



FERNALD

Countdown to Closure

September 27, 2005

Gary Stegner

- Introduction

Bill Taylor

- Safety

- Project Updates

- Transition Update

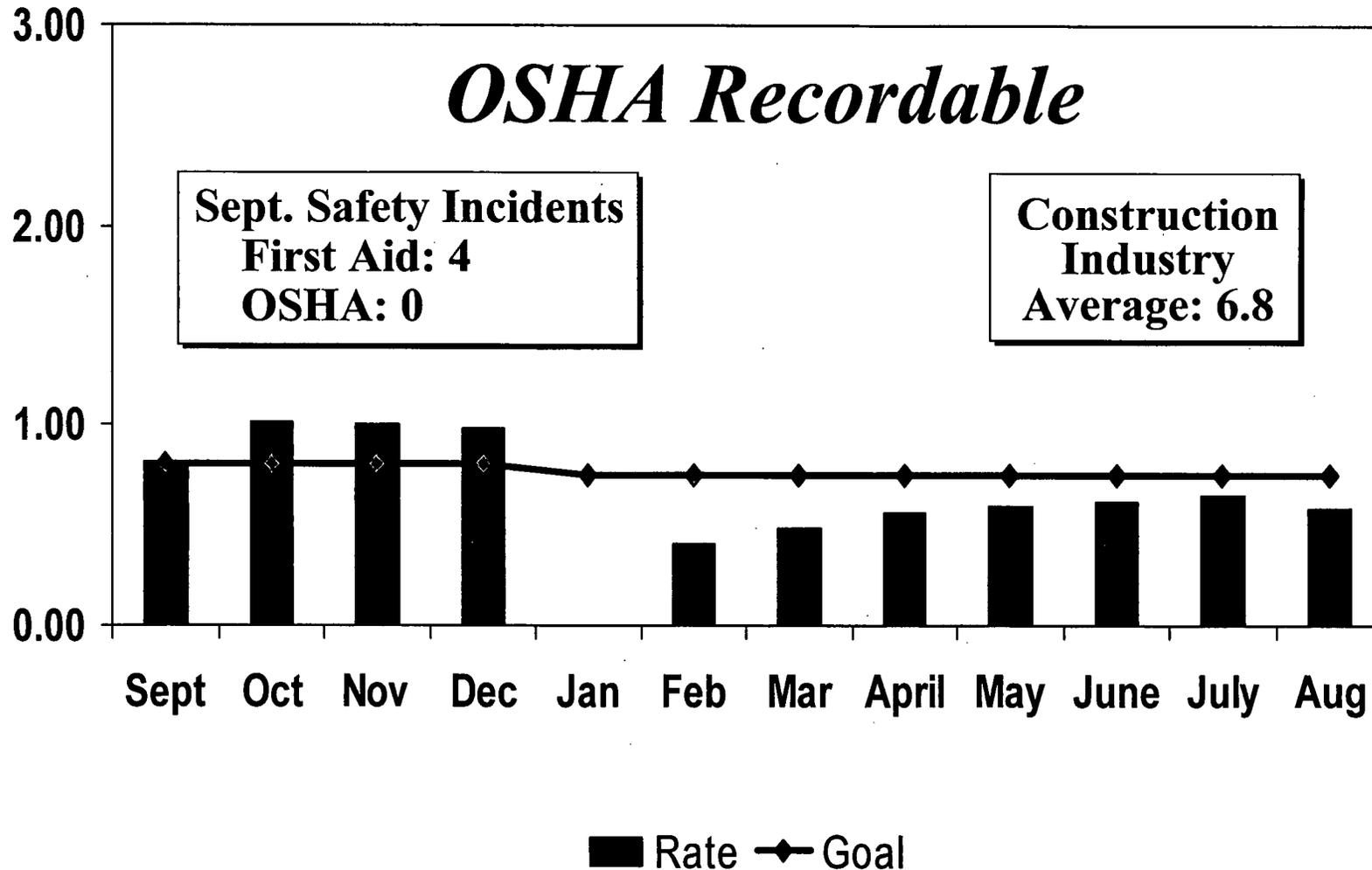
Glenn Griffiths

- Consolidated Business Center



SAFETY INCIDENCE RATES

Countdown to Closure - Fall 2005





SAFETY INCIDENCE RATES

Countdown to Closure - Fall 2005

	Fluor Fernald Self Perform	Operating Wage	Fluor Fernald & Subcontractors
2002	1.74	2.68	2.06
2003	.69	.63	1.42
2004	.82	.55	1.50
2005	.21	.89	.58



ACCOUNTABILITY



INCIDENTS



FERNALD CLOSURE PROJECT

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SPACE MANAGEMENT

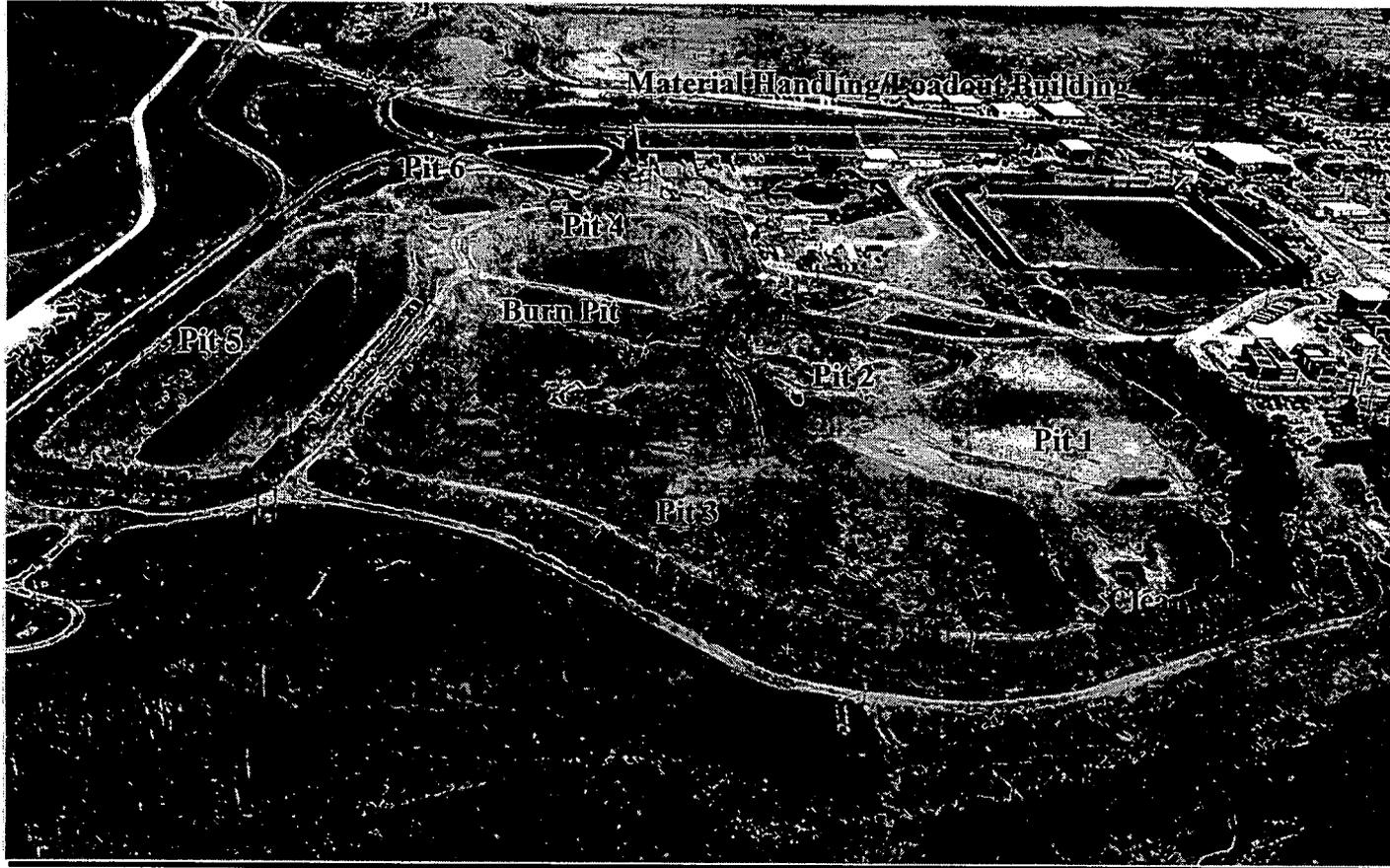
Countdown to Closure - Fall 2005

Action Items <i>(projected completion)</i>	Status	Issues
<p>10/05 - Relocations:</p> <ul style="list-style-type: none">- Move personnel out of 13 trailers in the Silos area	<p>Completed 118 relocations</p> <p>Vacated Springdale location</p> <ul style="list-style-type: none">- Computer room moved to the Delta Building- Payroll, Accounting, Public Affairs moved to the Alpha Building	



WASTE PITS

Countdown to Closure - Fall 2005



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



WASTE PITS

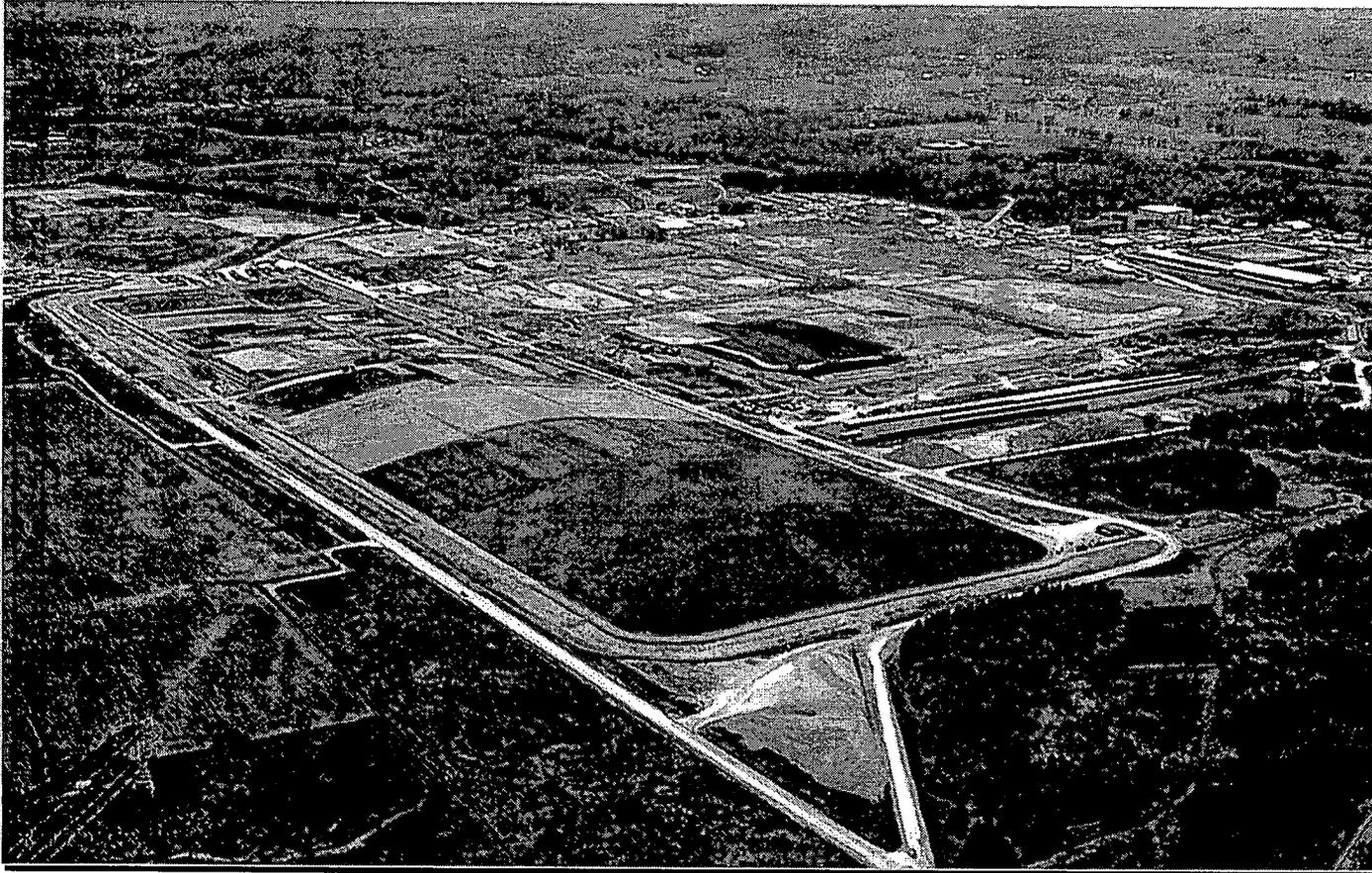
Countdown to Closure - Fall 2005

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



ON-SITE DISPOSAL FACILITY

Countdown to Closure - Fall 2005



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



ON-SITE DISPOSAL FACILITY

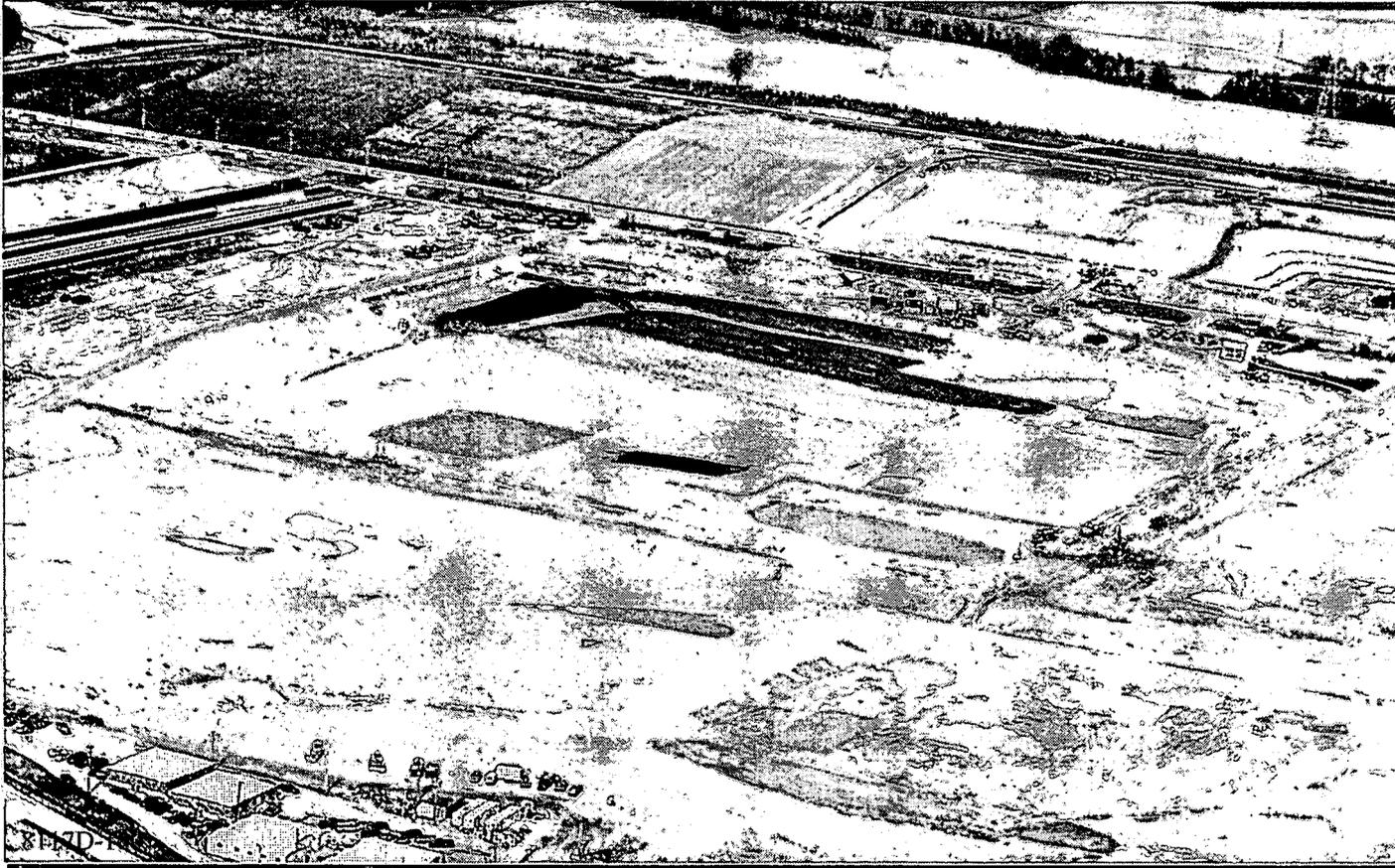
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Action Items <i>(projected completion)</i>	Status	Issues
11/05 - Cell 6 cap construction 12/05 - Cell 7 cap construction 06/06 - Cell 8 cap construction	Cell 1 - Complete Cell 2 - Complete Cell 3 - Complete Cell 4 - Complete Cell 5 - Complete Cell 6 - 95 percent filled Cell 7 - 70 percent filled Cell 8 - 40 percent filled Placed over 2.5 million cubic yards of contaminated soil and debris	Weather



SOILS

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



SOILS

Countdown to Closure - Fall 2005

Action Items

(projected completion)

10/05 - Waste Pits and Treatment Facility Soil Excavation

12/05 - 20 Unit trains of SP-7 soil

10/05 - Area 5 Excavation

12/05 - Area 7 Excavation

Status

On-site soil certification:

- 70 percent complete
- Area 4A completed

41 acres in certification process
- (Bio-Surge Lagoon, Waste Pits 4, 5, and 6)

Three unit trains of SP-7 material will be shipped in the first half of October.

Issues

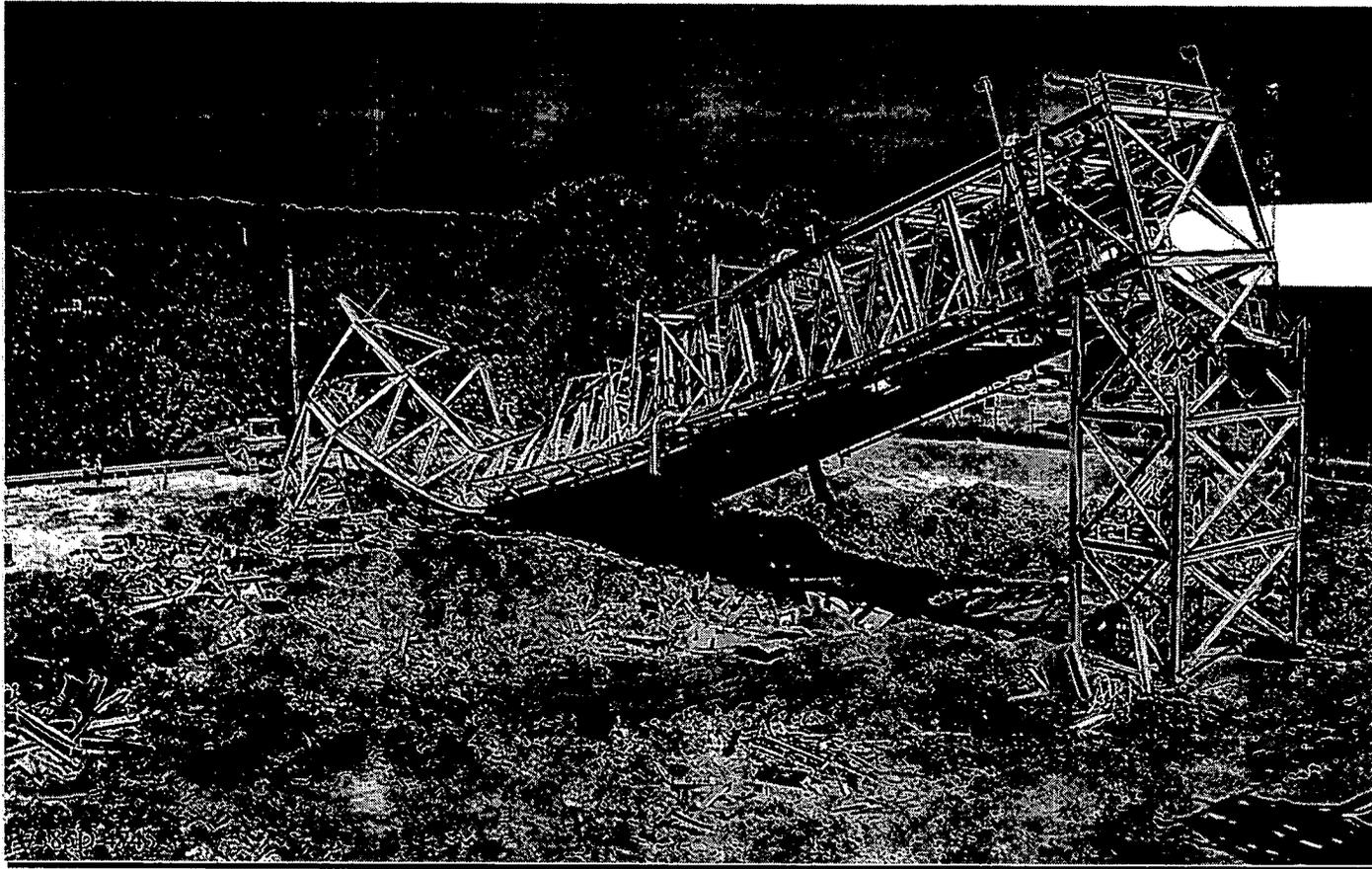
Uncertainty regarding demolition of Silos 1 and 2 Waste Treatment Facility schedule.





DECONTAMINATION & DEMOLITION

Countdown to Closure – Fall 2005



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



DECONTAMINATION & DEMOLITION

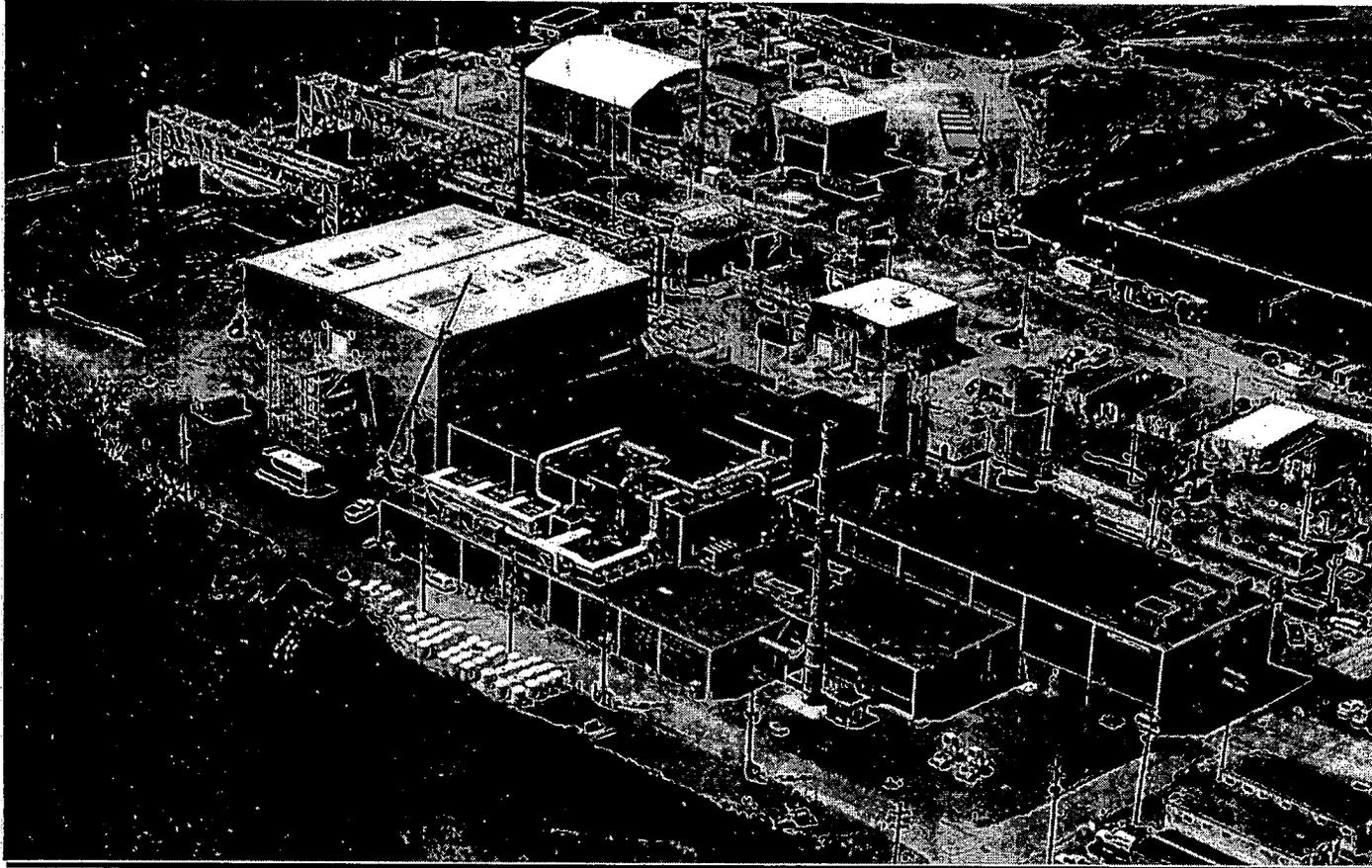
Countdown to Closure - Fall 2005

Action Items <i>(projected completion)</i>	Status	Issues
11/05 - Silo 3 and Treatment Facility demolition	Dismantled 216 of 259 buildings	Uncertainty regarding demolition of Silos 1 and 2 Waste Treatment Facility schedule.
02/02 – Railroad (Phase 1)	Dismantled 113 of 179 trailers	Potential operational delays which could impact follow-on activities.
04/06 – Silos 1 and 2 facility demolition (Treatment, Radon Control System, Transfer Tank Area)	AWWT demolition: COMPLETE	
05/06 – Railroad (Final phase)	Waste Pits treatment facilities demolition: COMPLETE	



SILOS 1 AND 2

Countdown to Closure - Fall 2005



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



SILOS 1 AND 2

Countdown to Closure – Fall 2005

Action Items *(projected completion)*

02/05 - Treatment operations
(2,000 est. shipments)

04/06 – Facility demolition
(Treatment, Radon Control
System, Transfer Tank Area)

Status

Started treatment operations
- 5/19/05

Started waste shipping
- 6/6/05

Daily production rate:
Averaging 18 containers

Weekly shipments:
Averaging 45 trucks

Filled containers to date (9/26):
947 of 4000

Shipped containers to date (9/26):
666

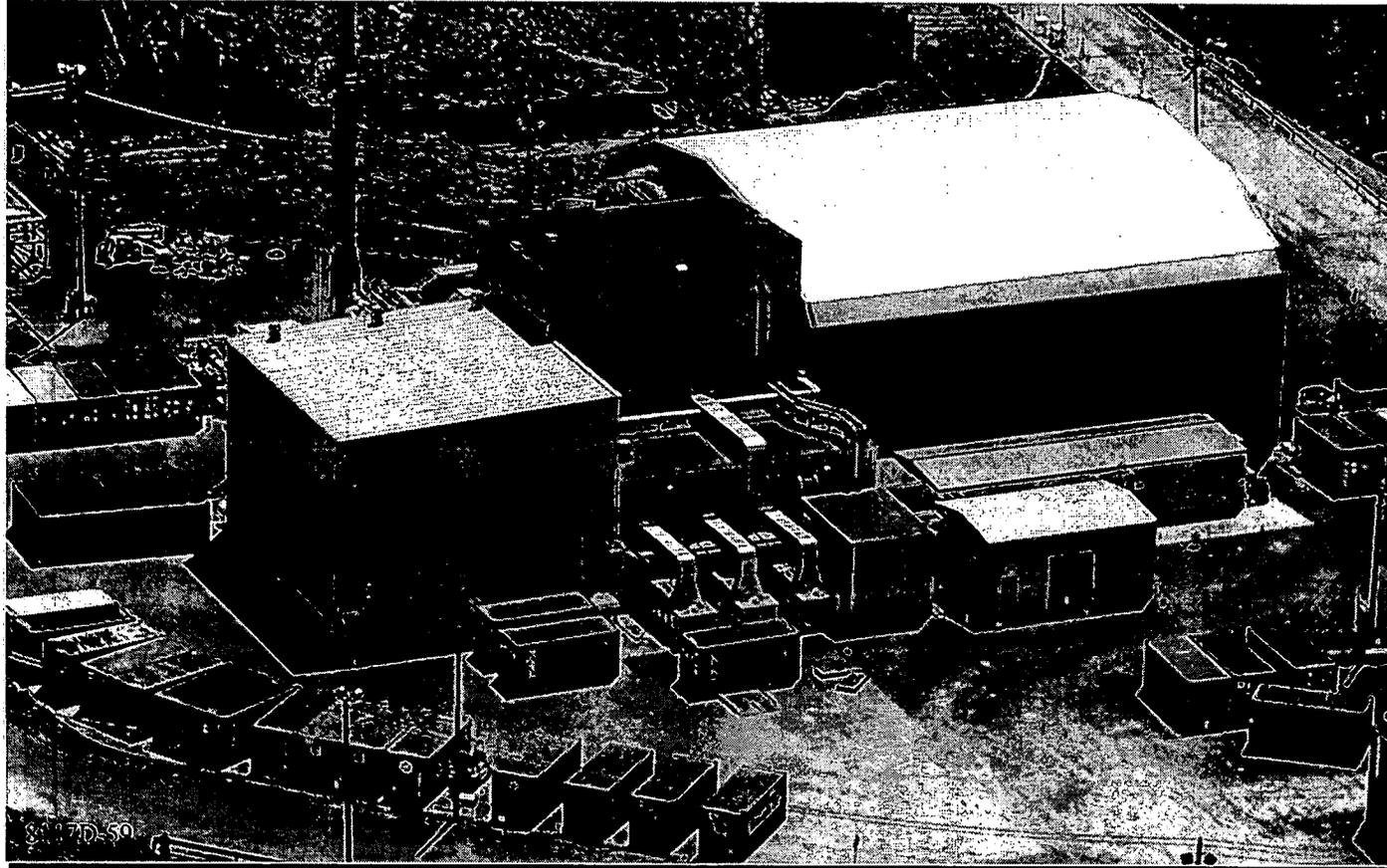
Issues

**Potential operational delays which
could impact follow-on activities.**



SILO 3

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



SILO 3

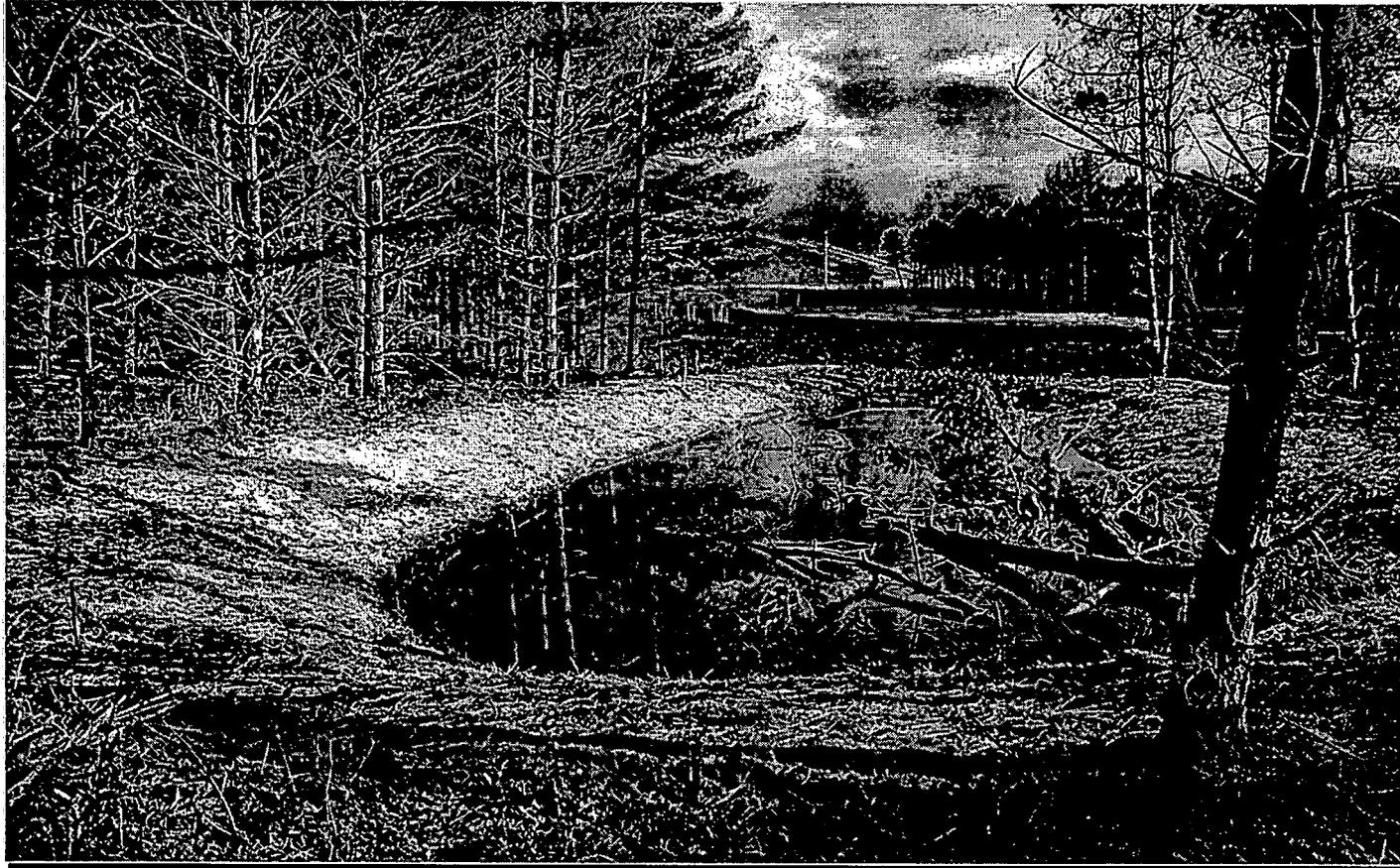
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Action Items <i>(projected completion)</i>	Status	Issues
<p>09/05 - Cutting silo wall to facilitate mechanical waste removal</p> <p>10/05 - Treatment operations (1,500 est. containers)</p> <p>11/05 - Silo 3 and Treatment Facility demolition</p>	<p>Silo is 80 percent empty</p> <p>Started treatment operations - 3/25/05</p> <p>Started waste shipping - 4/12/05</p> <p>Filled containers to date (9/26): 1,261 of 1,500</p> <p>Shipped containers to date (9/26): 1,143</p>	<p>Difficulty removing crusted waste using pneumatic retrieval method.</p>



RESTORATION

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



RESTORATION

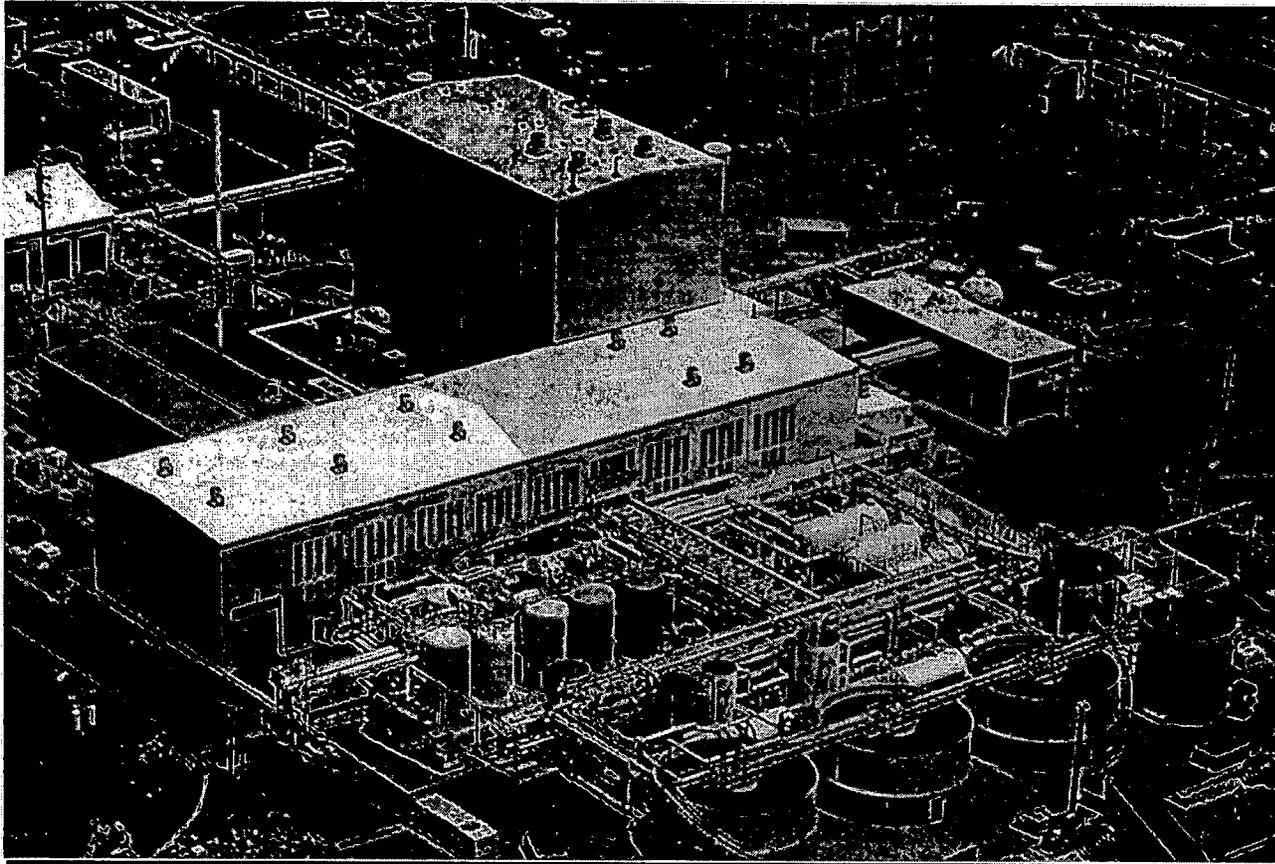
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Action Items <i>(projected completion)</i>	Status	Issues
05/06 - Waste Pits area - 30 acres 05/06 - Production area - 130 acres 06/06 - Silos area - 10 acres 06/06 - Borrow and OSDF perimeter area - 190 acres	Restored acreage: 520 In progress acreage: 55	Large areas to be restored in the Spring after soil certification is completed.



AQUIFER AND WASTEWATER

Countdown to Closure - Fall 2005



- *Remediate approximately 255 contaminated acres of the Great Miami Aquifer*



AQUIFER AND WASTEWATER

Countdown to Closure - Fall 2005

Action Items <i>(projected completion)</i>	Status	Issues
09/05 – Preliminary re-injection testing of the Storm Sewer Outfall Ditch	Extracted more than 17 billion gallons of groundwater	Working with USEPA and OEPA to finalize the design of the Waste Storage Area Phase II Groundwater Restoration Module.
10/05 – CAWWT Backwash Basin operational	Treated more than 11 billion gallons of water	Working with USEPA and OEPA to determine if/how re-injection will be utilized in support of Aquifer Remedy.
10/05 – Construct CAWWT east wall	Removed 6,900 pounds of uranium	
10/05 – Draft Groundwater Certification Plan to EPA/OPEA for review		
11/05 – Permanent shutdown of the Storm Water Retention Basin		



TRANSITION UPDATE

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- **Legacy Management and Institutional Controls Plan**
- **Community Involvement Plan**
- **Potential Local Stakeholder Organization**
- **EM to LM turnover**



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Countdown to Closure - Fall 2005





CONSOLIDATED BUSINESS CENTER

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- **Secretary's Announcement - June 7, 2004**
CBC to be located in Cincinnati, Ohio
- **CBC will provide:**
 - **Business and technical support services for EM closure and small sites**
 - **Ohio Field Office (Columbus, Ashtabula, West Valley, Fernald, Miamisburg)**
 - **Rocky Flats**
 - **Carlsbad**
 - **Portsmouth/Paducah Project Office**
 - **Selected support for closure activities**
(i.e. IDIQ Contract Administration)
 - **Small sites support**



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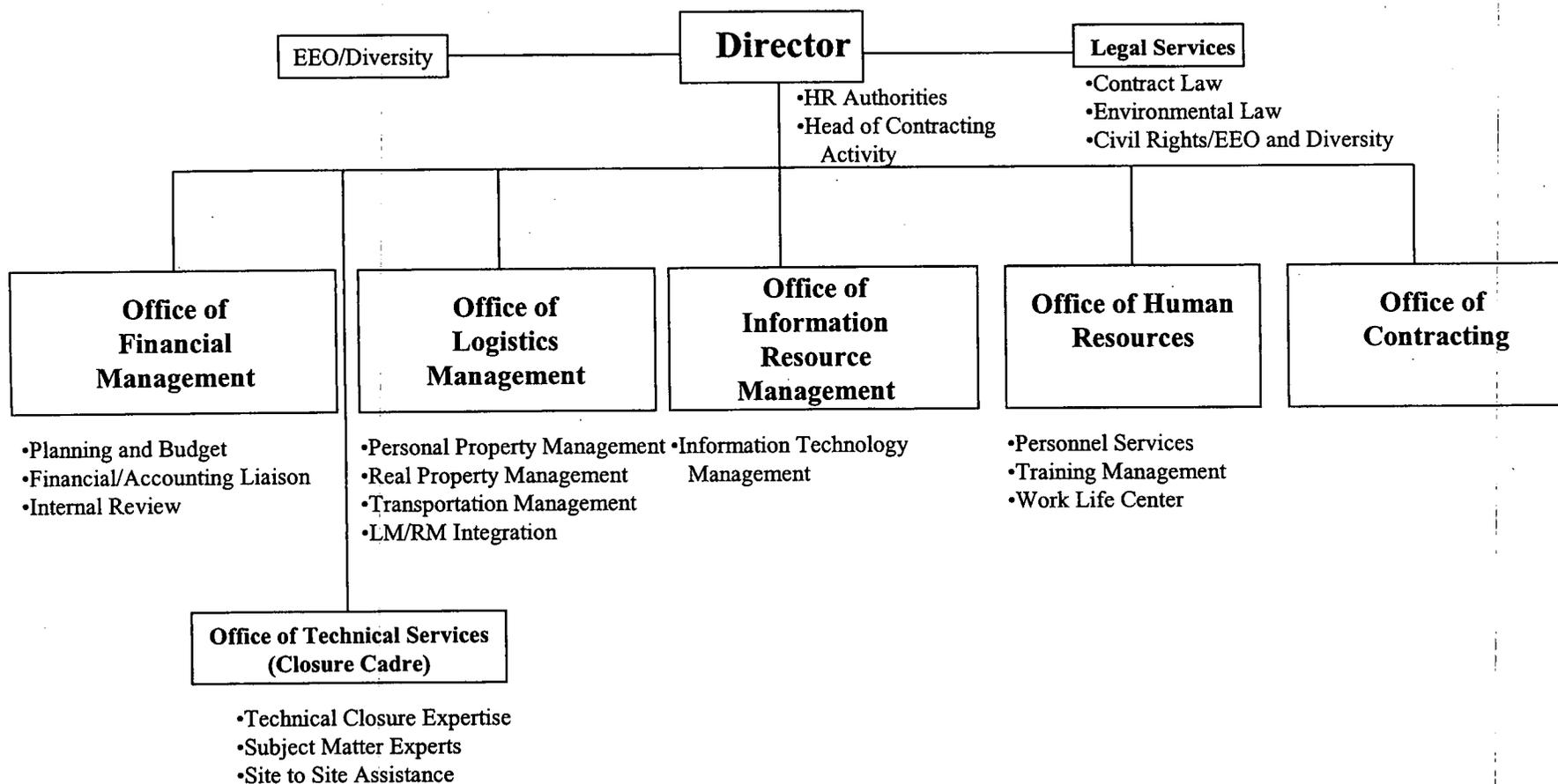
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- **Consolidated Functions**
 - **Financial Management**
 - **Logistics Management**
 - **Information Resource Management**
 - **Human Resources**
 - **Contracting**
 - **Legal services**
 - **Closure cadre**
 - **Others, TBD after initial activation**
- **140 FTEs upon full operational capability**



CONSOLIDATED BUSINESS CENTER

Countdown to Closure - Fall 2005





CONSOLIDATED BUSINESS CENTER

Countdown to Closure - Fall 2005

CBC Goals:

- **Ensure customer sites are provided with required and improved business support needed to execute mission**
- **Establish standardized business processes to support customer sites**
- **Manage the EM Cadre resources**
- **Reduce redundancies of functions across sites**
- **Recognize the differences in needs among customer sites (closure site needs may be different than sites with ongoing mission)**



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Countdown to Closure - Fall 2005

Staffing (as of August 2005):

- **Director hired, October 2004**
- **Assistant Directors hired:**
 - **Human Resources**
 - **Contracts**
 - **Financial Management**
 - **Logistics**
 - **IT**
 - **Diversity**
- **General Counsel – Vacancy announced**
- **Technical Services AD – Vacancy announced**
- **53 EM staff realigned/reassigned into CBC organization effective March 6, 2005.**
- **100 total staff on-board**



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Status (as of August 2005):

- CBC moved into temporary office space in Springdale, Ohio - October 2004
- Permanent office space location selected in Cincinnati, Ohio - March 2005
- EMCBC Delegations of Authority granted for Contracts (HCA), Property Management, Financial Management (allotment holder), and Human Resources – March 2005
- New Office space occupancy - May 2, 2005
- Staffing of organization underway, positions are open www.jobs.doe.gov



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Status (as of August 2005):

- **Organization approved for 115 FTE's in 2005**
- ***Service Level Agreements* drafted between the EMCBC and customer sites to outline roles and responsibilities and details of the support to be provided.**



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Communication and Commitment:

Service Level Agreements

- Signed by CBC Director and Customer Sites
- Define Roles/Responsibilities
- Define Service Level Expectations:
 - Financial Management
 - Contracting
 - Human Resources
 - Legal Services
 - Logistics
 - IM
 - EEO/Diversity

EM Cadre

- EM Cadre are an EM corporate resource
- EM Cadre “Catalog” under development to provide EM Complex with a listing of the Cadre staff, their skills, experience, current assignment, and schedule availability.



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EMCBC Timeline

