | | | | | | |
| PLANT 3 COMPLEX | | | | | | | | | | | | |
| PLANT 5 COMPLEX | | | | | | | | | | | | |
| MAINTENANCE COMPLEX | | | | | | | | | | | | |
| PLANT 2 COMPLEX | | | | | | | | | | | | |
| PLANT 6 COMPLEX | | | | | | | | | | | | |
| PLANT 8 COMPLEX | | | | | | | | | | | | |
| EAST WAREHOUSE COMPLEX | | | | | | | | | | | | |
| PLANT 1 COMPLEX - PHASE II | | | | | | | | | | | | |
| PLOT PLANT COMPLEX | | | | | | | | | | | | |
| LIQUID STORAGE COMPLEX | | | | | | | | | | | | |
| ADMINISTRATION COMPLEX | | | | | | | | | | | | |
| GENERAL SUMP COMPLEX | | | | | | | | | | | | |
| LABORATORY COMPLEX | | | | | | | | | | | | |
| ELECTRICAL STATION COMPLEX | | | | | | | | | | | | |
| OTHER STRUCTURAL D&D | | | | | | | | | | | | |
| OU4 COMPLEX D&D | | | | | | | | | | | | |
| OU1 COMPLEX D&D | | | | | | | | | | | | |

ACCELERATED CASE BASELINE
SCHEDULE FOR OPERABLE UNIT 3
DISMANTLEMENT

| | | | |
|------|----------|---------|----------|
| Date | Revision | Checked | Approved |
| | | | |
| | | | |
| | | | |

Plot Date 14MAY96
Data Date 10OCT95
Project Start 10OCT95
Project Finish 3FEB95

Activity Bar
Critical Activity
Progress Bar
Milestone/Flag Activity

LHM2

Sheet 1 of 1

(c) Primavera Systems, Inc.