

FERNALD

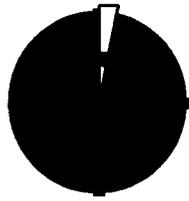
Countdown to Closure

March 8, 2006

Gary Stegner - Introduction

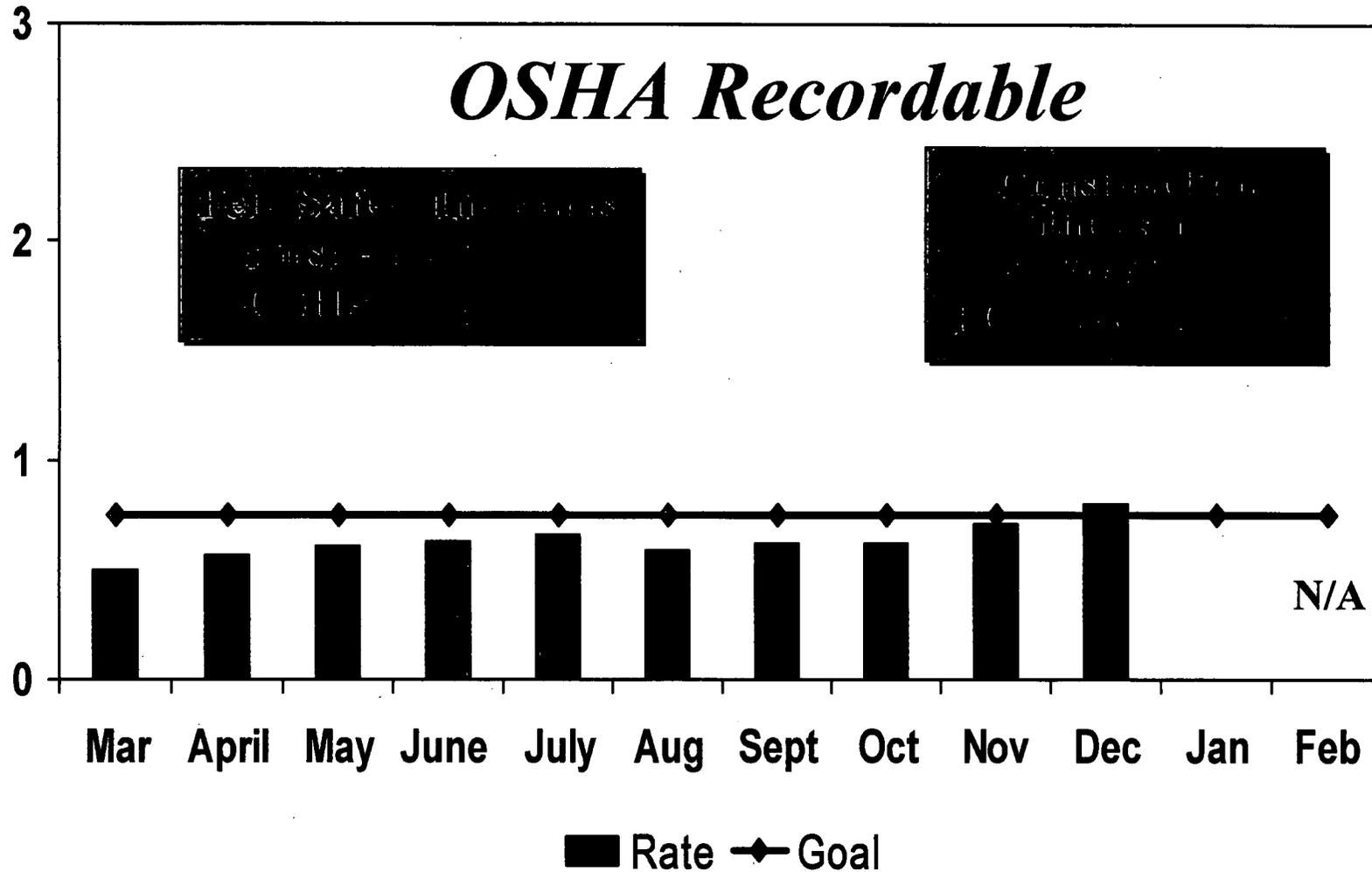
Johnny Reising - Safety
- Project Updates

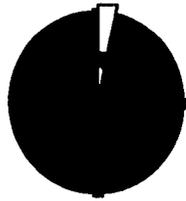
Michele Miller - Legacy Management



SAFETY INCIDENCE RATES

Countdown to Closure – March 2006





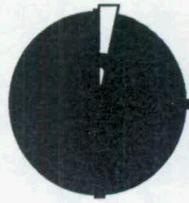
SAFETY INCIDENTENCE RATES

Countdown to Closure - March 2006

	Fluor Fernald Self Perform	Operating Wage	Fluor Fernald & Subcontractors
2002	1.74	2.68	2.06
2003	.69	.63	1.42
2004	.82	.55	.98
2005	.75	.64	.81
2006	.0	.0	.0

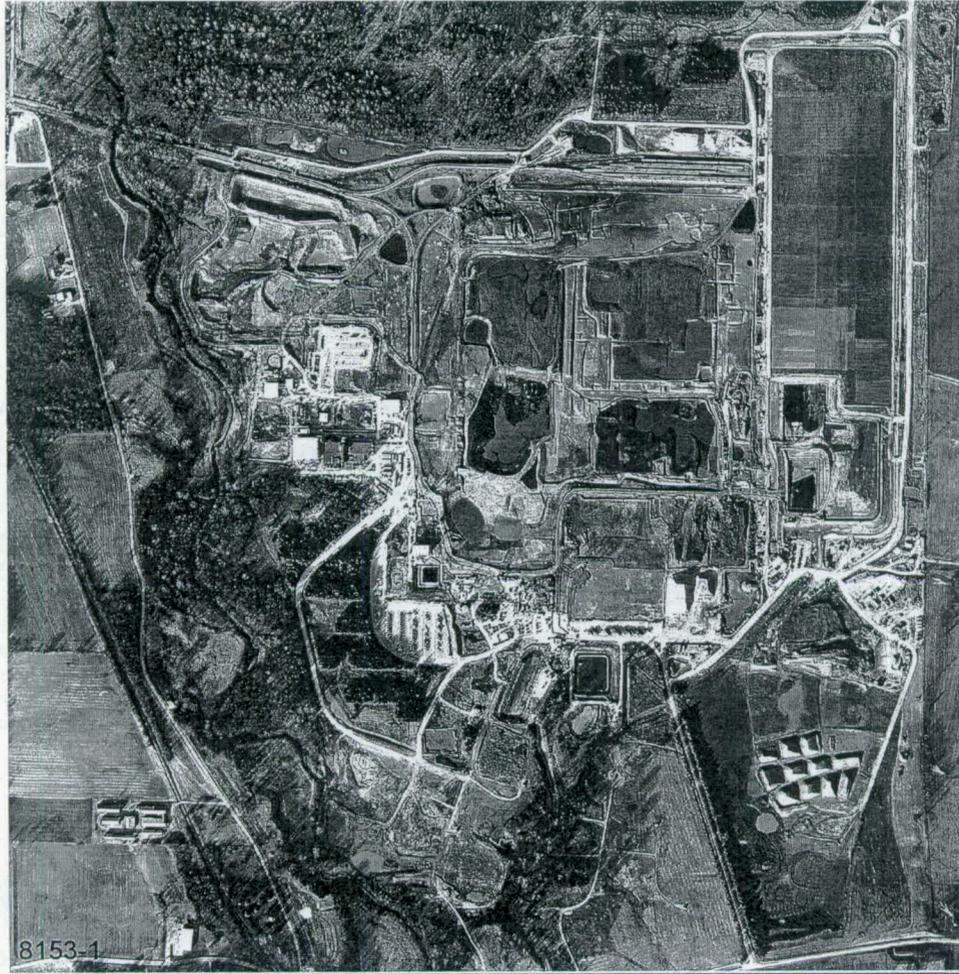
(as of Jan. 2006)



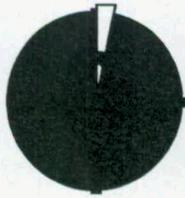


FERNALD CLOSURE PROJECT

Countdown to Closure - March 2006



**January
2006**

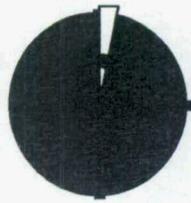


WASTE PITS

Countdown to Closure - March 2006

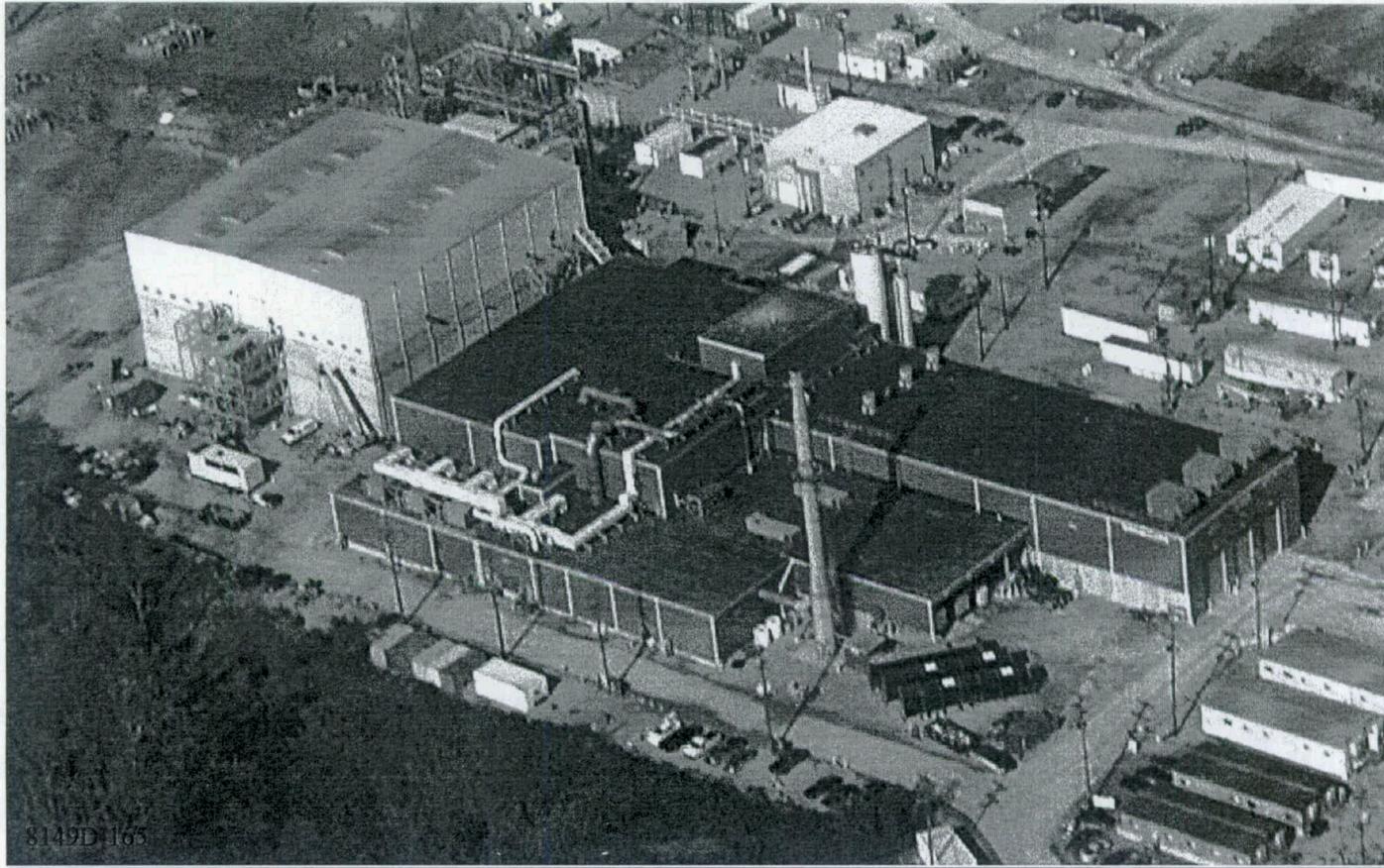


- *Excavated 1 million tons of low-level radioactive waste and transport by rail to Envirocare of Utah*

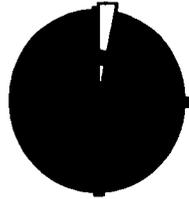


SILOS 1 AND 2

Countdown to Closure - March 2006



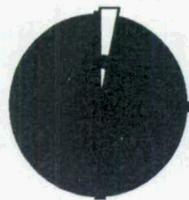
- *Stabilize 8,900 cubic yards of low-level waste, package and ship off site for disposal*



WASTE PITS

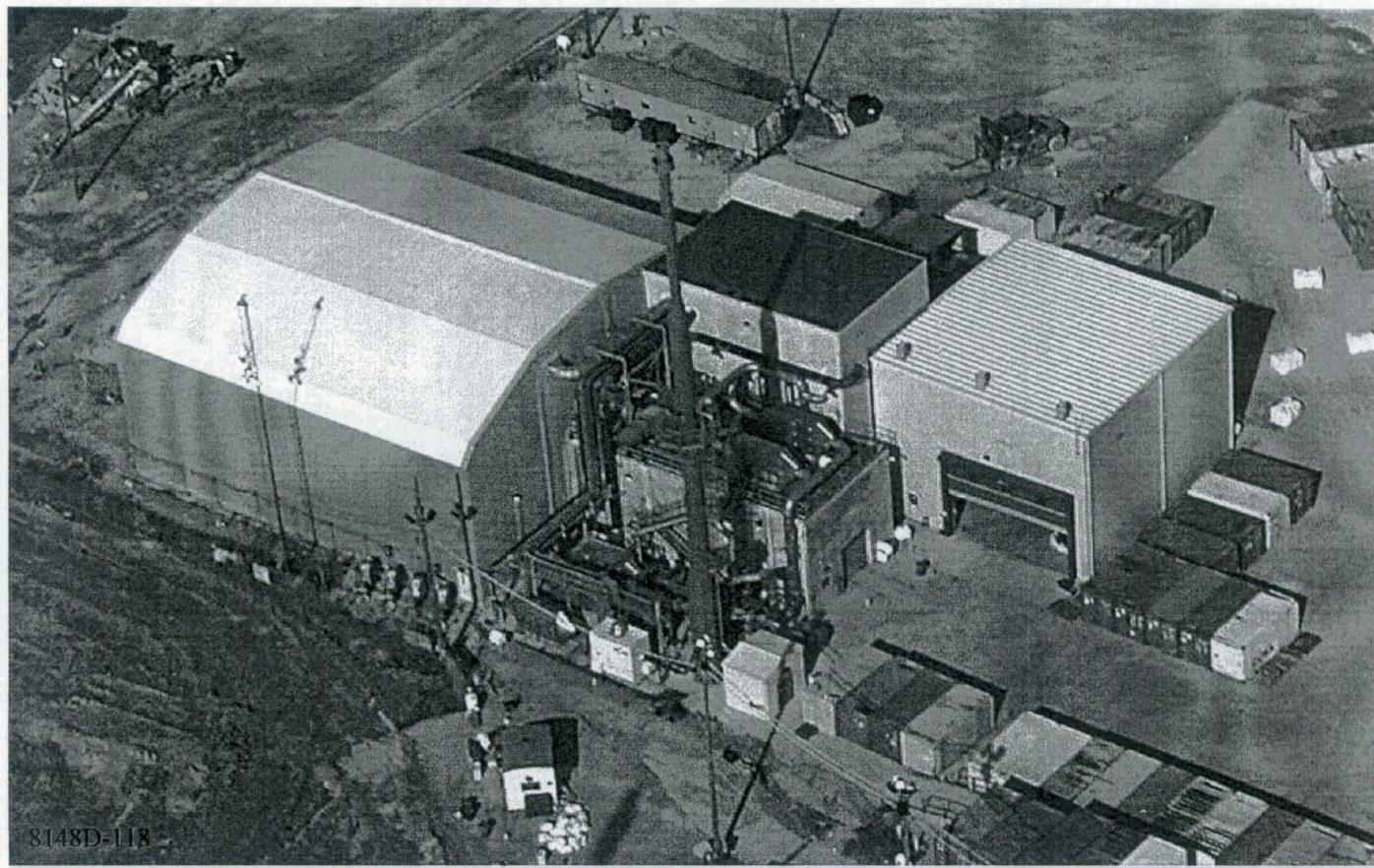
Countdown to Closure - March 2006

Action Items <i>(projected completion)</i>	Status	Issues
Complete		

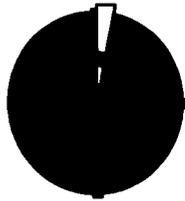


SILO 3

Countdown to Closure - March 2006



- *Remove 5,100 cubic yards of low-level waste, condition, package and ship off site for disposal*



SILOS 1 AND 2

Countdown to Closure – March 2006

Action Items *(projected completion)*

05/06 - Facility demolition
(Treatment, Radon Control System, Transfer Tank Area)

Status *(as of March 7)*

Treatment operations
- started 5/19/05

Containers produced
- 3,599

Waste shipping
- started 6/6/05

Containers shipped
- 3,456

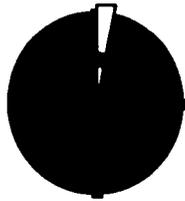
Started Safe Shutdown activities that involve the removal, packaging and shipping of holdup material.

D&D progressing in the Transfer Tank Area (TTA) and other facilities as they become available.

Issues

Packaging remaining material.

Safe transition to D&D.



SILO 3

Countdown to Closure - March 2006

Action Items *(projected completion)*

04/06 - Silo 3 and Treatment
Facility demolition

Status *(as of March 7)*

Extraction/packaging operations
- started 3/25/05

Containers produced
- 2,288

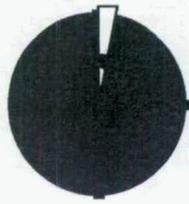
Waste shipping
- started 4/12/05

Containers shipped
- 2,211

Started Safe Shutdown activities
that involve the removal,
packaging and shipping of
holdup material.

Issues

Safe transition to D&D.



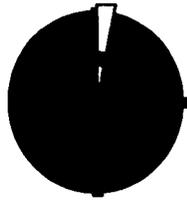
DECONTAMINATION & DEMOLITION

Countdown to Closure – March 2006



7385D-4873

- *Dismantle 259 former production plants, support structures and associated components*



DECONTAMINATION & DEMOLITION

Countdown to Closure - March 2006

Action Items (projected completion)

**04/06 - Silo 3 and Treatment
Facility demolition**

**05/06 - Silos 1 and 2 facility
demolition
(Treatment, Radon Control
System, Transfer Tank Area)**

06/06 - Railroad (Final phase)

Status

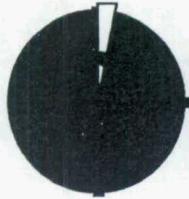
Dismantled 229 of 259 buildings

Dismantled 133 of 179 trailers

**Tapping into Fluor Hanford
staff, recalling experienced craft,
hiring and training additional
staff to support four shifts during
Silos demolition.**

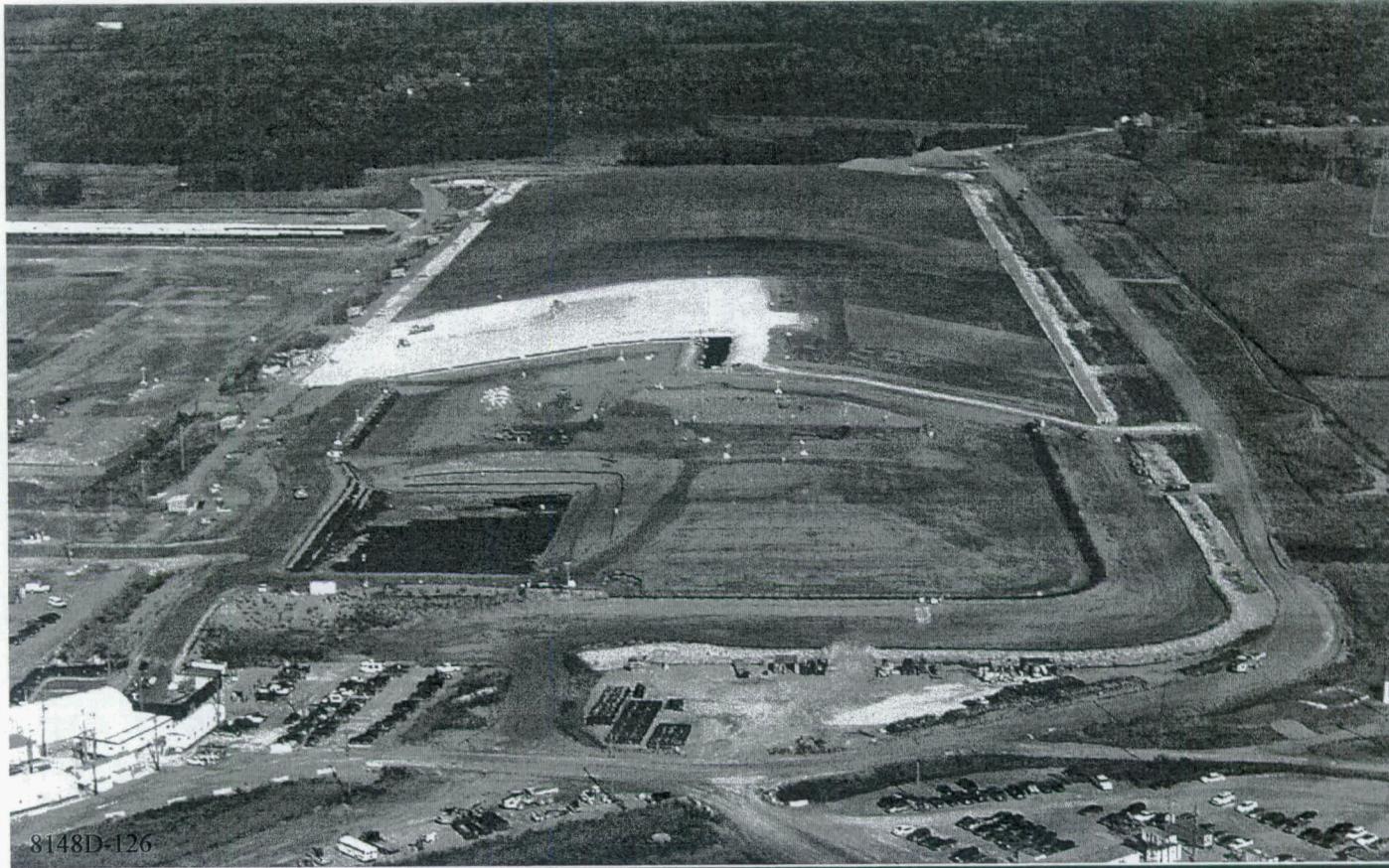
Issues

**Maintain excellent D&D safety
performance while working on an
accelerated schedule and a small
footprint.**

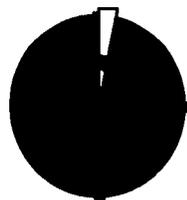


ON-SITE DISPOSAL FACILITY

Countdown to Closure - March 2006



- *Design, construct and operate the 2.9 million cubic yard capacity On-Site Disposal Facility*



ON-SITE DISPOSAL FACILITY

Countdown to Closure - March 2006

Action Items

(projected completion)

04/06 - Cell 8 closure

06/06 - Cell 8 cap construction

Status

Cell 1 - Complete

Cell 2 - Complete

Cell 3 - Complete

Cell 4 - Complete

Cell 5 - Complete

Cell 6 - Complete

Cell 7 - 100 percent filled

Cell 8 - 68 percent filled

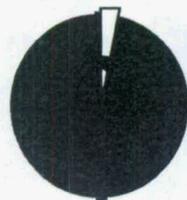
Placed over 2.79 million cubic yards of contaminated soil and debris.

Silos demolition

- Impacted concrete and debris to the OSDF**
- Clean debris to local landfill**
- Clean concrete to be reused for restoration enhancement**
- Clean concrete pad to remain in place for future use**

Issues

Increasing Cell 8 capacity by five percent (20,000 cubic yards).

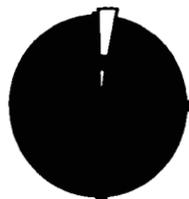


SOILS

Countdown to Closure - March 2006



- *Remediate and dispose of contaminated soil*
- *Certify site as “clean” and perform restoration*



SOILS

Countdown to Closure - March 2006

Action Items

(projected completion)

03/06 - Storm water retention
basins excavation

03/06 - 25 Unit trains of SP-7
above on-site waste
acceptance criteria soil

05/06 - Silos footprint excavation

Status

On-site soil certification:

- 75 percent complete/755 acres

87 acres in certification process

- (Bio-Surge Lagoon, Waste
Pits 4, 5, and 6)

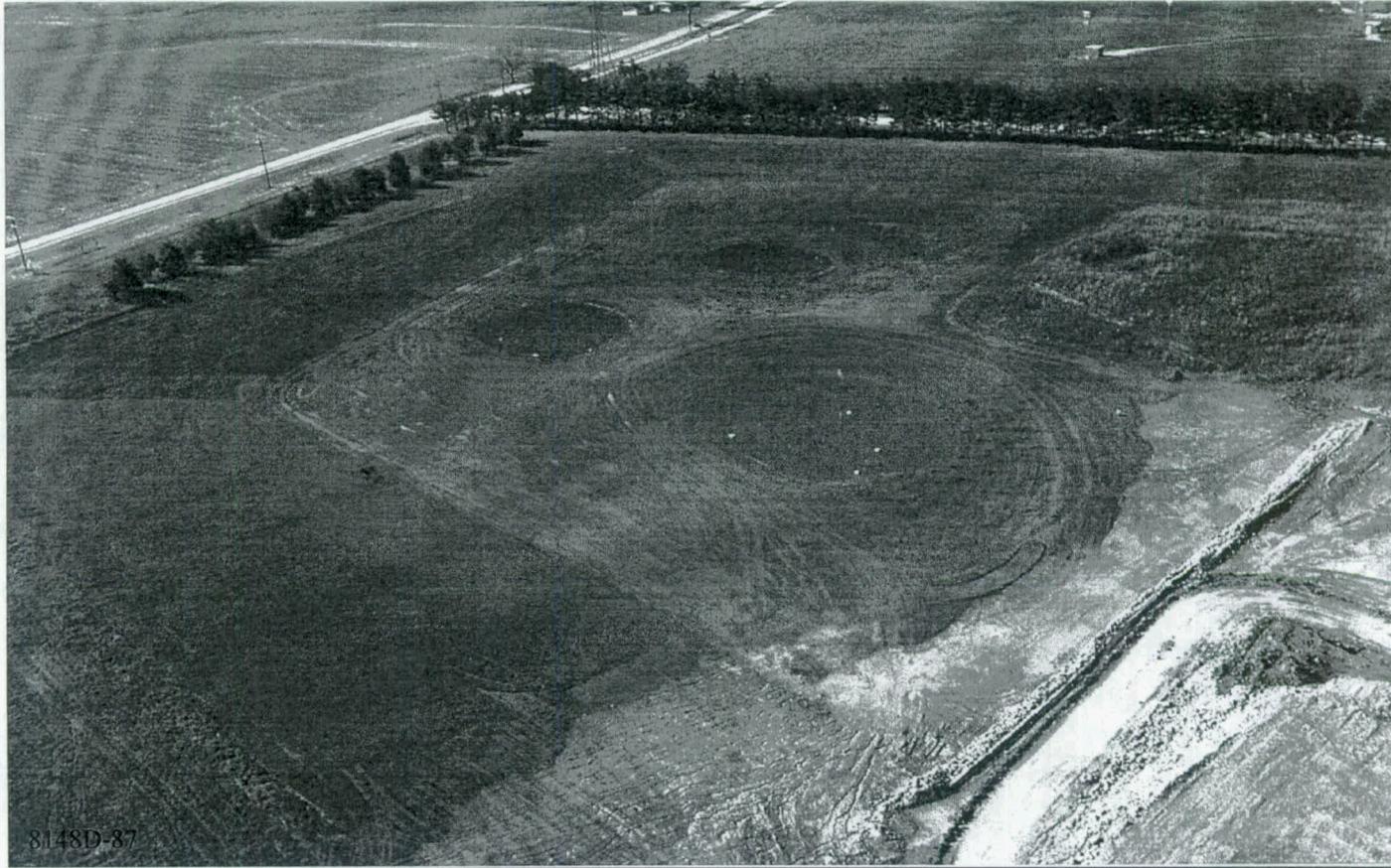
Issues

Timely handoff of Silos area
from Demolition to Soils
Project.

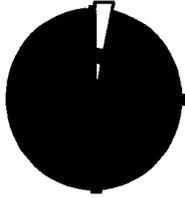


RESTORATION

Countdown to Closure - March 2006



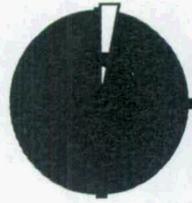
- *Restore or enhance the natural resources on 904 acres affected by plant operations and cleanup*



RESTORATION

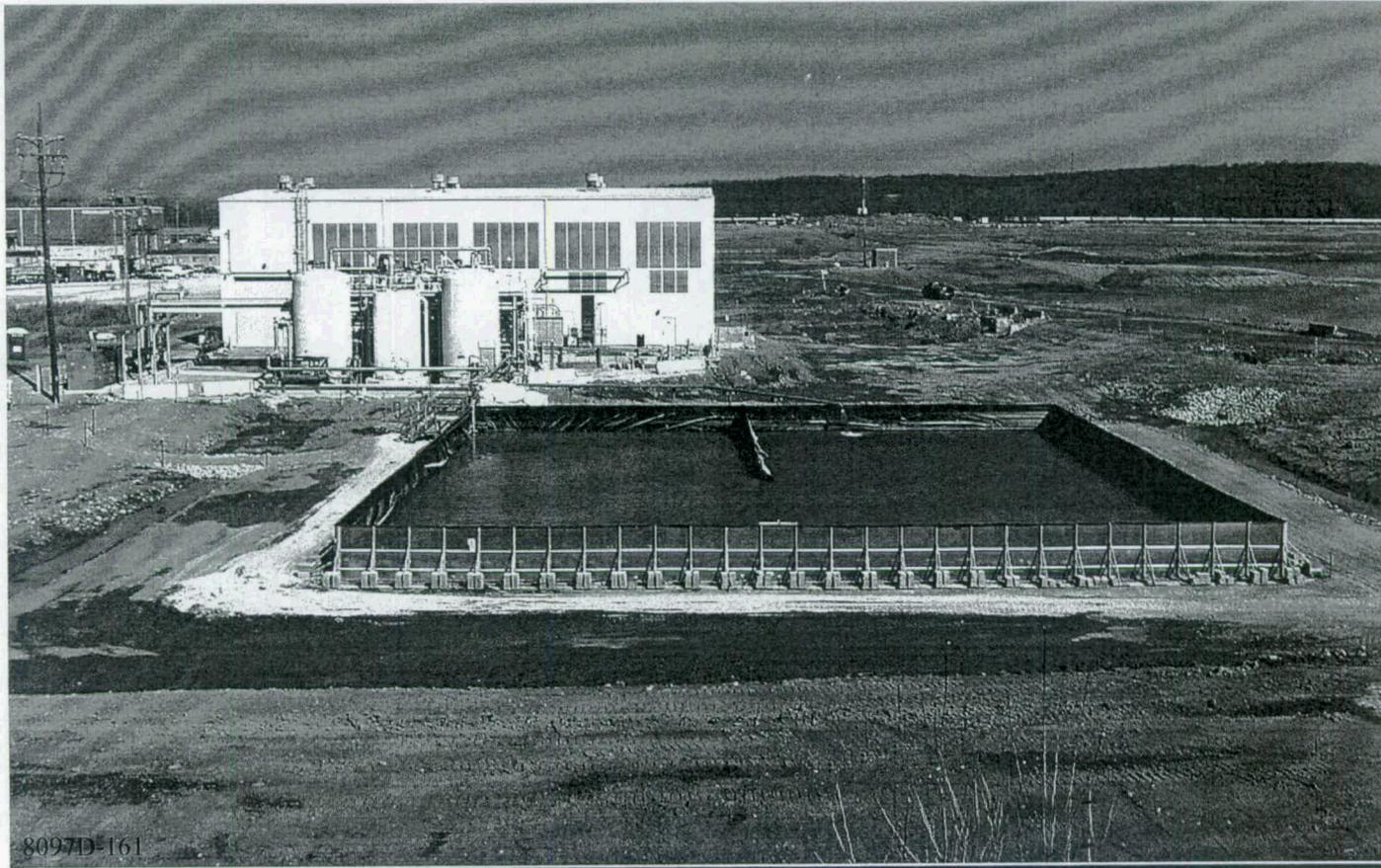
Countdown to Closure - March 2006

Action Items <i>(projected completion)</i>	Status	Issues
<p>05/06 - Waste Pits area - 30 acres</p> <p>05/06 - Production area - 130 acres</p> <p>07/06 - Silos area - 10 acres</p> <p>07/06 - Borrow and OSDF perimeter area - 190 acres</p>	<p>Restored acreage: 593</p> <p>In progress acreage: 49</p>	<p>Remaining areas to be restored after soil certification is completed.</p>

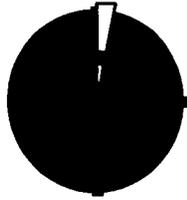


AQUIFER AND WASTEWATER

Countdown to Closure - March 2006



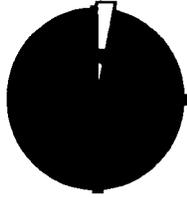
- *Remediate approximately 225 contaminated acres of the Great Miami Aquifer*



AQUIFER AND WASTEWATER

Countdown to Closure - March 2006

Action Items <i>(projected completion)</i>	Status	Issues
3/06 - Installation of Extraction Well 33 (EW-33)	Extracted more than 18.4 billion gallons of groundwater	
3/06 - Procure materials required to complete the Aquifer Restoration infrastructure to be in place at closure	Treated more than 11.6 billion gallons of water	
6/06 - Construction of remaining Aquifer Restoration infrastructure to be in place at closure	Removed 7,166 pounds of uranium	
6/06 - Begin operation of EW-33 and Storm Sewer Outfall Ditch Re-Injection	Received EPA/OEPA concurrence on remaining Aquifer Restoration Infrastructure in late February	
6/06 - 2005 Site Environmental Report	CAWWT Backwash Basin online early February	
	Storm Water Retention Basin taken out of service for D&D in late February	



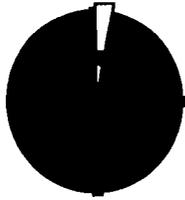
LEGACY MANAGEMENT

Countdown to Closure - March 2006

EM to LM Transition

Transition Team

- **DOE-LM**
- **S.M. Stoller**
- **DOE-EM**
- **Fluor Fernald**



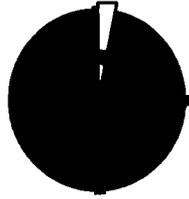
LEGACY MANAGEMENT

Countdown to Closure - March 2006

Transition Management Process

Key Accomplishments

- **Summer 2004 – Identified management transition team**
- **March 2005 – Established Site Transition Matrix**
- **Summer 2005 – Identified 17 Responsibility Transition Packages**
- **Fall 2005 – DOE-LM engaged the community**
- **January 2006 – Established full-time on-site project managers**



LEGACY MANAGEMENT

Countdown to Closure - March 2006

Future Activities

- **Finalize Responsibility Transition Packages**
- **Public involvement meetings**
- **Early transfer of EEOICPA process**
- **Internal readiness review**
- **Identify resources (staff/subcontractors)**
- **Declaration of physical completion**
- **Site transition**

Countdown to Closure #2
March 8, 2006

PLEASE SIGN IN

Name: JOYCE BENTLE

Affiliation: FLH, INC.

Address: _____

Phone #: _____

E-mail address: _____

Name: _____

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____

Name: Michelle Miller

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____

Name: _____

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____

Name: Jeff Neff

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____

Name: _____

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____

Countdown to Closure #2
March 8, 2006

PLEASE SIGN IN

Name: Edwa Yocum

Affiliation: FRESH-

Address: _____

Phone #: _____

E-mail address: _____

Name: Carl Schen

Affiliation: FRESH

Address: _____

Phone #: _____

E-mail address: _____

Name: Laura Hafer

Affiliation: Ohio EPA

Address: _____

Phone #: _____

E-mail address: _____

Name: CHRIS D JONES

Affiliation: CROSBY TWP.

Address: _____

Phone #: _____

E-mail address: _____

Name: [Signature]

Affiliation: [Signature]

Address: _____

Phone #: _____

E-mail address: _____

Name: _____

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____

Countdown to Closure #2 Public Meeting

March 8, 2006

6:30 p.m. Crosby Township Community Center

PLEASE SIGN IN

Name: Sue Wolfe

Affiliation: S.M. Stoller

Address: _____

Phone #: _____

E-mail address: _____

Name: Jim Colletti

Affiliation: OPH

Address: _____

Phone #: _____

E-mail address: _____

Name: DICK KASPARUK

Affiliation: _____

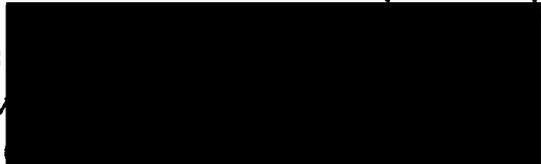
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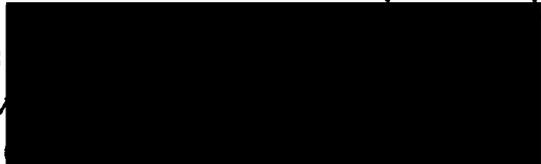
Phone #: _____

E-mail address: _____

Name: GERALD BRADLEY

Affiliation: FERNALD LIVING HISTORY

Address: 

Phone #: 

E-mail address: _____

Name: BOB TAYLOR

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____

Name: Liri Crawford

Affiliation: _____

Address: _____

Phone #: _____

E-mail address: _____