

Project Baseline Summary Report

Data Source: **EM CDB**

Operations/Field Office: **Chicago**

Site Summary Level: **Chicago Operations Office**

Project **CH-CHOOSM / Surveillance and Maintenance Activities**

Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0030**

General Project Information

Project Description Narratives

Purpose, Scope, and Technical Approach:

- Definition of Scope: a. Site A/Plot M: (1) sample collection and analysis; and (2) annual reports.
- b. Hallam: (1) groundwater monitoring; and (2) annual reports.
- c. Piqua: (1) S&M activities within the former structure; and (2) annual reports.

Project Status in FY 2006:

Site A/Plot M S&M, Hallam and Piqua activities were being transferred to the Grand Junction Project Office in FY 1998.

Post-2006 Project Scope:

None anticipated at this time.

Project End State

S&M activities indicate that no further action is required.

Cost Baseline Comments:

Baseline has been adjusted to actual costs through FY 1998 plus uncostered obligations at the end of FY 1998.

Safety & Health Hazards:

Site A/plot M: At Site A, ground water has only been slightly been affected by tritium in the perched water zones near the bioshield area. Surface waste transport of contaminated sediments has the highest potential for moving contaminated soil off-site but concentration of contaminants in the soil are minimal. Plot M is monitored for low level isotops from a plume which occured before the area was capped.

Hallam: Environmental radiological surveillance is conducted to verify that no radioactivity is being released to the environment.

Piqua: The potential for transport of radioactive materials stored in the reactor complex to the environment is insignificant.

Safety & Health Work Performance:

N/A

PBS Comments:

Site A/Plot M: Site A/Plot M is the former site of early activities by the Manhattan Engineer District between 1942 and 1956. Site A contained two experimental nuclear reactors and associated research laboratories. Plot M was used for the burial of rad

Baseline Validation Narrative:

Dataset Name: **FY 1999 Planning Data**

Date of Dataset: **9/20/1999**

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Project Description Narratives

Costs have been adjusted to actual costs through FY 1998 plus uncosted obligations at the end of FY 1998 to reflect project completion (functions and funding responsibility transferred to the Grand Junction Project Office) in FY 1998.

General PBS Information

Project Validated? Yes **Date Validated:** 3/27/1999
Has Headquarters reviewed and approved project? No
Date Project was Added: 12/1/1997
Baseline Submission Date: 7/7/1999
FEDPLAN Project? Yes

Drivers:	CERCLA	RCRA	DNFSB	AEA	UMTRCA	State	DOE Orders	Other
	N	N	N	N	N	Y	Y	Y

Project Identification Information

DOE Project Manager: Susan Heston
DOE Project Manager Phone Number: 630-252-2381
DOE Project Manager Fax Number: 630-252-2654
DOE Project Manager e-mail address: susan.heston@ch.doe.gov
Is this a High Visibility Project (Y/N):

Planning Section

Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006
PBS Baseline (current year dollars)	250	0	250	239	239	8	8	3	0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	250	0	250	239	239	8	8	3	0	0	0	0	0	0	0

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Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006	
PBS EM Baseline (current year dollars)	250	0	250	239	239	8	8	3	0	0	0	0	0	0	0	
PBS EM Baseline (constant 1999 dollars)	250	0	250	239	239	8	8	3	0	0	0	0	0	0	0	
	2007	2008	2009	2010	2011- 2015	2016- 2020	2021- 2025	2026- 2030	2031- 2035	2036- 2040	2041- 2045	2046- 2050	2051- 2055	2056- 2060	2061- 2065	2066- 2070
PBS Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Baseline Escalation Rates

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
0.00%	0.00%	0.00%	2.70%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%
2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%

Project Reconciliation

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Project Reconciliation

Project Completion Date Changes:

Previously Projected End Date of Project: 9/1/1998

Current Projected End Date of Project: 9/30/1998

Explanation of Project Completion Date Difference (if applicable):

Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):	490	Actual 1997 Cost:	239	Actual 1998 Cost:	8
Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars):	243	Inflation Adjustment (2.7% to convert 1998 to 1999 dollars):			7
Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	250				

Project Cost Changes

	Cost Adjustments	Reconciliation Narratives
Cost Change Due to Scope Deletions (-):	229	Defense portion of costs transferred to new PBS CH-CHOOSM-D
Cost Reductions Due to Efficiencies (-):	18	Costs adjusted to actual costs incurred.
Cost Associated with New Scope (+):		
Cost Growth Associated with Scope Previously Reported (+):		
Cost Reductions Due to Science & Technology Efficiencies (-):		
Subtotal:	3	
Additional Amount to Reconcile (+):	0	
Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	3	

Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
Project Complete			9/30/1998								

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Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
Project Start			10/1/1996								

Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
Project Complete						Y					
Project Start				Y							

Performance Measure Metrics

Category/Subcategory	Units	1997-2006 Total	2007-2070 Total	1997-2070 Total	Actual Pre-1997	Planned 1997	Actual 1997	Planned 1998	Planned 1999	Planned 2000	Planned 2001	Planned 2002	Planned 2003	Planned 2004
RS														
Assess.	NR	0.00	0.00	0.00	1.00									
RS														
Cleanup	NR	0.00	0.00	0.00	1.00									
Fac.														
Decom.- Assess.	NF	0.00	0.00	0.00	2.00									
Fac.														
Decom- Cleanup	NF	0.00	0.00	0.00	2.00									
Category/Subcategory	Units	Planned 2004	Planned 2005	Planned 2006	Planned 2007	Planned 2008	Planned 2009	Planned 2010	Planned 2011 - 2015	Planned 2016 - 2020	Planned 2021 - 2025	Planned 2026 - 2030	Planned 2031 - 2035	Planned 2036 - 2040
RS														
Assess.	NR													

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RS																		
Cleanup	NR																	
Fac.																		
Decom.- Assess.	NF																	
Fac.																		
Decom- Cleanup	NF																	
Category/Subcategory	Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total								
RS																		
Assess.	NR									1.00								
RS																		
Cleanup	NR									1.00								
Fac.																		
Decom.- Assess.	NF									2.00								
Fac.																		
Decom- Cleanup	NF									2.00								
Release Sites																		
Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD				
SAFP	0011		Plot M \ Plot M	Waste/Landfills	1972		9/30/1972	1972		9/30/1972		Y	Approved	Y				
Facility Decommissioning																		
Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD

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Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
HNPF	0001		Hallam Surveillance an \ Hallam Nuclear Power Facility	Buildings & Equipment\Other Buildings		1969		9/30/1969				1969		9/30/1969		Y	Approved	Y
PNPF	0001		Piqua Surveillance and \ Piqua Nuclear Power Facility	Buildings & Equipment\Other Buildings		1969		9/30/1969				1969		9/30/1969		Y	Approved	Y