

**Site Planning and Integration  
Fiscal Year 1999  
Multi-Year Work Plan (MYWP) Update  
for WBS 1.8.2.1**

**Date Published**  
September 1998

**Prepared for the U.S. Department of Energy  
Assistant Secretary for Environmental Restoration**

**FLUOR DANIEL HANFORD, INC.** 

Richland, Washington

Hanford Management and Integration Contractor for the  
U.S. Department of Energy under Contract DE-AC06-96RL13200

Approved for Public Release; Further Dissemination Unlimited

## RELEASE AUTHORIZATION

Document Number: HNF-SP-1238, Revision 1

Document Title: Site Planning and Integration Fiscal Year 1999  
Multi-Year Work Plan (MYWP) Update for WBS 1.8.2.1

This document, reviewed in accordance with DOE Order 1430.1D, "Scientific and Technical Information Management," and DOE G 1430.1D-1, "Guide to the Management of Scientific and Technical Information," does not contain classified or sensitive unclassified information and is:

**APPROVED FOR PUBLIC RELEASE**

*V. L. Birkland*  
V. L. Birkland

*10/1/98*

Lockheed Martin Services, Inc.  
Document Control/Information Clearance

Reviewed for Applied Technology, Business Sensitive, Classified, Copyrighted, Export Controlled, Patent, Personal/Private, Proprietary, Protected CRADA, Trademark, Unclassified Controlled Nuclear Information.

LEGAL DISCLAIMER. This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, nor any of their contractors, subcontractors or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the results of such use of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof. This report has been reproduced from the best available copy. Printed in the United States of America. Available to the U.S. Department of Energy and its contractors from the U.S. Department of Energy Office of Scientific and Technical Information, P.O. Box 62, Oak Ridge, TN 37831; Telephone: 423/576-8401.

Available to the public from the U.S. Department of Commerce National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161; Telephone: 703/487-4850.

## **Site Planning and Integration**

### **WBS 1.8.2.1 (PBS: RL-OT01)**

### **Fiscal Year 1999 Multi-Year Work Plan (MYWP) Update**

## WBS 1.8.2.1

### Approval Page

A. R. Brobst  
Phillip R. Brobst, Director  
Site Planning and Integration

9/17/98  
Date

Gordon J. McCleary  
Gordon J. McCleary, Director  
Planning

9/17/98  
Date

E.W. Higgins  
Eugene W. Higgins, Director  
Planning Integration Division

9/29/98  
Date

Alice Q. Murphy  
Alice Q. Murphy, Assistant Manager  
For Business Management and CFO

9-29-98  
Date

## Table of Contents

TABLE OF CONTENTS .....	II
PROJECT SUMMARY SECTION .....	1
1.0 TECHNICAL BASELINE .....	1-1
1.1 <i>Mission Statement</i> .....	1-1
1.2 <i>Boundary Diagram with Major Facilities</i> .....	1-1
1.3 <i>Facility Responsibility Assignment Matrix</i> .....	1-1
1.4 <i>Planning Assumptions</i> .....	1-1
1.5 <i>Risk Management</i> .....	1-2
1.6 <i>Technical Issues Management List (TIML)</i> .....	1-2
2.0 PROJECT HANFORD BREAKDOWN STRUCTURE (PHBS) .....	1-2
2.1 <i>PHBS Hierarchy</i> .....	1-2
3.0 SCHEDULE BASELINE .....	1-4
3.1 <i>Project Master Baseline Schedule by Project Baseline Summary (PBS)</i> .....	1-4
4.0 COST BASELINE .....	1-14
4.1 <i>Estimate Basis</i> .....	1-14
4.2 <i>Summary of Life-cycle Cost Baseline (BCWS) by Project</i> .....	1-15
4.3 <i>Summary of Life-cycle Budget Authority by Project</i> .....	1-18
4.4 <i>Cost Baseline BCWS for Execution Year by Month by Fund Type</i> .....	1-20
4.5 <i>Cost Baseline BCWS for Execution Year by Month by Resource Type</i> .....	1-20
PROJECT BASELINE SUMMARIES (PBS) LEVEL .....	2-1
PBS-1.0 TECHNICAL BASELINE .....	2-1
PBS-1.1 <i>Project Mission</i> .....	2-1
PBS-1.2 <i>Project End-Point Targets</i> .....	2-1
PBS-1.3 <i>Major Facilities</i> .....	2-1
PBS-1.4 <i>Drivers</i> .....	2-1
PBS-2.0 WORK BREAKDOWN STRUCTURE .....	2-3
PBS-2.1 <i>Work Breakdown Structure Hierarchy</i> .....	2-3
PBS-2.2 <i>Work Breakdown Structure Dictionary</i> .....	2-5
PBS-2.3 <i>Responsibility Assignment Matrix</i> .....	2-43
PBS-3.0 SCHEDULE BASELINE .....	2-45
PBS-3.1 <i>Project Master Baseline Schedule</i> .....	2-45
PBS-3.2 <i>Execution Year Project Master Baseline Schedule</i> .....	2-46
PBS-3.3 <i>Milestones List</i> .....	2-47
PBS-3.4 <i>Milestone Description Sheets</i> .....	2-49
PBS-4.0 COST BASELINE .....	2-64
PBS-4.1 <i>Life-cycle Cost Baseline (BCWS) by PBS</i> .....	2-64
PBS-4.2 <i>Life-cycle Budget Authority (B/A) by PBS</i> .....	2-67
PBS-4.3 <i>Execution Year Cost Baseline by Month by PBS by Fund Type</i> .....	2-69
APPENDICES .....	A-1
A. SPECIAL TPA REPORT .....	A-1
B. SITE PLANNING AND INTEGRATION PRIORITY LIST/BUDGET ALLOCATION .....	A-1
C. PERFORMANCE ENHANCEMENTS .....	A-1
D. PERFORMANCE OBJECTIVES AND MEASURES AND ASSOCIATED BACKUP INFORMATION .....	A-1
ACRONYM LIST .....	B-1

## **Project Summary Section**

### **1.0 TECHNICAL BASELINE**

#### **1.1 Mission Statement**

The primary mission of the Site Planning and Integration (SP&I) project is to assist Fluor Daniel Project Direction to ensure that all work performed under the Project Hanford Management Contract (PHMC) is adequately planned, executed, controlled, and that performance is measured and reported in an integrated fashion.

Furthermore, SP&I is responsible for the development, implementation, and management of systems and processes that integrate technical, schedule, and cost baselines for PHMC work.

#### **1.2 Boundary Diagram with Major Facilities**

Not applicable to this project.

#### **1.3 Facility Responsibility Assignment Matrix**

Not applicable to this project.

#### **1.4 Planning Assumptions**

- a. The existing Progress Tracking System (PTS) will be replaced with a yet to be defined reporting system. This Multi-Year Work Plan (MYWP) assumes system specifications and requirements development will begin in fiscal year (FY) 1999 and operational readiness will be initiated, pending receipt of U.S. Department of Energy-Headquarters (DOE-HQ) direction.
- b. The Environmental Planning Data System (EPDS) platform will be maintained until the PTS replacement is implemented. PTS is the only remaining module on EPDS. The Baseline Change Control (BCC) and Central Milestone Module (CMM) modules migrated to the Integrated Planning and Reporting System (IPARS) platform in FY 1998. The Master Validation Table (MVT) and Activity Data Sheet (ADS) modules were discontinued.

- c. Cost savings data will be maintained using the Baseline Change Control system.
- d. U.S. Department of Energy, Richland Operations Office (RL) will provide Mission Planning and Budget Updating Guidance, per the agreed to schedule.
- e. Additional planning resources will be available to enhance current strategic planning and reporting.
- f. Projects will begin implementation of the Fluor Daniel Hanford (FDH) Risk Management Implementation Plan in FY 1999.
- g. Technical sections of planning documentation (MYWP, PBS) and technical performance measure data will be obtained from the Hanford Site Technical Database (HSTD).

**1.5 Risk Management**

Not applicable to this project.

**1.6 Technical Issues Management List (TIML)**

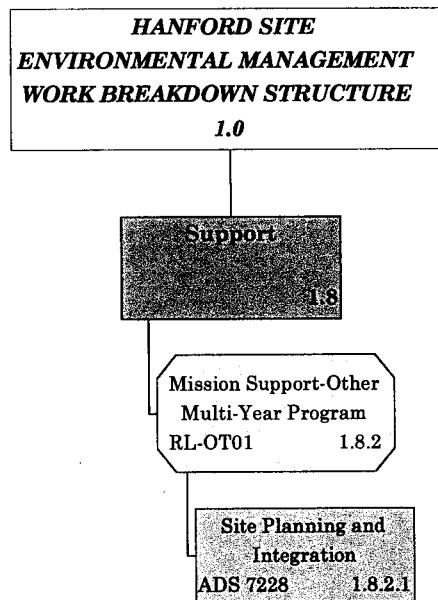
Not applicable to this project.

**2.0 PROJECT HANFORD BREAKDOWN STRUCTURE (PHBS)**

**2.1 PHBS Hierarchy**

See page 1-3.

**FY 1999  
EM PROJECT HANFORD BREAKDOWN STRUCTURE**



**3.0 SCHEDULE BASELINE**

**3.1 Project Master Baseline Schedule by Project Baseline Summary (PBS)**

See Pages 1-5 through 1-13.

A	Activity Description	Orig Dur	Early Start	Early Finish	OCT	1998 NOV	1999								NOV	DEC								
							JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP									
<b>1 Hanford Site</b>																								
<b>1.08 Support</b>																								
<b>1.08.02 Mission Support- Other Multi-Year Program</b>																								
1.08.02.01.01 Planning																								
1.08.02.01.01.01 Mgmt Procedures, Policies & Training																								
1.08.02.01.01.01.01 Surveillance/Assessment Support																								
SP0000	Surveillance/Assessment	251	01OCT98	30SEP99														Surveillance/Assessm						
SP0001	Assessment 1 (Initial)	0		31MAR99														◆Assessment 1 (Initial)						
SP0002	Assessment 2 (Initial)	0		31MAR99														◆Assessment 2 (Initial)						
SP0003	Assessment 3 (Initial)	0		31MAR99														◆Assessment 3 (Initial)						
SP0004	Assessment 1 (Year-end)	0		30SEP99*														Assessment 1 (Year-end)◆						
SP0006	Assessment 2 (Year-end)	0		30SEP99*														Assessment 2 (Year-end)◆						
SP0007	Assessment 3 (Year-end)	0		30SEP99*														Assessment 3 (Year-end)◆						
1.08.02.01.01.02 Strategic Planning																								
1.08.02.01.01.02.01 Hanford Strategic Plan																								
SP0005	Hanford Strategic Plan	251	01OCT98	30SEP99														Hanford Strategic Plan						
SP0805	SPL-99-003-Submit Hnfd	0		16NOV98														◆SPL-99-003-Submit Hnfd Strategic Thinking Rev						
1.08.02.01.01.02.02 Site Implementation Plan (Paths to Closure)																								
SP0010	Site Implem Plan (Paths to	251	01OCT98	30SEP99														7Site Implem Plan (Pat						
SP0810	SPL-99-002-Submit	0		18DEC98														◆SPL-99-002-Submit Updated Paths to Closure Doc						
SP0821	Submit FY01 PBSs to RL	0		18DEC98														◆Submit FY01 PBSs to RL (Supports BAS-99-006)						
SP0815	Mid-Yr Data Consistency	0		31MAR99														◆Mid-Yr Data Consistency /Traceability Validation						
SP0822	Submit Updated FY01 PBSs	0		15APR99														◆Submit Updated FY01 PBSs to RL (Sup BUD-99-003)						
SP0823	SPL-99-001-Submit	0		01JUN99*														◆SPL-99-001-Submit Updated Paths to Closure Doc						
SP0820	FY99 Data Consistency	0		30SEP99*														FY99 Data Consistency /Traceability Validation◆						
1.08.02.01.01.02.03 PHMC Balanced Scorecard																		PHMC Balanced Scor						
SP0015	PHMC Balanced Scorecard	251	01OCT98	30SEP99														◆Initial Balanced Scorecard						
SP0840	Initial Balanced Scorecard	0		18DEC98														◆Initial Integrated Performance Measures						
SP0825	Initial Integrated	0		15JAN99*														◆Qtrly Update to Integrated Perf Measures						
SP0830	Qtrly Update to Integrated	0		31MAR99														◆Qtrly Update to Integrated Perf Measures						
SP0845	Qtrly Update to Integrated	0		30JUN99*														◆Qtrly Update to Integrated Perf Measures						
SP0835	Qtrly Update to Integrated	0		30SEP99*														Qtrly Update to Integrated Perf Measures◆						
1.08.02.01.01.02.04 Site Issues Mgmt & Analysis																		Site Issues Mgmt & An						
SP0030	Site Issues Mgmt & Analysis	251	01OCT98	30SEP99														◆Site Issues Mgmt Process Dev/Imp						
SP0031	Site Issues Mgmt Process	0		29JAN99*														◆Site Issues Def/Assign & Trkg/Rptg Sys ID						
SP0032	Site Issues Def/Assign &	0		26FEB99*														◆Qtrly Report to RL						
SP0033	Qtrly Report to RL	0		31MAR99																				

Project Start	01OCT98	Early Bar	SP/B
Project Finish	01OCT99	Progress Bar	
Date Date	01OCT98	Critical Activity	
Run Date	24SEP98		
© Primavera Systems, Inc.			

Date	Revision	Checked	Approved

	Activity Description	Orig Dur	Early Start	Early Finish
SP0034	Qtrly Report to RL	0	30JUN99*	
SP0036	Qtrly Report to RL	0	30SEP99*	
<b>1.08.02.01.01.02.05 Enhanced Performance Planning Integration</b>				
SP0035	Enhanced Perf Plng	251	01OCT98	30SEP99
SP0051	Support Mission Plng	0	02NOV98	
SP0050	Assessment of TIPs	0	16NOV98	
SP0053	ID Trkg/Rptg System for	0	30NOV98	
SP0054	Qtrly Report to RL	0	31MAR99	
SP0052	Supt Baseline Update	0	03MAY99	
SP0055	Qtrly Report to RL	0	30JUN99*	
SP0056	Qtrly Report to RL	0	30SEP99*	
<b>1.08.02.01.01.02.06 EMI (EM Integration) Support</b>				
SP0040	EMI (EM Integration)	251	01OCT98	30SEP99
SP0041	Dev Info Gather/Transmit	0	15DEC98	
SP0042	Impact Analysis of EMI	0	01APR99	
SP0043	Rpt Potential Interface	0	31AUG99	
<b>1.08.02.01.01.02.07 MPG Support</b>				
SP0044	MPG Support	23	01OCT98	02NOV98
SP0046	Submit Summary of	0	02NOV98	
<b>1.08.02.01.02 Site Implementation</b>				
<b>1.08.02.01.02.01 Baseline</b>				
<b>1.08.02.01.02.01.01 MYWPs</b>				
SP0045	FY99 MYWP Support	101	01OCT98	26FEB99
SP0070	FY00 MYWP Support	105	01MAR99	28JUL99
SP0150	BAS-99-003--Review	0	30JUL99	
SP0605	BAS-99-004--Facilitate	0	30AUG99	
SP0606	Supt Delivery Electronic	0	30AUG99	
<b>1.08.02.01.02.01.02 BUG Support</b>				
SP0050	BUG Support	22	01APR99*	30APR99
SP0051	Submit Sum Recommended	0	03MAY99	
<b>1.08.02.01.02.01.03 ISB</b>				
SP0055	ISB Support	62	01OCT98	31DEC98
SP0615	Provide Semi-Annual ISB	0	30NOV98	
SP0610	ISB Support	62	03MAY99*	30JUL99
SP0620	Provide Semi-Annual ISB	0	28MAY99	
<b>1.08.02.01.02.01.03.01 Site EM Spec</b>				
SP0060	Site EM Spec	251	01OCT98	30SEP99
SP0061	Proposed Rev Annotated	0	29JAN99*	
SP0062	Revised Site EM Spec for	0	28MAY99	
<b>1.08.02.01.02.01.03.02 SMBS</b>				
SP0065	SMBS Support	251	01OCT98	30SEP99
SP00630	Submit Sep PMBS Rpt to	0	09OCT98	
SP0625	BAS-99-002--Submit Sep	0	23OCT98	

	1998	1999	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	DEC
OCT	NOV												
SP0034	Qtrly Report to RL												
SP0036	Qtrly Report to RL												
<b>1.08.02.01.02.05 Enhanced Performance Planning Integration</b>													
SP0035	Support Mission Plng Guidance Dev for Enh Perf												
SP0051	Assessmeht of TIPs												
SP0050	ID Trkg/Rptg System for Enh Perf Initiatives												
SP0053	Qtrly Report to RL												
SP0054	Supt Baseline Update Guidance Dev for Enh Perf												
SP0052	Qtrly Report to RL												
SP0055	Rpt Potential Interface Opport for EM Complex◆												
SP0056	Qtrly Report to RL												
<b>1.08.02.01.01.02.06 EMI (EM Integration) Support</b>													
SP0040	EMI (EM Integration)												
SP0041	Dev Info Gather/Transmit												
SP0042	Impact Analysis of EMI												
SP0043	Rpt Potential Interface												
<b>1.08.02.01.01.02.07 MPG Support</b>													
SP0044	MPG Support												
SP0046	Submit Summary of Recommended MPG Changes to RL												
<b>1.08.02.01.02 Site Implementation</b>													
<b>1.08.02.01.02.01 Baseline</b>													
<b>1.08.02.01.02.01.01 MYWPs</b>													
SP0045	FY99 MYWP Support												
SP0070	FY00 MYWP Support												
SP0150	BAS-99-003--Review												
SP0605	BAS-99-004--Facilitate												
SP0606	Supt Delivery Electronic												
<b>1.08.02.01.02.01.02 BUG Support</b>													
SP0050	BUG Support												
SP0051	Submit Sum Recommended												
<b>1.08.02.01.02.01.03 ISB</b>													
SP0055	ISB Support												
SP0615	Provide Semi-Annual ISB												
SP0610	ISB Support												
SP0620	Provide Semi-Annual ISB												
<b>1.08.02.01.02.01.03.01 Site EM Spec</b>													
SP0060	Site EM Spec												
SP0061	Proposed Rev Annotated Spec for RL Approval												
SP0062	Revised Site EM Spec for RL Approval												
<b>1.08.02.01.02.01.03.02 SMBS</b>													
SP0065	SMBS Support												
SP00630	Submit Sep PMBS Rpt to HANDI												
SP0625	BAS-99-002--Submit Sep SMBS/IPAIR to RL-PID												
<b>1.08.02.01.02.01.03.03</b>													
SP0066	SMBS Support												

	Activity Description	Orig Dur	Early Start	Early Finish	OCT 1998	NOV 1998	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	DEC
SP0654	Submit Oct PMBS Rpt to	0		06NOV98		◆Submit Oct PMBS Rpt to HANDI											
SP0625	BAS-99-002--Submit Oct	0		20NOV98		◆BAS-99-002--Submit Oct SMBS/IPAIR to RL-PID											
SP0656	Submit Nov PMBS Rpt to	0		08DEC98		◆Submit Nov PMBS Rpt to HANDI											
SP0627	BAS-99-002--Submit Nov	0		22DEC98		◆BAS-99-002--Submit Nov SMBS/IPAIR to RL-PID											
SP0657	Submit Dec PMBS Rpt to	0		11JAN99*		◆Submit Dec PMBS Rpt to HANDI											
SP0628	BAS-99-002--Submit Dec	0		25JAN99*		◆BAS-99-002--Submit Dec SMBS/IPAIR to RL-PID											
SP0658	Submit Jan PMBS Rpt to	0		05FEB99*		◆Submit Jan PMBS Rpt to HANDI											
SP0629	BAS-99-002--Submit Jan	0		22FEB99*		◆BAS-99-002--Submit Jan SMBS/IPAIR to RL-PID											
SP0659	Submit Feb PMBS Rpt to	0		05MAR99		◆Submit Feb PMBS Rpt to HANDI											
SP0631	BAS-99-002--Submit Feb	0		19MAR99		◆BAS-99-002--Submit Feb SMBS/IPAIR to RL-PID											
SP0661	Submit Mar PMBS Rpt to	0		09APR99		◆Submit Mar PMBS Rpt to HANDI											
SP0632	BAS-99-002--Submit Mar	0		23APR99		◆BAS-99-002--Submit Mar SMBS/IPAIR to RL-PID											
SP0662	Submit Apr PMBS Rpt to	0		07MAY99		◆Submit Apr PMBS Rpt to HANDI											
SP0633	BAS-99-002--Submit Apr	0		21MAY99		◆BAS-99-002--Submit Apr SMBS/IPAIR to RL-PID											
SP0663	Submit May PMBS Rpt to	0		07JUN99*		◆Submit May PMBS Rpt to HANDI											
SP0634	BAS-99-002--Submit May	0		21JUN99*		BAS-99-002--Submit May SMBS/IPAIR to RL-PID◆											
SP0664	Submit Jun PMBS Rpt to	0		12JUL99*		◆Submit Jun PMBS Rpt to HANDI											
SP0636	BAS-99-002--Submit Jun	0		26JUL99*		BAS-99-002--Submit Jun SMBS/IPAIR to RL-PID◆											
SP0666	Submit Jul PMBS Rpt to	0		06AUG99		◆Submit Jul PMBS Rpt to HANDI											
SP0637	BAS-99-002--Submit Jul	0		20AUG99		BAS-99-002--Submit Jul SMBS/IPAIR to RL-PID◆											
SP0667	Submit Aug PMBS Rpt to	0		03SEP99*		Submit Aug PMBS Rpt to HANDI◆											
SP0638	BAS-99-002--Submit Aug	0		20SEP99*		BAS-99-002--Submit Aug SMBS/IPAIR to RL-PID◆											
<b>1.08.02.01.02.01.04 Cost Analysis &amp; Benchmarking</b>																	
SP0075	SSS Support	251	01OCT98	30SEP99													SSS Support
SP0635	BAS-99-001--Submit	0		30NOV98		◆BAS-99-001--Submit Semi-Annual SSS to RL-PID											
SP0640	BAS-99-005--Submit	0		14APR99		◆BAS-99-005--Submit Semi-Annual SSS to RL-PID											
<b>1.08.02.01.02.01.04 Cost Analysis &amp; Benchmarking</b>																	
SP0095	Cost Analysis &	251	01OCT98	30SEP99													Cost Analysis & Bench
SP0645	Cost Summary Comparison	0		01JUN99*		◆Cost Summary Comparison Report											
SP0650	Revised Code of Accounts	0		01JUN99*		◆Revised Code of Accounts											
<b>1.08.02.01.02.01.05 PBS Performance Metrics Updated</b>																	
SP0100	PBS Perf Metrics Updated	146	01OCT98	30APR99													PBS Perf Metrics Updated
SP0655	Submit PBSs to RL	0		18DEC98		◆Submit PBSs to RL (Supports BAS-99-006)											
SP0660	Submit Updated FY01 PBSs	0		15APR99		◆Submit Updated FY01 PBSs (Supts BUD-99-003)											
<b>1.08.02.01.02.01.06 Annual PBS Update Part 'A'</b>																	
SP0105	Annual PBS Update Part 'A'	135	01OCT98	15APR99													Annual PBS Update Part 'A'
SP0106	BAS-99-006--Submit FY01	0		18DEC98		◆BAS-99-006--Submit FY01 PBSs to RL											
SP0665	PBS Part 'A' Support	116	16APR99	30SEP99													PBS Part 'A' Support
<b>1.08.02.01.02.01.07 Risk Communication</b>																	
SP0110	Risk Communication	251	01OCT98	30SEP99													Risk Communication
<b>1.08.02.01.02.01.08 Risk Program Integration</b>																	
SP0115	Risk Program Integration	251	01OCT98	30SEP99													Risk Program Integration

	Activity Description	Orig Dur	Early Start	Early Finish	1998	1999	NOV	DEC						
		OCT	NOV	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	DEC
1.08.02.01.02.01.09	Risk Mgmt Plan													
SP0125	Risk Mgmt Plan	87	01MAR99*	30JUN99										
SP0126	Publish HNF-MP-005,	0		30JUN99*										
1.08.02.01.02.02	Change Control													
1.08.02.01.02.02.01	Baseline Change Request													
SP0120	Baseline Change Request	251	01OCT98	30SEP99										
SP0121	BCCM Phase II Complete	0		31MAR99										
SP0122	BCCM Phase III Complete	0		30AUG99										
1.08.02.01.02.02.01.01	Technical Change Control Analysis													
SP0155	Technical Change Control	251	01OCT98	30SEP99										
1.08.02.01.02.02.01.02	Schedule Change Control													
SP0140	Schedule Change Control	251	01OCT98	30SEP99										
1.08.02.01.02.02.01.03	Cost Change Control													
SP0145	Cost Change Control	251	01OCT98	30SEP99										
1.08.02.01.02.03	Assessments													
1.08.02.01.02.03.01	Integrated Performance Measures													
SP0160	Integrated Perf Measures	251	01OCT98	30SEP99										
1.08.02.01.02.03.01.01	Perf Obj/Metrics Sup MYWP/AWP													
SP0525	Perf Obj/Metrics Sup MYWP	251	01OCT98	30SEP99										
SP0685	MYWP/AWP Data Support 2	0		30JUL99*										
SP0690	MYWP/AWP Data Support 2	0		30AUG99										
1.08.02.01.02.03.01.02	Perf Metrics Supporting Budget Sub													
SP0530	Perf Metrics Sup Budget	146	01OCT98	30APR99										
SP0695	Update Budget Metrics	0		16NOV98										
SP0700	Update Budget Metrics	0		15JAN99*										
SP0705	Update Budget Metrics	0		15APR99										
1.08.02.01.02.03.01.03	EM Mgmt Commitments Support													
SP0535	EM Mgmt Commitments	251	01OCT98	30SEP99										
SP0536	AST-99-001--EM Mgmt	0		30SEP99*										
1.08.02.01.02.04	Reporting													
1.08.02.01.02.04.01	HSPR/QMR Input													
SP0180	HSPR/QMR Input	251	01OCT98	30SEP99										
SP0738	Submit Sep 98 HSPR	0		06NOV98										
SP0726	Submit Oct 98 HSPR	0		04DEC98										
SP0727	Submit Nov 98 HSPR	0		06JAN99*										
SP0728	Submit Dec 98 HSPR	0		29JAN99*										
SP0729	Submit Jan 99 HSPR	0		26FEB99*										
SP0731	Submit Feb 99 HSPR	0		26MAR99										
SP0732	Submit Mar 99 HSPR	0		30APR99										
SP0733	Submit Apr 99 HSPR	0		28MAY99										
SP0734	Submit May 99 HSPR	0		01JUL99*										
SP0736	Submit Jun 99 HSPR	0		30JUL99*										
SP0737	Submit Jul 99 HSPR	0		27AUG99										

	Activity Description	Orig Dur	Early Start	Early Finish	1998	1999	NOV	DEC						
		OCT	NOV	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	DEC
SP0725	Submit Aug 99 HSPR	0	30SEP99*										◆ Submit Aug 99 HSPR	
1.08.02.01.02.04.02	PTS/Replacement													PTS/Replacement
SP0185	PTS/Replacement	251	01OCT98	30SEP99										
SP0739	Submit Sep 98 PTS	0	28OCT98											
SP0741	Submit Oct 98 PTS	0	01DEC98											
SP0742	Submit Nov 98 PTS	0	18DEC98											
SP0743	Submit Dec 98 PTS	0	22JAN99*											
SP0744	Submit Jan 99 PTS	0	19FEB99*											
SP0746	Submit Feb 99 PTS	0	18MAR99											
SP0747	Submit Mar 99 PTS	0	20APR99											
SP0748	Submit Apr 99 PTS	0	20MAY99											
SP0749	Submit May 99 PTS	0	18JUN99*											
SP0751	Submit Jun 99 PTS	0	21JUL99*											
SP0752	Submit Jul 99 PTS	0	19AUG99											
SP0730	Submit Aug 99 PTS	0	21SEP99*											
1.08.02.01.02.04.03	Quarterly Strategic Progress Report													
SP0190	Qtrly Strategic Progress Rpt	251	01OCT98	30SEP99										Qtrly Strategic Prog
SP0191	Initial Qtrly Strategic	0	31MAR99											
SP0192	Qtrly Update	0	30JUN99*											
SP0193	Qtrly Update	0	30SEP99*											
1.08.02.01.02.04.04	Annual Report Support													
SP0195	Annual Report Support	251	01OCT98	30SEP99										Annual Report Support
1.08.02.01.02.04.05	Annual EM Liability Summary													
SP0200	Annual EM Liability	251	01OCT98	30SEP99										Annual EM Liability Su
1.08.02.01.02.04.06	Site Staffing													
SP0205	Site Staffing	251	01OCT98	30SEP99										Site Staffing
SP0721	Submit Sep 98 PHMC	0	15OCT98											
SP0722	Submit Oct 98 PHMC	0	16NOV98											
SP0723	Submit Nov 98 PHMC	0	15DEC98											
SP0715	Submit Workforce	0	31DEC98											
SP0724	Submit Dec 98 PHMC	0	15JAN99*											
SP0753	Submit Jan 99 PHMC	0	16FEB99*											
SP0754	Submit Feb 99 PHMC	0	15MAR99											
SP0710	Submit Multi-Yr Yr-End FTE	0	15APR99											
SP0756	Submit Mar 99 PHMC	0	15APR99											
SP0757	Submit Apr 99 PHMC	0	17MAY99											
SP0758	Submit May 99 PHMC	0	15JUN99*											
SP0759	Submit Jun 99 PHMC	0	15JUL99*											
SP0761	Submit Jul 99 PHMC	0	16AUG99											
SP0762	Submit Aug 99 PHMC	0	15SEP99*											
1.08.02.01.02.04.07	Cost Savings													
SP0210	Cost Savings	251	01OCT98	30SEP99										Cost Savings

#	Activity Description	Orig Dur	Early Start	Early Finish	1998												1999												
					OCT	NOV	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	DEC												
1.08.02.01.02.04.08	PHMC Report																												
SP0215	PHMC Report	251	01OCT98	30SEP99																									PHMC Report
SP0763	Submit Sep PHMC Report	0		06NOV98																									
SP0764	Submit Oct PHMC Report	0		04DEC98																									
SP0766	Submit Nov PHMC Report	0		08JAN99																									
SP0767	Submit Dec PHMC Report	0		29JAN99																									
SP0768	Submit Jan PHMC Report	0		26FEB99																									
SP0769	Submit Feb PHMC Report	0		26MAR99																									
SP0771	Submit Mar PHMC Report	0		30APR99																									
SP0772	Submit Apr PHMC Report	0		28MAY99																									
SP0773	Submit May PHMC Report	0		25JUN99																									
SP0774	Submit Jun PHMC Report	0		30JUL99																									
SP0776	Submit Jul PHMC Report	0		27AUG99																									
SP0735	Submit Aug PHMC Report	0		01OCT99																									
1.08.02.01.02.04.09	CFO Briefing Support																												
SP0220	CFO Briefing Support	251	01OCT98	30SEP99																									CFO Briefing Support
1.08.02.01.02.04.10	Critical Items																												Critical Items
SP0225	Critical Items	251	01OCT98	30SEP99																									
SP0777	Submit Oct Bi-Wkly Critical	0		09OCT98																									
SP0778	Submit Oct Bi-Wkly Critical	0		23OCT98																									
SP0779	Submit Nov Bi-Wkly Critical	0		06NOV98																									
SP0781	Submit Nov Bi-Wkly Critical	0		20NOV98																									
SP0782	Submit Dec Bi-Wkly Critical	0		04DEC98																									
SP0783	Submit Dec Bi-Wkly Critical	0		18DEC98																									
SP0784	Submit Dec Bi-Wkly Critical	0		31DEC98																									
SP0786	Submit Jan Bi-Wkly Critical	0		08JAN99																									
SP0226	Submit Jan Bi-Wkly Critical	0		22JAN99																									
SP0787	Submit Feb Bi-Wkly Critical	0		05FEB99																									
SP0788	Submit Feb Bi-Wkly Critical	0		19FEB99																									
SP0789	Submit Mar Bi-Wkly Critical	0		05MAR99																									
SP0791	Submit Mar Bi-Wkly Critical	0		19MAR99																									
SP0792	Submit Apr Bi-Wkly Critical	0		02APR99																									
SP0793	Submit Apr Bi-Wkly Critical	0		16APR99																									
SP0824	Submit Apr Bi-Wkly Critical	0		30APR99																									
SP0794	Submit May Bi-Wkly Critical	0		14MAY99																									
SP0796	Submit May Bi-Wkly Critical	0		28MAY99																									
SP0797	Submit Jun Bi-Wkly Critical	0		11JUN99																									
SP0798	Submit Jun Bi-Wkly Critical	0		25JUN99																									
SP0799	Submit Jul Bi-Wkly Critical	0		09JUL99																									
SP0801	Submit Jul Bi-Wkly Critical	0		23JUL99																									
SP0802	Submit Aug Bi-Wkly Critical	0		06AUG99																									
SP0803	Submit Aug Bi-Wkly Critical	0		20AUG99																									
SP0804	Submit Sep Bi-Wkly Critical	0		03SEP99																									

	Activity Description	Orig Dur	Early Start	Early Finish
SP074u	Submit Sep Bi-Wkly Critical	0		17SEP99*
<b>1.08.02.01.02.04.11</b>	<b>RL/PHMC Senior Mgmt Review</b>			
SP0230	RL/PHMC Senior Mgmt	251	01OCT98	30SEP99
SP0806	Submit RL/PHMC Sep	0		02NOV98
SP0807	Submit RL/PHMC Oct	0		07DEC98
SP0808	Submit RL/PHMC Nov	0		04JAN99*
SP0809	Submit RL/PHMC Dec	0		25JAN99*
SP0811	Submit RL/PHMC Jan	0		22FEB99*
SP0812	Submit RL/PHMC Feb	0		22MAR99
SP0813	Submit RL/PHMC Mar	0		26APR99
SP0814	Submit RL/PHMC Apr	0		24MAY99
SP0816	Submit RL/PHMC May	0		28JUN99*
SP0817	Submit RL/PHMC Jun	0		26JUL99*
SP0818	Submit RL/PHMC Jul	0		23AUG99
SP0745	Submit RL/PHMC Aug	0		27SEP99*
<b>1.08.02.01.02.04.12 Projections/Outlays Reports</b>				
SP0235	Projections/Outlays Reports	251	01OCT98	30SEP99
SP0750	Submit FY99 Outlay	0		15JAN99
SP0755	Submit FY99 Outlay	0		15APR99
SP0760	Submit FY99 Outlay	0		15JUL99*
SP0765	Submit FY00 Outlay	0		15SEP99*
<b>1.08.02.01.02.05 Budget Formulation</b>				
<b>1.08.02.01.02.05.01 UNICALL</b>				
SP0255	UNICALL	166	04JAN99*	27AUG99
SP0770	Submit FY00 Unicall	0		28MAY99
<b>1.08.02.01.02.05.02 OMB A-11 Part 'B'</b>				
SP0260	OMB A-11 Part 'B'	166	04JAN99*	27AUG99
SP0261	Submit Prelim FY01 OMB	0		15JUL99*
<b>1.08.02.01.02.05.03 OMB Budget Submission</b>				
SP0265	OMB Budget Submission	146	01FEB99*	27AUG99
SP0266	Submit FY01 Budget/Sup	0		15APR99
<b>1.08.02.01.02.05.04 IPL</b>				
SP0270	IPL	251	01OCT98	30SEP99
SP0775	BUD-99-001-Submit Draft	0		26FEB99*
SP0780	BUD-99-002-Submit FY01	0		15APR99
<b>1.08.02.01.02.05.05 PBS Part 'B'</b>				
SP0275	PBS Part 'B'	146	01OCT98	30APR99
SP0819	Support FY01 PBS Sub	0		18DEC98
SP0790	BUD-99-003-Submit	0		15APR99
SP0785	PBS Part 'B' Support	85	03MAY99*	01SEP99
<b>1.08.02.01.02.05.06 Reviews / Budget Exercises Support</b>				
SP0280	Reviews/Bud Exercises Sup	251	01OCT98	30SEP99

Ty	Activity Description	Orig Dur	Early Start	Early Finish	1999													
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	DEC
1.08.02.01.02.05.07	IRB Corporate Forum Support																	
SP0285	IRB Corporate Forum	166	01FEB99*	27SEP99														
SP0286	Support to Corporate Forum	0		14MAY99														
1.08.02.01.02.05.08	Public Meetings																	
SP0290	Public meetings	251	01OCT98	30SEP99														
SP0795	Support Public Mtgs for	0		28MAY99														
1.08.02.01.02.05.09	Pricing Validation Review Support																	
SP0295	Pricing Validation Review	188	04JAN99*	29SEP99														
SP0670	Support Pricing Val for FY01	0		30JUN99*														
1.08.02.01.02.05.10	Public Comment Response Document																	
SP0300	Public Comment Response	106	01FEB99*	30JUN99														
SP0800	Compile Comments from	0		30JUN99*														
1.08.02.01.02.05.11	R/S/T Interface Support																	
SP0305	R/S/T Interface Support	146	02NOV98	02JUN99														
1.08.02.01.02.06	Data System (IPARS)																	
1.08.02.01.02.06.01	CMM Module																	
SP0325	CMM Module	251	01OCT98	30SEP99														
1.08.02.01.02.06.02	IPL Module																	
SP0330	IPL Module	251	01OCT98	30SEP99														
1.08.02.01.02.06.03	MYWP Module																	
SP0335	MYWP Development	146	01OCT98	30APR99														
SP0541	MYWP Requirements	0		31DEC98														
SP0555	MYWP Maintenance	105	03MAY99	30SEP99														
SP0540	Complete MYWP Module in	0		28MAY99														
SP0542	DSI-99-001--Deliver	0		30AUG99														
DSI-99-001--Deliver Electronic MYWPs (HANDI)◆																		
1.08.02.01.02.06.04	BCC Module																	
SP0340	BCC Module	251	01OCT98	30SEP99														
1.08.02.01.02.06.05	PBS Module																	
SP0345	PBS Module Development	60	01DEC98*	26FEB99														
SP0566	PBS Requirements Defined	0		31DEC98														
SP0560	PBS Module Maintenance	150	01MAR99	30SEP99														
SP0565	Complete PBS Module in	0		31MAR99														
◆Complete PBS Module in IPARS																		
1.08.02.01.02.06.06	Forecast Module																	
SP0350	Forecast Module	251	01OCT98	30SEP99														
1.08.02.01.02.06.07	PTS/IPABS Transition Module																	
SP0355	PTS/IPABS Development	124	01OCT98	31MAR99														
SP0550	PTS/IPABS Maintenance	127	01APR99	30SEP99														
PTS/IPABS Maintenance◆																		
1.08.02.01.02.06.08	IPARS Project Mgmt																	
SP0360	IPARS Project Mgmt	251	01OCT98	30SEP99														
SP0545	IPARS Hardware/Software	20	04JAN99*	29JAN99														
IPARS Hardware/Software◆																		
1.08.02.01.02.07	Data Systems Ops & Maintenance																	
1.08.02.01.02.07.01	WBS																	
SP0370	WBS Charts	251	01OCT98	30SEP99														
WBS Charts◆																		

/	Activity Description	Orig Dur	Early Start	Early Finish	OCT 1998	NOV	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	DEC
1.08.02.01.02.07.02	P3 Operations & Maintenance																
SP0375	P3 Ops & Maintenance	251	01OCT98	30SEP99													
1.08.02.01.02.07.03	CMM Configuration Mgmt																
SP0380	CMM Reports & MDSs	251	01OCT98	30SEP99													
SP0381	Electronic Linkage of MS	0		31MAR99													
1.08.02.01.03	Administration																
1.08.02.01.03.01	1.8.2.1																
1.08.02.01.03.01.01	Management & Supervision																
SP0385	Mgmt & Supervision	251	01OCT98	30SEP99													
1.08.02.01.03.01.02	Site P&I Performance & Invoicing																
SP0390	Site P&I Perf & Invoicing	251	01OCT98	30SEP99													
SP0585	FY98 Yr-End 1.8.2.1	0		30OCT98													
SP0571	PBS Update	0		11DEC98													
SP0590	1st Qtr 1.8.2.1 Progress	0		29JAN99*													
SP0570	PBS Update	0		08APR99													
SP0595	Mid-Yr 1.8.2.1 Progress	0		30APR99													
SP0575	Review MYWP Baseline	0		30JUL99*													
SP0600	3rd Qtr 1.8.2.1 Progress	0		30JUL99*													
SP0580	Updated MYWP for Final	0		31AUG99													
1.08.02.01.03.01.03	P&I Work Plan																
SP0395	P&I Work Plan	251	01OCT98	30SEP99													
1.08.02.01.03.02	Site																
1.08.02.01.03.02.01	Reprogramming																
SP0400	Reprogramming	188	04JAN99*	29SEP99													
1.08.02.01.03.02.02	Passbacks																
SP0405	Passbacks	169	01FEB99*	30SEP99													

#### **4.0 COST BASELINE**

##### **4.1 Estimate Basis**

The basis of estimate for this project was arrived at using the principles of Activity Based Costing (ABC) in which the project was segmented into discrete supporting activities. Costs were assigned to specific cost elements based on historical use patterns (trends), published rate tables, and ROM estimates. A detailed basis of estimate has been provided to RL under separate cover. The cost account manager for Site Planning and Integration maintains a complete set of sub-activity cost data that is available for review upon request.

**4.2 Summary of Life-cycle Cost Baseline (BCWS) by Project**

See Pages 1-16 and 1-17.

**EXHIBIT 1**

**SUPPORT  
SUMMARY OF LIFE CYCLE COST BASELINE (BCWS) BY YEAR  
BY PROJECT BASELINE SUMMARY (PBS)**

<sup>1</sup>Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); FY 1998 Carryover Is NOT Included.

**2FDM Managed Workscope Includes \$5,500K BCWS Plus \$640K FY 1997 Carryover Less \$262K of Workscope with No Funds = \$5,878**

<sup>3</sup>EDH Managed Workscope for FY 1999. Includes \$5.3MOK BCWS.

**EXHIBIT 1**

**SUPPORT  
SUMMARY OF LIFE CYCLE COST BASELINE (BCWS) BY YEAR  
BY PROJECT BASELINE SUMMARY (PBS)  
FY 1999  
(\$000s)**

<sup>1</sup>Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover is NOT Included.

**4.3 Summary of Life-cycle Budget Authority by Project**  
See Page 1-19.

**SUPPORT  
SUMMARY OF BUDGET AUTHORITY (B/A) BY YEAR  
BY PROJECT BASELINE SUMMARY (PBS)  
FY 1999  
(\$000s)**

<sup>1</sup>Estimated Carryover Is NOT Included In Cost Baseline; Change Request For Actual Carryover Submitted After September 30, 1998.

<sup>2</sup>B/A Includes \$5,300K For FDH and \$1,260K Held By RL = \$6,560K (\$7,000 Original Funds Less \$440K HQ Reduction).

<sup>3</sup>No FY 1998 Carryover Funds Anticipated.

**4.4 Cost Baseline BCWS for Execution Year by Month by Fund Type**

This chart cannot be provided at this time due to the system limitations. It is anticipated that the ability to publish this report will be available through PERF by mid-October 1998.

**4.5 Cost Baseline BCWS for Execution Year by Month by Resource Type**

This chart cannot be provided at this time due to the system limitations. It is anticipated that the ability to publish this report will be available through PERF by mid-October 1998.

## Appendices

### Additional Requirements

#### **A. Special TPA report**

Not applicable to this project.

#### **B. Site Planning and Integration Priority List/Budget Allocation**

The priority list is attached as Page A-2 and A-3 of this section. The following is the summary budget profile encompassing all workscope to be performed under

Fluor Daniel Hanford	\$5,300,000
Pacific Northwest National Laboratory	1,000,000
RL Managed Work Scope	316,000
<b>Total FY 1999 Allocation</b>	<b>\$6,616,000</b>

#### **C. Performance Enhancements**

Not applicable to this project.

#### **D. Performance Objectives and Measures and Associated Backup Information**

The Performance Objectives and Measures and associated backup information are attached as Page A-4 through A-22 of this section.

**SITE PLANNING & INTEGRATION 1.8.2.1  
FY 99 Priority List Sorted by Functional Area (FDH Workscope Only)**

			BCWS
<b>MANAGEMENT PROCEDURES, POLICIES &amp; TRAINING</b>	Surveillance/Assessment Support	\$50,496	
<b>WBS: 1.8.2.1.1.1</b>		\$50,496	
<b>STRATEGIC PLANNING</b>	Hanford Strategic Plan	101,270	
<b>WBS: 1.8.2.1.1.2</b>	Site Implementation Plan (Paths to Closure)	140,795	
	PHMC Balanced Scorecard	25,668	
	Site Issues Management & Analysis	147,001	
	Enhanced Performance Planning Integration	116,185	
	EM I (EM Integration) Support	37,010	
	MPG Support	3,784	
		<b>567,929</b>	
<b>BASELINE</b>	MYWPs	171,460	
<b>WBS: 1.8.2.1.2.1</b>	BUG Support	10,974	
	ISB	54,155	
	Site EM Spec	32,966	
	SMBS	138,872	
	SSS	16,958	
	Cost Analysis & Benchmarking	116,517	
	PBS Performance Metrics Updated	60,591	
	Annual PBS Update Part 'A'	114,890	
	Risk Communication	8,699	
	Risk Program Integration	8,776	
	Risk Management Plan	9,978	
		<b>744,836</b>	
<b>CHANGE CONTROL</b>	Baseline Change Request	162,169	
<b>WBS: 1.8.2.1.2.2</b>	Technical Change Control Analysis	29,914	
	Schedule Change Control Analysis	19,181	
	Cost Change Control Analysis	19,408	
		<b>230,672</b>	
<b>ASSESSMENTS</b>	Integrated Performance Measures	22,508	
<b>WBS: 1.8.2.1.2.3</b>	Performance Objectives/Metrics Supporting MYWP/AWP	13,225	
	Performance Metrics Supporting Budget Submission	5,872	
	EM Management Commitments Support	6,669	
		<b>48,274</b>	
<b>REPORTING</b>	HSPR/QMR Input	261,357	
<b>WBS: 1.8.2.1.2.4</b>	PTS/Replacement	35,230	
	Quarterly Strategic Progress Report	20,047	
	Annual Report Support	3,229	
	Annual EM Liability Summary	27,450	
	Site Staffing	22,850	
	Cost Savings	89,689	
	PHMC Report	79,612	
	CFO Briefing Support	4,697	

**SITE PLANNING & INTEGRATION 1.8.2.1  
FY 99 Priority List Sorted by Functional Area (FDH Workscope Only)**

		<b>BCWS</b>
Critical Items		17,140
RL/PHMC Senior Management Review		42,814
Projections/Outlays Report		5,284
		<b>609,399</b>
<b>BUDGET FORMULATION</b>		
<b>WBS: 1.8.2.1.2.5</b>		
Unicall		5,908
OMB A-11 Part 'B'		1,468
OMB Budget Submission		13,327
IPL		161,643
PBS Part 'B'		54,847
Reviews/Budget Exercises Support		76,019
IRB Corporate Forum Support		10,049
Public Meetings		14,841
Pricing Validation Review Support		7,340
Public Comment Response Document		5,687
R/S/T Interface Support		6,868
		<b>357,997</b>
<b>DATA SYSTEMS (IPARS)</b>		
<b>WBS: 1.8.2.1.2.6</b>		
CMM Module		29,400
IPL Module		14,424
MYWP Module		92,434
BCC Module		55,464
PBS Module		115,544
Forecast Module		14,424
PTS/IPABS Transition Module		262,000
IPARS Project Management		89,273
		<b>672,963</b>
<b>DATA SYSTEMS OPERATIONS AND MAINTENANCE</b>		
<b>WBS: 1.8.2.1.2.7</b>		
WBS		3,024
P3 Operations & Maintenance		90,833
CMM Configuration Management		72,808
		<b>166,665</b>
<b>1.8.2.1</b>		
<b>WBS: 1.8.2.1.3.1</b>		
Management & Supervision		766,953
SP&I Performance & Invoicing		183,732
P&I Work Plan		889,450
		<b>1,840,135</b>
<b>SITE</b>		
<b>WBS: 1.8.2.1.3.2</b>		
Site Reprogramming		3,914
PHMC Passbacks		2,936
		<b>6,850</b>
<b>TOTAL FUNDING</b>		<b>\$5,300,000</b>
<b>BUY BACK</b>	Supplement to PTS/IPABS Transition Module	\$300,000

# Performance Objectives and Measures

## Site Planning and Integration

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment	End Point Target			
					FY 1999	FY 2000	FY 2001	FY 97-06
OT01-SP&I  Manage Hanford to achieve progress	Projectize Hanford for clear management accountability, responsibility and authority	Contractor project management system for managing Site work implemented and operating successfully	Control cost/schedule variance: WBS 1.8.2.1 cost/schedule performance is within established thresholds	No 09/30/1999	-5 CV/-7.5%SV	-5 CV/-7.5%SV	-5 CV/-7.5%SV	
			Milestones met on schedule: WBS 1.8.2.1 milestone/technical performance in accordance with the approved baseline/schedule	No 09/30/1999				
			Optimize activities; appropriate activity sequence: Update the Path to Closure document	No 06/01/1999				
			Optimize activities; appropriate activity sequence: Update the Path to Closure document	No 12/18/1999				
			Optimize activities; appropriate activity sequence: Update the Path to Closure document	No 12/18/2000				
			Optimize activities; appropriate activity sequence: Update the PBS	No 12/18/1998				
			Optimize activities; appropriate activity sequence: Update the PBS	No 04/15/1999	4/15/99	4/15/00	4/15/01	
			Optimize activities; appropriate activity sequence: Update the PBS	No 12/18/1999				
			Optimize activities; appropriate activity sequence: Update the PBS	No 12/18/2000				

# Performance Objectives and Measures

## Site Planning and Integration

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment	FY 1999	FY 2000	FY 2001	FY 97-06	End Point Target
<b>OT01-SP&amp;I</b> Manage Hanford to achieve progress	Projectize Hanford for clear management accountability, responsibility and authority	Contractor project management system for managing Site work implemented and operating successfully	Optimize activities; appropriate activity sequencing: Update the Path To Closure (PTC) document	No 12/18/1998					
			Optimize activities; minimize redundancies: PTC mid-FY data consistency/traceability validation	No 03/30/1999					
			Optimize activities; minimize redundancies: PTC end-of-FY data consistency/traceability validation	No 09/30/1999					
			Procedures in Place: Assess PHMC adherence to data integration/traceability/consistency; assess efficiency of BCWS/BCWP/ACWP procedures; and assess PHMC data systems to policies/procedures (3 year end)	No 09/30/1999					
			Procedures in Place: Assess PHMC adherence to data integration/traceability/consistency; assess efficiency of BCWS/BCWP/ACWP procedures; and assess PHMC data systems to policies/procedures (3 initial)	No 03/31/1998					
	Establish and control project baselines	Defensible Mission baselines established and disciplined change control process in place	BCR baselines are reviewed/maintained: BCCM module Phase II complete	No 03/31/1999	96%	96%	96%		
			BCR baselines are reviewed/maintained: BCCM module Phase III complete where feasible	No 08/03/1999					

# Performance Objectives and Measures

## Site Planning and Integration

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment	FY 1999	FY 2000	FY 2001	FY 97-06	End Point Target
<b>OT01-SP&amp;I</b> Manage Hanford to achieve progress	Link key performance measures to results	Performance measures linked and aligned to strategic outcomes	Integrated PHMC PM process in place; PHMC balanced scorecard: initial PHMC balanced scorecard to RL-PID	No 12/18/1998					
			Integrated PHMC PM process in place; PHMC Balanced Scorecard: initial integrated performance measures delivered to RL-PID	No 01/15/1999					
			Integrated PHMC PM process in place; PHMC Balanced Scorecard: quarterly update to integrated performance measures delivered to RL-PID	No 03/31/1999					
			Integrated PHMC PM process in place; PHMC Balanced Scorecard: quarterly update to integrated performance measures delivered to RL-PID	No 06/30/1999					
			Integrated PHMC PM process in place; PHMC Balanced Scorecard: quarterly update to integrated performance measures delivered to RL-PID	No 09/30/1999					
			Integrated PHMC PM process in place;MYWP/AWP documentation: Performance Objectives/Metrics are documented in the MYWP/AWP and clearly linked to the HSP (draft)	No 07/30/1999					
			Integrated PHMC PM process in place;MYWP/AWP documentation: Performance Objectives/Metrics are documented in the MYWP/AWP and clearly linked to the HSP (final)	No 08/31/1999					

# Performance Objectives and Measures

## Site Planning and Integration

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment	FY 1999	FY 2000	FY 2001	FY 97-06	End Point Target
<b>OT01-SP&amp;I</b> Manage Hanford to achieve progress	Link key performance measures to results	Performance measures linked and aligned to strategic outcomes	Rptg/analysis focused on life cycle as well as near term; assess FY through FY+5 years: HSPR monthly reports will include historical, current, and a forward perspective that addresses life cycle issues, concerns and impacts.	No 09/30/1999					
	Projectize Hanford for clear management accountability, responsibility and authority	Senior and project managers have reliable information for assessing performance and making decisions	Accurate/consistent data; data traceable and consistent among key site documents: Provide semi-annual update of the Integrated Site Baseline (ISB)	No 05/28/1999					
			Accurate/consistent data; data traceable and consistent among key site documents: Provide semi-annual update of the Integrated Site Baseline (ISB)	No 11/02/1998	96%	96%	96%		
			Accurate/consistent data; data traceable and consistent among key site documents: Review planned updates to FY 2000 MYWP	No 07/30/1999					
			Accurate/consistent data; enhanced info mgmt capabilities thru computerization: Completion of MYWP module in IPARS	No 05/28/1999					
			Accurate/consistent data; enhanced info mgmt capabilities thru computerization: Provide integration support for on-line MYWP capability including ability to update baselines thru linkages to BCC where feasible	No 08/30/1999					
			Accurate/consistent data; enhanced info mgmt capabilities thru computerization: Support the operation/admin/mod and maintenance of the BCC module in IPARS	No 09/30/1999					

# Performance Objectives and Measures

## Site Planning and Integration

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment	End Point Target			
					FY 1999	FY 2000	FY 2001	FY 97-06
<b>OT01-SP&amp;I</b> Manage Hanford to achieve progress	Projectize Hanford for clear management accountability, responsibility and authority	Senior and project managers have reliable information for assessing performance and making decisions	Accurate/consistent data; HANDI/PERF consistent/traceable; Deliver RL WBS chart as required	No 09/30/1999				
			Meaningful information provided on time; FY99 budget submission: Coordinate/develop FY00 Treasury outlay estimates and submit to RL-BUD	No 09/15/1999				
			Meaningful information provided on time; FY99 budget submission: Coordinate/develop FY99 Treasury outlay estimates and submit to RL-BUD (draft)	No 01/15/1999				
			Meaningful information provided on time; FY99 budget submission: Coordinate/develop FY99 Treasury outlay estimates and submit to RL-BUD (update)	No 04/15/1999				
			Meaningful information provided on time; FY99 budget submission: Coordinate/develop FY99 Treasury outlay estimates and submit to RL-BUD (update)	No 07/15/1999				
			Meaningful information provided on time; FY99 budget submission: Submit draft FY01 PPL/IPL	No 02/26/1999				
			Meaningful information provided on time; FY99 budget submission: Submit FY01 OMB A-11 Part B crosscuts as requested	No 09/30/1999				
			Meaningful information provided on time; FY99 budget submission: Submit FY01 PPL/IPL	No 04/15/1999				
			Meaningful information provided on time; FY99 budget submission: Support RL in compiling financial data for the annual EM Liability Summary	No 09/30/1999				

# Performance Objectives and Measures

## Site Planning and Integration

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment	FY 1999	FY 2000	FY 2001	FY 97-06	End Point Target
<b>OT01-SP&amp;I</b> Manage Hanford to achieve progress	Projectize Hanford for clear management accountability, responsibility and authority	Senior and project managers have reliable information for assessing performance and making decisions	Meaningful information provided on time; Provide info/project reports: Coordinate/integrate/prepare/analyze/publish the monthly RL/PHMC Senior Management Project Review Critical Items Report	No 09/30/1999					
			Meaningful information provided on time; Provide info/project reports: Coordinate/prepare/publish the FDH bi-weekly Critical Items Report to the RL Manager	No 09/17/1999					
			Meaningful information provided on time; Provide info/project reports: Deliver Path To Closure FTE forecast	No 04/15/1999					
			Meaningful information provided on time; Provide info/project reports: Deliver PHMC Monthly Contract Status Report	No 09/30/1999					
			Meaningful information provided on time; Provide info/project reports: Deliver workforce restructuring FTE forecast	No 12/31/1998					
			Meaningful information provided on time; Provide info/project reports: Provide documentation demonstrating PHMC's contribution to cost saving \$2.5B target through 2006 per Salt Lake City commitments	No 09/30/1999					
			Meaningful information provided on time; Provide info/project reports: Support monthly RL-CFO briefings	No 09/30/1999					

A-9

## Performance Objectives and Measures

### Site Planning and Integration

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment	FY 1999	FY 2000	FY 2001	FY 97-06	End Point Target
<b>OT01-SP&amp;I</b> Manage Hanford to achieve progress	Projectize Hanford for clear management accountability, responsibility and authority	Senior and project managers have reliable information for assessing performance and making decisions	Meaningful information provided on time; Provide info/project reports: Deliver Hanford Site Performance Report monthly	No 09/30/1999	:	:	:	:	:

EM Performance Objectives, Measures and Expectations – CFO/FD Comparison (FOR DISCUSSION PURPOSES ONLY)

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/Rewrite
Critical Success Factor	Strategy						
A-11	Manage Hanford to achieve progress	Senior and project managers have reliable information for assessing performance and making decisions.	Data are accurate and consistent.	96% data quality traceable and 96% data quality consistent among key site documents (i.e., HSP, MYWP, ISB, AC/PC, IPL, Annual Report, HSPR and HANDI) (PID)	RL MILESTONE @ 1.8.2.1 LEVEL <ul style="list-style-type: none"> <li>1.1.2.1 – HSP</li> <li>2.1.1 – MYWPs</li> <li>2.1.3 – ISB</li> <li>2.1.6 – Annual PBS Update Part 'A'</li> <li>2.4.1 – HSPR</li> <li>2.4.4 – Annual Report Support</li> <li>2.5.5 – PBS Part 'B'</li> <li>Perf Module (Indirect)</li> </ul>	Reichmuth Ritter Agee Baynes	96% data quality traceable and 96% data quality consistent among key site baseline documents (i.e., HSP, MYWP, ISB, AC/PC) at the time of MYWP updates. (PID)
				HANDI 2000, P3, Performance Module and HANDI are all consistent and reflect traceable data from one system to the next (PID)	RL MILESTONE @ 1.8.2.1 LEVEL <ul style="list-style-type: none"> <li>1.1.1 – Surveillance/Assessment Support</li> <li>2.7.2 – P3 Operations &amp; Maintenance</li> <li>PERF Module Operations &amp; Maintenance</li> <li>HANDI Systems Dev/Maintenance</li> </ul>	Agee Maiden/ Schultz	No issue – fully covered in the MYWP
				Work scope identified in the annual budget submission must be traceable and/or identified in the IPL, which must be consistent and traceable to the baseline and 90% of the core (minimum safe and essential services) is independently reviewed (PID/BUD)	<ul style="list-style-type: none"> <li>2.1.1 – MYWPs</li> <li>2.1.6 – Annual PBS Update Part 'A'</li> <li>2.5.3 – OMB Budget Submission</li> <li>2.5.4 – IPL</li> </ul>	Reichmuth	Work scope identified in the annual budget submission must be traceable and/or identified in the IPL, which must be consistent and traceable to the baseline (PID/BUD)

Green = PID; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; *Italic any color = RL only*

EM Performance Objectives, Measures and Expectations – CFO/FD Comparison				(FOR DISCUSSION PURPOSES ONLY)			
Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite
Critical Success Factor	Strategy						
A-12				Enhanced information management capabilities through computerization.	On-line capability to display, print, and update MYWPs for all EM work to include the ability to update baselines (MYWP) through a linked baseline change module in place by 8/31/99 (PID)	** PEP ITEM RL MILESTONE <ul style="list-style-type: none"> <li>• 2.1.1 – MYWPs</li> <li>• 2.6.3 – MYWP Module</li> <li>• 2.6.4 – BCC Module</li> </ul>	Reichmuth Agee Schultz/ O'Neil
				Adequate procurement system with FDH (HANDI) operational and contract compliant (PRO)	N/A	N/A	N/A
				Develop and maintain a Budget Division Information System providing summary level historical, execution and formulation data (BUD)	N/A	N/A	N/A
				RL-EIS Phase II implemented by X date (FMD)	N/A	N/A	N/A
Manage Hanford to achieve progress	Projectize Hanford for clear management, accountability, responsibility, and authority	Senior and project managers have reliable information for assessing performance and making decisions. (continued)	Meaningful information provided on time.	Provide corporate and project information and performance reports, e.g., HSPR, QMR, budgets, etc., as identified in the MYWP/AWP, and as other requirements are identified (PID/BUD)	DELIVERABLE WITH SCHEDULE <ul style="list-style-type: none"> <li>• 2.4.1 – HSPR Input</li> <li>• 2.4.7 – Site Staffing</li> <li>• 2.4.8 – Cost Savings</li> <li>• 2.4.9 – PHMC Report</li> <li>• 2.4.10 – CFO Briefing</li> <li>• 2.4.11 – Critical Items</li> <li>• 2.4.12 – RL/PHMC Sr. Mgmt. Review</li> <li>• 2.4.13 – Projections/Outlay Report</li> </ul>	Murphy Agee	No Issue – fully covered in the MYWP

Green = PID; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; *Italic any color = RL only*

Green = PID; Blue = CFR; Red = BUD; Total = FMD; Magenta = PRO; Black = General; *Italic any color* = RL only

**EM Performance Objectives, Measures and Expectations – CFO/FD Comparison (FOR DISCUSSION PURPOSES ON**

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite	
Critical Success Factor	Strategy							
A-14				Cost and schedule performance is within acceptable variance (PID) <ul style="list-style-type: none"> <li>cost variance &lt;5%</li> <li>schedule variance &lt;7.5%</li> </ul>	MONTHLY DELIVERABLE (13.1) <ul style="list-style-type: none"> <li>1.3.1 – 1.8.2.1 Administration</li> <li>Project MYWPs (Project Direction)</li> </ul>	Schultz	Applicable to 1.8.2.1 only (i.e. SP&I does not control and is not accountable for Project performance)	
				Milestone/technical performance met on time in accordance with the approved baseline/schedule (PID)	MONTHLY DELIVERABLE (13.1) <ul style="list-style-type: none"> <li>1.3.1 – 1.8.2.1 Administration</li> <li>Project MYWPs (Project Direction)</li> </ul>	Schultz	Applicable to 1.8.2.1 only (i.e. SP&I does not control and is not accountable for Project performance)	
				A documented change control process is in place to assure changes to baselines are warranted and formally justified, authorized and validated as evidenced by <ul style="list-style-type: none"> <li>Change control procedures are issued</li> <li>Change control procedures contain adequate instruction on processing changes to technical, cost and schedule baselines including documentation and justification for such changes (PID)</li> </ul>	DELIVERABLE <ul style="list-style-type: none"> <li>2.2.1 – Baseline Change Request</li> <li>2.2.1.1 – Technical Change Control Analysis</li> <li>2.2.1.2 – Schedule Change Control Analysis</li> <li>2.2.1.3 – Cost Change Control Analysis</li> <li>MCS Procedures &amp; Training (Indirect)</li> </ul>	Reichmuth O'Neil Agee Baynes	No Issue – addressed in the MYWP/AWP	
				Activities are optimized.	Appropriate sequencing of activities to assure critical path accomplishments (PID)	DELIVERABLE <ul style="list-style-type: none"> <li>1.2.1 – Site Implementation Plan (Paths to Closure)</li> <li>Project MYWPs (Project Direction)</li> </ul>	Ritter Reichmuth	Performance is Projects' responsibility
				Redundancies of activities among projects are minimized (PID)	DELIVERABLE <ul style="list-style-type: none"> <li>1.2.1 – Site Implementation Plan (Paths to Closure)</li> <li>Project MYWPs (Project Direction)</li> </ul>	Ritter Reichmuth	Performance is Projects' responsibility	
Manage Hanford to achieve progress	Establish and control project baselines	Defensible project baselines established and disciplined change control process sustained.	Technical, cost and schedule baselines and change requests are reviewed and maintained.	<i>X%</i> of baselines are reviewed and endorsed by an independent reviewer, i.e. non-project staff (PID)	N/A	N/A	N/A	
				<i>X%</i> of projects have approved technical, cost and schedule baselines (PID)	N/A	N/A	N/A	

Green = PID; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; *Italic any color* = RL only

**EM Performance Objectives, Measures and Expectations – CFO/FD, Comparison**

				(FOR DISCUSSION PURPOSES ONLY)		
Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MWPP Location	SP&L Owner(s)
Critical Success Factor	Strategy					Comments/ Rewrite
				<p><i>Independent cost baselines reviewed are reconciled to within 10% of the agreed/revised project cost estimate (PID)</i></p> <p><i>Note: May combine these two one with input from <i>Lloyd Paper on policy statement (see Joe R)</i></i></p> <p><i>96% of approved BCRs are incorporated into the baseline within 30 days of RL approval (PID)</i></p> <p><i>Conduct pricing reviews and budget validation reviews consistent with CFO performance measure (CFO and BMO/P goals) (BLD)</i></p>	<p>N/A</p> <p>DELIVERABLE (Demonstrate incorporation in cost, schedule &amp; scope)</p> <ul style="list-style-type: none"> <li>2.2.1 – Baseline Change Request</li> </ul> <p>N/A</p>	<p>N/A</p> <p>Schultz</p> <p>Project performance validated/verified by SP&amp;L</p> <p>N/A</p>

EM Performance Objectives, Measures and Expectations – CFO/FD Comparison (FOR DISCUSSION PURPOSES ONLY)

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite
Critical Success Factor	Strategy						
Manage Hanford to achieve progress	Link key performance measures to results	Performance measures and reporting are linked and aligned to strategic outcomes.	Integrated site performance measurement process in place.	Performance objectives and measures are documented in the MYWP/AWPs and are clearly linked to the Hanford Strategic Plan (PID)	DELIVERABLE <ul style="list-style-type: none"> <li>2.3.1 – POMs Supporting MYWPs/AWPs</li> </ul>	Schultz	No issue – fully covered in the MYWP
				PHMC Balanced Scorecard(s) reflecting integrated performance measures, which align to the Hanford Strategic Plan, are implemented and maintained (PID)	DELIVERABLE <ul style="list-style-type: none"> <li>1.2.3 – PHMC Balanced Scorecard</li> </ul>	Schultz	No issue – fully covered in the MYWP
				Performance incentives are aligned to the performance objectives and measures in the MYWP/AWPs (PID)	<ul style="list-style-type: none"> <li>RL's responsibility</li> </ul>	N/A	N/A
				X% of the performance reports assess progress against the execution year plan as well as a meaningful segment of the life cycle (e.g., 5 years) (PID)	DELIVERABLE <ul style="list-style-type: none"> <li>2.4.1 – HSPR</li> <li>2.4.4 – Annual Report Support</li> </ul>	Murphy	Performance reports assess progress against the execution year plan as well as a meaningful segment of the life cycle (e.g., 3-5 year outlook reports) (PID)
Manage Hanford to achieve progress	Maintain financial and managerial control	Financial systems include adequate internal controls and compliance with applicable laws, regulations, and contract terms.	Financial systems include adequate internal controls and compliance with laws, regulations and contract terms.	No material internal control deficiencies identified by the Contracting Officer (FMD)		N/A	N/A
				No material noncompliance with applicable laws, regulations, and contract terms identified by the Contracting Officer (FMD)		N/A	N/A
				Financial statements meet established accounting standards through an unqualified opinion (FMD)		N/A	N/A
			Ensure funds are used for what was intended (appropriated).	No occurrences of improper use of funds (BUD) <i>Telson "fiscal management" process is used to detect and prevent improper use of funds (BUD)</i>		N/A	N/A

Green = PID; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; *Italic any color = RL only*

**EM Performance Objectives, Measures and Expectations – CFO/FD Comparison (FOR DISCUSSION PURPOSES ON**

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location		Comments/ Rewrite
Critical Success Factor	Strategy				SP&I Owner(s)		
Manage Hanford to achieve progress	Maintain financial and managerial control	Maintain financial control	Be financially in control by maintaining an effective internal audit capability to review the contractor financial activities and those of its major subcontractors.	Review financial transactions to ensure that internal controls are effective in detecting and preventing improper use of funds and advise HQ-CFO and RL management if there are issues (BUD)		N/A	N/A
				Submit an Annual Audit Plan for Fiscal Year 2000 by June 15, 1999, that is in accordance with the OIG Cooperative Audit Strategy and acceptable to DOE (CFR)	N/A	N/A	N/A
				Complete audits in accordance with government auditing standards (CFR)	N/A	N/A	N/A
				Accomplish audits in accordance with FY 99 Audit Plan schedule or as revised by mutual agreement (CFR)	N/A	N/A	N/A
				Have full disclosure of all conditions found during the audits (CFR)	N/A	N/A	N/A
				Achieve FDH management's acceptance of audit recommendations (CFR)	N/A	N/A	N/A
				Complete Office of Inspector General investigation referrals within 20 days or agree to dates (CFR)	N/A	N/A	N/A
				Coordinate timely responses to OIG and GAO information requests (CFR)	N/A	N/A	N/A
				Track all uncompleted audit report recommendations and submit open action reports within 15 calendar days after the end of the quarterly reporting period (CFR)	N/A	N/A	N/A
				Manage uncosted balances.	Meet or exceed established standards for uncosted balances (BUD)	N/A	N/A
			Effectively execute the FY 99 budget.	Effective and timely identification and resolution of unfunded issues (BUD)	N/A	N/A	N/A
				Process reprogramming in 2 weeks from the receipt of an "acceptable" package from the contractor (BUD)	N/A	N/A	N/A

Green = PID; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; *Italic any color* = RL only

**EM Performance Objectives, Measures and Expectations – CFO/FD Comparison (FOR DISCUSSION PURPOSES ON**

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite
Critical Success Factor	Strategy						
Manage Hanford to achieve progress	Maintain financial and managerial control	Maintain managerial control	Manage program direction/GSSC budget.	By control point, cost plus commitments will not exceed available funds (BUD)	N/A	N/A	N/A
				Brief programs on execution year funding process (i.e., AFP, Obligation and RFSSs) (BUD)	N/A	N/A	N/A
				Provide analysis and develop effective projections (BUD)	N/A	N/A	N/A
		Coordinate formulation/execution issues with HRM (BUD)	Develop consistent management reporting process (BUD)	Coordinate formulation/execution issues with HRM (BUD)	N/A	N/A	N/A
				Effectively coordinate, streamline and simplify the budget formulation process (BUD)	DELIVERABLE(S)	Reichmuth	No issue – fully covered in the MYWP
				<ul style="list-style-type: none"> <li>• Timely submission of budget quality data and narrative for EM and Unicall budgets</li> <li>• Publish schedule for the FY 99 IPL/budget development process. (Include strategy and assumption development prior to issuance of EM guidance.) Monitor performance against the schedule</li> <li>• Effectively coordinate development of IPL, PPLs and other HQ required materials (narratives, spreadsheets, performance metrics, CPDSs, etc.) and be able to crosswalk to the AC/PC document</li> <li>• Coordinate regulator/stakeholder/Tribe involvement in IPL/budget formulation process</li> <li>• Provide adequate time for RL management review of budget submission documents</li> <li>• Provide effective and timely guidance for development of EM and Unicall budgets (BUD)</li> </ul>	<ul style="list-style-type: none"> <li>• 2.5 – Budget Formulation (ALL)</li> </ul>		
		Improve CFO systems, processes and operations.					

Green = PID; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; *Italic any color = RL only*

**EM Performance Objectives, Measures and Expectations – CFO/FD Comparison (FOR DISCUSSION PURPOSES ONLY)**

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite
Critical Success Factor	Strategy						
Manage Hanford to achieve progress	Maintain financial and managerial control (continued)	Develop financial policy.	No overrun FY99 budgets and spend 90% of training and award budgets (stretch goal) (FMD)	N/A	N/A	N/A	N/A
			Reduce average travel processing time to 2.5 days vs HQ goal of 3 days (FMD)	N/A	N/A	N/A	N/A
			95% prompt payment vs HQ goal of 93% (FMD)	N/A	N/A	N/A	N/A
			95% EFT on vendor payments vs HQ goal of 88% (FMD)	N/A	N/A	N/A	N/A
			Implement computer-assisted audit techniques (FMD)	N/A	N/A	N/A	N/A
		Performance-based business management oversight process.	Local issuance of policy within X days from receipt of RL policy (FMD)	N/A	N/A	N/A	N/A
			Manage and coordinate the RL HQ Oversight of the Field BMOP self-assessment and provide it to HQ within the requested due date (CFR)	N/A	N/A	N/A	N/A
			Maintain a quality BMOP Program and ensure that business management performance objectives, measures, and expectations are incentivized in contractor fee-determination plans (CFR)	N/A	N/A	N/A	N/A
		Enhance contract administration.	Complete an analysis by 12/31/98 to determine which ENCOs have indirect rates established by RL with ACO responsibilities (CFR)	N/A	N/A	N/A	N/A
		Management controls and accountability.	Issue FMFLA on time and in accordance with HQ requirements (CFR)	N/A	N/A	N/A	N/A
			Assist program offices to document closure on corrective actions (CFR)	N/A	N/A	N/A	N/A
		Audit resolutions are tracked and reported.	Submit the DARTS reports in a timely manner (CFR)	N/A	N/A	N/A	N/A
			Coordinate with HQ to streamline DARTS submittals and develop DARTS desk procedures by 1/31/99 (CFR)	N/A	N/A	N/A	N/A
			Complete management decisions and provide inputs to HQ management decisions within required dates (CFR)	N/A	N/A	N/A	N/A

Green = PID; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; *Italic any color = RL only*

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite
Critical Success Factor	Strategy						
A-20				Negotiate contract fees, incentives and proposal settlements in a timely manner.	WJIC termination settlement proposal negotiations completed in FY'99 (PRO)	N/A	N/A
				FY2000 performance incentives in place for each performance-based contract by 9/30/99 (PRO)	N/A	N/A	N/A
				FY '98 fee for PNNL negotiated (PRO)	N/A	N/A	N/A
				FY '98 fee incentives closed within first quarter of FY '99 (conditioned upon receipt of completion packages from respective contractors) (PRO)	N/A	N/A	N/A
				Ensure contractor (FDH, BHI, PVNL, and HEHF) financial systems are adequate, i.e., costs are allocable, allowable and reasonable.	RL/FMD will express adequacy opinions by 9/15/99 (FMD)	N/A	N/A
				Demonstrate effective and efficient management controls by correcting those external and DOE audit findings, within approved timeframes, that were supported by the CO/COR.	No repeat Inspector General, GAO, DCAA or DOE audit/review findings during FY99 (CFR)	N/A	N/A
				Improve Malcolm Baldrige, President's Quality Award, and/or Energy Quality Self Assessment organizational improvement scores.	"X" range on assessment (CFO)	N/A	N/A
				Increase competition and reduce number of automatic renewals.	X% of all contracts awarded are competed (PRO)	N/A	N/A
				Procurement supports SNF program.	X number of automatic renewals reduced by X% (PRO)	N/A	N/A
				Green = PFD; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; <i>Italic any color</i> = RL only			
Green = PFD; Blue = CFR; Red = BUD; Teal = FMD; Magenta = PRO; Black = General; <i>Italic any color</i> = RL only							

**EM Performance Objectives, Measures and Expectations – CFO/FDI Comparison (FOR DISCUSSION PURPOSES ONLY)**

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite
Critical Success Factor	Strategy						
	Maintain a fully trained and qualified workforce	Maintain a fully trained and qualified workforce	Maintain current training plans for all employees and ensure training needs and requirements are met.	<p><i>All training matrices current and training received (CFO)</i></p> <p><i>No "no show" charges for missed training classes (CFO)</i></p> <p><i>Bring in or utilize local training opportunities to the maximum extent possible (CFO)</i></p> <p><i>Utilize training budget to the fullest and most effective use (CFO)</i></p> <p><i>X number of professional certifications awarded (CFO)</i></p> <ul style="list-style-type: none"> <li>• 6 FMDP certifications (BUD)</li> <li>• CO/CS meet new procurement certification requirements (\$50K for travel needs) (PRO)</li> </ul>	N/A	N/A	N/A
			Provide awards and recognition for staff.	100% of award budget expended (CFO)	N/A	N/A	N/A

## EM Performance Objectives, Measures and Expectations – CFO/FDI Comparison

(FOR DISCUSSION PURPOSES ON

Strategic Outcomes		Performance Objective	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite
Critical Success Factor	Strategy						
Optimize Hanford site overhead, services, and infrastructure	Develop cost-competitive overhead and infrastructure-related services commensurate with mission needs at competitive prices.	Provide overhead, indirect, and infrastructure-related services commensurate with mission needs at competitive prices.	Optimize site overhead, services and infrastructure costs.	Overhead and infrastructure costs as X% of total budget is maintained or reduced in accordance with <i>yearly established standards (FMD)</i> Benchmark against private industry (FMD)	N/A	N/A	N/A
Contribute to economic diversification	Apply economic diversification strategies to all Hanford activities and contractors	Economic diversification achieved through subcontracting.	Achieve subcontracting goals.	Of the total Project Hanford budget, 50% shall be outsourced by 2001 to other than Major subcontractors (PRO) Within five years (from contract award), 60% of all outsourced Project Hanford dollars shall be directed to local, regional, and Native American business (PRO) Achieve socioeconomic goals as negotiated in the contracts (PRO)	N/A	N/A	N/A
	Involve local community and leaders in projects and the outsourcing process	Help the community broaden the sustainable economic base.	Involve community in subcontracting.		N/A	N/A	N/A

**(FOR DISCUSSION PURPOSES ONLY)**

**EM Performance Objectives, Measures and Expectations – CFO/FDI**

Strategic Outcomes		Performance Objective		Measures/Expectations		Comparison	
Critical Success Factor	Strategy	FY99 CFO Objectives	Measures/Expectations	1.8.2.1 MYWP Location	SP&I Owner(s)	Comments/ Rewrite	
Protect worker safety and health	<p>Reduce accidents and radiological exposure</p> <p>Achieve Voluntary Protection Program "Star" status</p>	<p>Integration of environmental, safety and health into management and work practices at all levels (institutional, facility, and activity), to ensure the Hanford Site missions are accomplished while protecting the public, the worker and the environment.</p>	<p>Ensure safety and health of the workforce</p>	<p>Provide a safe workplace environment (CFO)</p>	<p>N/A</p>	<p>N/A</p>	

## **Acronym List**

ACP	Acceptance Test Procedure
ACPC	Acceleration Cleanup: Paths to Closure
ACWP	Actual Cost of Work Performed
ADS	Activity Data Sheets
BCC	Baseline Change Control
BCCM	Baseline Change Control Module
BCR	Baseline Change Request
BCWP	Budgeted Cost of Work Performed
BCWS	Budgeted Cost of Work Scheduled
BEMR	Baseline Environmental Management Report
BHI	Bechtel Hanford, Inc.
BOE	Basis of Estimate
BUD	Budget Services Division
BUG	Baseline Updating Guidance
CACN	Cost Account Charge Number
CCB	Change Control Board
CFO	Chief Financial Officer
CMM	Central Milestone Module
COA	Code of Accounts
COCS	Common Occupational Classification System
CPDS	Construction Project Data Sheets
CRE	Center for Risk Excellence
CRESP	Consortium for Risk Evaluation with Stakeholder Participation
DNFSB	Defense Nuclear Facility Safety Board
DOE	Department of Energy
DOE-HQ	Department of Energy - Headquarters
EAC	Estimate at Completion
EM	Environmental Management
EMI	Environmental Management Integration
ES&H	Environmental, Safety, and Health
FDH	Fluor Daniel Hanford
FTE	Full Time Equivalent
FYTD	Fiscal-year to date
G&A	General and Administration
GFS	Government Furnished Services
HAMMER	Hazardous Materials Management and Emergency Response
HANDI	Hanford Data Integrator
HEHF	Hanford Environmental Health Foundation
HGET	Hanford General Employee Training
HLAN	Hanford Local Area Network
HSPR	Hanford Site Performance Report
HSTD	Hanford Site Technical Baseline Database

---

IPABS	Integrated Planning, Accountability and Budget System
IPAIR	Inter Project Analysis Impact Report
IPARS	Integrated Planning and Reporting System
IPL	Integrated Priority List
ISB	Integrated Site Baseline
LMSI	Lockheed Martin Services, Inc.
MCS	Management Control System
MPG	Mission Planning Guidance
MPR	Material Procurement Rate
MVT	Master Validation Tables
MYWP	Multi-Year Work Plan
NEPA	National Environmental Policy Administration
ODS	Operations Office Data Summary
OMB	Office of Management and Budget
OSHA	Occupational Safety and Health Administration
P3	Primavera
PBS	Project Baseline Summary
PERF	Performance Module
PHBS	Project Hanford Breakdown Structure
PHMC	Project Hanford Management Contract
PID	Planning & Integration Division
PMA	Project Management Account
PMBS	Project Master Baseline Schedule
PMC	Program Management Control
PPL	Project Priority List
PTS	Progress Tracking System
QMR	Quarterly Management Review
R/S/T	Regulator/Stakeholder/Tribe
RL	U.S. Department of Energy, Richland Operations Office
RL-BUD	Richland Operations Office, Budget Division
RL-PID	Richland Operations Office, Planning & Integration Division
ROM	Rough Order of Magnitude
SMBS	Site Master Baseline Schedule
SP&I	Site Planning and Integration
SSL	Site Summary Level
SSS	Site Summary Schedule
TIPS	Technology Insertion Points
TPA	Tri-Party Agreement
TWRS	Tank Waste Remediation System
Unicall	Unified Field Budget Call

## **Project Baseline Summaries (PBS) Level**

### **PBS-1.0 TECHNICAL BASELINE**

#### **PBS-1.1 Project Mission**

See Project Mission Statement on Page 1-1

#### **PBS-1.2 Project End-Point Targets**

Not applicable to this activity.

#### **PBS-1.3 Major Facilities**

Not applicable to this activity.

#### **PBS-1.4 Drivers:**

DOE 130.1 - Budget Formulation Process  
DOE 3309.1A - Reductions in Contractor Employment  
DOE 430.1 -Life-cycle Assets Management; Systems Engineering Criteria  
Document and Implementing Directive; Hanford Site Systems Engineering  
Policy  
DOE 5700.2D - Cost Estimating, Analysis & Standardization  
DOE Order 1332.1A - Uniform Reporting System  
RLPD 5000.1- SMS/Baseline Execution and Management Process  
RLID 5000.2 - Long Range Planning Process  
RLP 5000.8 - Richland Field Office PTS  
RLID 5000.11 - "Scheduling," Section 1.2, Rev. 1  
Accelerated Cleanup Plan  
Hanford Strategic Plan  
Mission Planning Guidance  
Draft Hanford Site Cleanup Specification  
PHMC Contract - C.2 Management and Integration Work Scope  
FDH Management and Integration Plan - Section 3.1.1  
GPRA (Government Performance and Results Act)

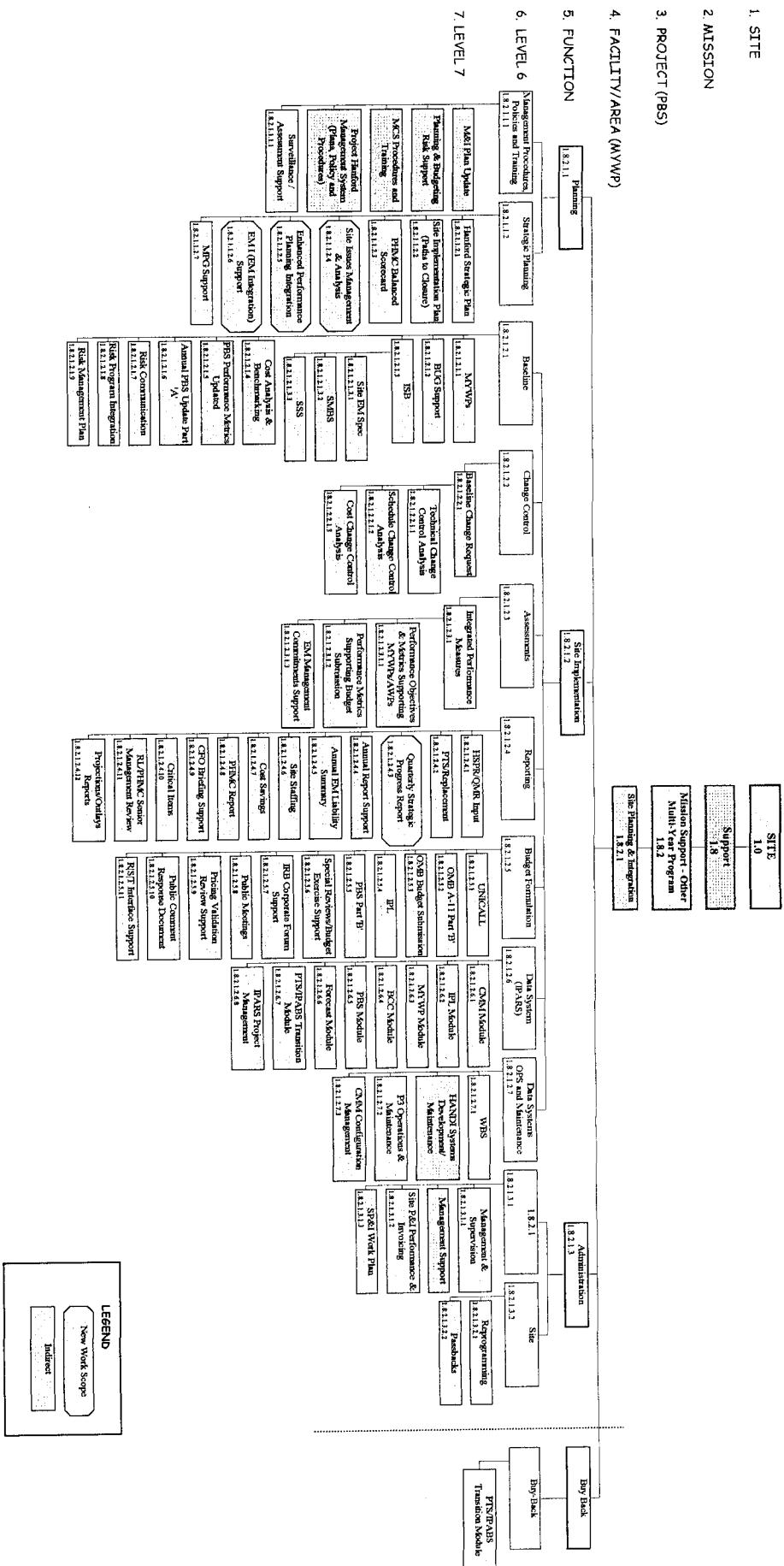
OMB Circular A-11 - Federal Budget process  
UNICALL/TYP - Annual Budget Formulation/Budget Development Guidance  
Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement)  
Paragraphs 148 and 149.  
National Defense Authorization Act, Section 3161  
DNFSB 92-4 Systems Engineering  
Management and Integration Plan (HNF MP-001 Rev. 1)  
OMB: Recommend use of systems engineering to resolve integration problems.  
DNFSB 92-4 recommended using systems engineering to resolve integration  
problems.  
DOE Standard 1073-93  
Hanford Site Environmental Management Specification, DOE\RL-97-55  
(DRAFT)

**PBS-2.0      WORK BREAKDOWN STRUCTURE**

**PBS-2.1      Work Breakdown Structure Hierarchy**

See foldout page 2-4.

**FLUOR DANIEL HANFORD SITE PLANNING AND INTEGRATION  
PROPOSED WORK BREAKDOWN STRUCTURE**



**PBS-2.2      Work Breakdown Structure Dictionary**

See Page 2-6 through Page 2-42.

1. Dictionary Title: Management Procedures, Policies and Training	2. Date: 9-30-98	3. PBS Number: RL-OT01	4. Dict Rev: 0
5. WBS No.: 1.8.2.1.1.1	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

### **MANAGEMENT PROCEDURES, POLICIES AND TRAINING**

**1.8.2.1.1.1 Surveillance/Assessments** - Within this activity SP&I will conduct the following three assessments:

- 1) An assessment of the PHMCs adherence to expectations for data integration, traceability and consistency. This assessment will focus on key documents (such as the Hanford Strategic Plan, Project MYWP, Integrated Site Baseline, and Accelerated Cleanup/Paths to Closure) and associated reporting documents/ mechanisms (such as the Hanford Site Performance Report and Hanford Data Integration System [HANDI]). For selected PBSs, the assessment will check for traceability or consistency in work scope, schedule, cost and performance measures among identified key documents.
- 2) An assessment of the efficiency of procedures for calculating BCWS, Budgeted Cost of Work Performed (BCWP), and Actual Cost of Work Performed (ACWP). This assessment is intended to evaluate that performance measurement is accurate and that the necessary controls are developed and implemented to tie PBS work scope accomplishments and project procurements to project schedules. This assessment will demonstrate that BCWP calculations are based on: a) Project procurements being directly related to cleanup (found in MYWPs); b) PHMC Management Control System (MCS) requirements; c) the method of measuring BCWP is appropriate for the work being performed; and d) change control actions which directly affect the Project's BCWP or BCWS calculations are performed in accordance with PHMC MCS procedures.
- 3) An assessment of the PHMC data systems (such as CMM, Integrated Priority List (IPL), MYWP, BCC, PBS, Forecast, PTS/IPABs, IPARS, PERF, and HANDI) to determine integration, data integrity, and alignment with written PHMC policies and procedures.

Each of the assessments will identify findings, observations, and suggested corrective actions. The assessments will be reviewed with affected mission area and a corrective action

plan will be jointly developed between FDH Project Direction, the major subcontractors, and SP&I. If needed, SP&I will conduct follow-up surveillances to ensure closure of corrective actions.

<b>Deliverables:</b>	<b>Due Date:</b>
Assessment 1 (initial)	03/31/99
Assessment 2 (initial)	03/31/99
Assessment 3 (initial)	03/31/99
Assessment 1 (year end)	09/30/99
Assessment 2 (year end)	09/30/99
Assessment 3 (year end)	09/30/99

1. Dictionary Title: Strategic Planning	2. Date: 9-30-98	3. PBS Number: RL-OT01	4. Dict Rev: 0
5. WBS No.: 1.8.2.1.1.2	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

## STRATEGIC PLANNING

**1.8.2.1.1.2.1 Hanford Strategic Plan (HSP)** - This activity supports the review of the underlying strategic thinking associated with the HSP, i.e., vision, mission, planning assumptions, goals, strategies and success indicators. The activity includes providing situation analysis, in concert with related Pacific Northwest National Laboratories (Pacific Northwest) efforts, of the HSP interim and final endpoint targets, alignment of the HSP to the DOE-HQ strategic plans, and the extent of reflecting stakeholder values. The objectives of this activity are to provide management with the basis for deciding if there are substantive changes required in the Site's strategic thinking and to incorporate "strategic thinking" findings into the FY 2001 budget formulation process (i.e. IPL).

**Deliverable:**

RL Milestone (SPL-99-003) Submit  
Hanford strategic thinking review to RL

**Due Date:**

11/16/98

**1.8.2.1.1.2.2 Site Implementation Plan (Paths to Closure)** - This activity will develop a summary Site Implementation Plan (a.k.a. Accelerating Cleanup: Paths to Closure (ACPC)) for the HSP using planning information developed by the various Site major projects. The ACPC document identifies high level activities (critical closure path) that must occur in order to successfully complete the Site's environmental management mission. In addition to life-cycle cost estimates, it also discusses impediments to success and targeted areas for enhanced performance.

Update of the ACPC document in December 1998 will constitute a major revision of the June 1998 version of the document and will also be suitable for public distribution. A component of this activity is supporting the development of RL responses to public comments resulting from public discourse on ACPC, including the compilation and categorization of comments.

Update of the PBSs in December 1998 is anticipated to be a DOE-HQ requirement. The update will include a full update to Section A (the Baseline) and an update to the FY 2000 allocations in Section B (the Budget). Other information (e.g., Operations Office Data Summary [ODS] and Site Level Summary [SSL] files) will be updated for consistency with PBS data and as needed to support rewriting of Paths to Closure or as required by DOE-HQ.

The information captured in Section A will be from the approved FY 1999 MYWPs and any approved Baseline Change Requests (BCRs) through November 15, 1998.

The PBS submittal in April 1999 to DOE -HQ will incorporate the results of the FY 2001 Budget and IPL activities into Section B including performance measures while keeping Section A ODS and SSL files consistent with the approved Baseline information through November 15, 1998. Consistent with the FY 2000 PBS update process, on-line access to the PBS information will be provided to allow for real-time review and comment by RL. Hard copies will be provided as necessary.

Update of the ACPC document in June 1999 will reflect the data provided in the April 1999 PBS submittal and will include revisions necessary to meet the intent of updated guidance provided by DOE-HQ. This document will be published and publicly distributed.

This activity also includes continuously improving data (including risk data), traceable and consistent among key planning documents (e.g., HSP, MYWP, Integrated Site Baseline (ISB), ACPC, IPL and its Units of Analysis).

<b>Deliverables:</b>	<b>Due Date:</b>
1) RL Milestone (SPL-99-002) Submit Updated Paths to Closure Document to RL	12/18/98
2) Supports RL Milestone (BAS-99-006) Submit FY 2001PBSs to RL	12/18/98
3) Supports RL Milestone (BUD-99-003) Submit Updated FY 2001 PBSs to RL	04/15/99
4) Mid-FY data consistency/traceability validation	03/31/99
5) RL Milestone (SPL-99-001) Submit Updated Paths to Closure document to RL	06/01/99
6) End-of-FY data consistency/traceability validation	09/30/99

**1.8.2.1.1.2.3 Balanced Scorecard/Critical Few** - This activity will develop the PHMC balanced scorecard, which aligns to the Hanford Strategic Plan critical success factors and success indicators. This is supported by the integrated performance measures. PHMC data also supports the Environmental Management (EM) Corporate Performance Measures and the balanced scorecard shall become the basis for performance reporting. This activity will also develop the format for balanced scorecard performance reporting within HSPR. This balanced scorecard performance report will appear in HSPR beginning in January 1999.

<b>Deliverables:</b>	<b>Due Date:</b>
1) Initial Balanced Scorecard	12/18/98
2) Initial Integrated Performance Measures	01/15/99
3) Quarterly Update to Integrated Performance Measures	03/31/99

5) Quarterly Update to Integrated Performance Measures 09/30/99

**1.8.2.1.1.2.4 Site Issues Management and Analysis** - This activity will identify, analyze and facilitate resolution of Site level issues and will communicate new or emerging issues to existing processes for resolution, e.g., Site Integration Group; National Environmental Policy Administration (NEPA); Tri-Party Agreement; external affairs and strategic planning. Information from this activity will provide input for the Quarterly Strategic Progress Report, Paths to Closure Report, the Hanford Strategic Plan, or other report(s) as appropriate.

<b>Deliverables:</b>	<b>Due Date:</b>
1) Site Issues Management Process Developed and Implemented	01/29/99
2) Site Issues Defined and Assigned and Tracking/Reporting System Identified	02/26/99
3) Quarterly Report to RL	03/31/99
4) Quarterly Report to RL	06/30/99
5) Quarterly Report to RL	09/30/99

1) Site Issues Management Process Developed and Implemented	01/29/99
2) Site Issues Defined and Assigned and Tracking/Reporting System Identified	02/26/99
3) Quarterly Report to RL	03/31/99
4) Quarterly Report to RL	06/30/99
5) Quarterly Report to RL	09/30/99

**1.8.2.1.1.2.5 Enhanced Performance Planning Integration** - This activity will compile and communicate project enhanced performance strategies for the Site including stretch goals, breakthroughs and technology integration opportunities. Expected outputs include input for the Quarterly Strategic Progress Report, Paths to Closure, or other report(s) as appropriate along with PHMC-wide integration analysis of the technology deployment program. This includes participation in policy development and implementation, coordination and integration of Technology Insertion Points (TIPs) among the projects to ensure that maximum utilization is realized from technology application across the site and the complex.

<b>Deliverables:</b>	<b>Due Date:</b>
1) Assessment of TIPs - Are they appropriately identified and integrated into the Site Baseline?	11/16/98
2) Support Mission Planning Guidance development for Enhanced Performance	11/02/98
3) Support Baseline Updating Guidance development for Enhanced Performance	05/03/99
4) Identify Tracking/Reporting System for Enhanced Performance Initiatives	11/30/98
5) Quarterly Report to RL	03/31/99
6) Quarterly Report to RL	06/30/99
7) Quarterly Report to RL	09/30/99

**1.8.2.1.1.2.6 EMI Support** - Hanford will support the EM Integration effort through development of the Hanford part of the complex-wide baseline data to support planning, budgeting, and decision-making. This includes supporting evaluation and making decisions on contractor EMI team recommendations, aligning science and technology investments for maximum impact. This includes establishment of Hanford disposition map baseline data to

be incorporated into the national level and the integration of waste and materials across the complex and site level. Input for Paths to Closure or other report(s) as appropriate is an expected output of this activity. EMI plans and schedules may supersede deliverable dates.

<b>Deliverables:</b>	<b>Due Date:</b>
1) Develop an Information Gathering and Transmittal process between DOE-HQ and RL	12/15/98
2) Impact analysis of EMI Recommendation Evaluation Plans	04/01/99
3) Report potential new interface opportunities for the EM complex	08/31/99

**1.8.2.1.1.2.7 MPG Support** - This activity provides for support to RL in the development of their formal Mission Planning Guidance (MPG). The MPG communicates the significant planning and budget assumptions that need to be incorporated in the development of project-specific priority lists, the draft IPL, and supporting budget documentation for FY 2001. Input is provided to RL on actual data elements recommended for inclusion in the MPG, a schedule for required deliverables, and points of contact.

<b>Deliverable:</b>	<b>Due Date:</b>
Submit summary of recommendation MPG changes to RL	11/02/98

1. Dictionary Title: Baseline	2. Date: 9-30-98	3. PBS Number: RL-OT01	4. Dict Rev: 0
5. WBS No.: 1.8.2.1.2.1	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

## **BASELINE**

**1.8.2.1.2.1.1 MYWP** - The MYWPs, as the established baseline, provide the foundation for the identification of all work scope requirements and feeds the IPL, PBS, and the ISB. The MYWPs depict the integration of life-cycle project technical, schedule and cost baselines. Project specifications are derived from the approved EM Site Specifications and are defined in the HSTD. These specifications include all the requirements and drivers, both legal and otherwise, that govern EM work scope covered in the baseline.

The FY 1999 MYWP activities provide for the preparation and issuance of formal detailed FY 2000 MYWP guidance to contractors and subcontractors in accordance with the RL Baseline Updating Guidance (BUG). During detailed guidance preparation, FDH specific baseline planning requirements such as the basis of estimate, business structure updates, overhead rate allocations, fee and assessment allocations are identified and documented in formal direction to major subcontractors. Specific deliverables include: conduct workshops to disseminate and clarify requirements of the guidance, identify and resolve guidance issues, and coordinate the delivery of all required deliverables in accordance with the BUG. Support to Data Systems (1.8.2.1.2.6.3) is required to define the data elements, system requirements, system functionality, reporting capabilities and field training to ensure that the IPARS MYWP module is functional and in place.

MYWP activities also include: 1) Working with the Project Direction organization to ensure their review and comment of contractor guidance. 2) Facilitating the integration of technical, schedule, and cost issues. 3) Coordinating project interfaces with subject matter experts in Risk, Performance Measures, Enhanced Performance, Technology Insertion Points to provide accurate, timely and defensible inclusion of these data elements into the MYWP development as required by the BUG. 4) Facilitating resolution of issues related to these areas, and assuring that all subject matter experts meet deliverables in accordance with the BUG. 5) Supporting Project Direction to insure data traceability and consistency to other documents requiring the use of baseline data (i.e. IPL, PBS, Paths to Closure, etc.).

In FY 1999, FDH is working toward an electronic MYWP. The ultimate goal is to have all the major baseline elements (technical, schedule and cost) updated with approved baseline change control such that the implementation of the change is evident in the monthly reporting tools (i.e., HANDI). Feasibility of full functionality for the FY 2000 baseline updating

process is under way. FDH recommends a phased approach to the implementation of an electronic MYWP:

Phase I - Life-Cycle baseline tracking (completed August 25, 1998) identifies and tracks life-cycle PBS baselines from 1997 through 2046. It also cross references the HSTD delta file and P3 Schedule

Phase II - Validation documents are attached to any Change Request files in Baseline Change Control Module (BCCM). Each Change Request will have an electronic file attached per the following: HSTD delta file, P3 Schedule (current and proposed), and Basis of Estimate (BOE) worksheets. Note that FDH does not currently require standardized BOE worksheets. Standardization is currently under review. These proposed electronic revisions would be available to all Hanford network users (March 31, 1999).

Phase III - Electronic update of the baseline from BCCM where feasible. All affected baseline documents (as agreed to by FDH/RL) will be updated electronically via BCCM upon approval of the Change Request (August 30, 1999). Note that specific affected baseline documentation must be agreed to between FDH and RL by February 26, 1999.

Support is provided to the IPARS Data System activity for the development of an MYWP module, which will support an electronic submittal of the FY 2000 MYWP. The IPARS Data System will also house the PBS and IPL modules. Putting all of these planning documents into the same platform allows for data consistency and the ability to link common data elements across the required documents. Activities include definition of data field requirements, report formats, beta testing of the system, guidance development, training of system users, and interface with Lockheed Martin Services, Inc. (LMSI) system developers. System administration activities including password issuance and system open/close/lockout.

<b>Deliverables:</b>	<b>Due Date:</b>
1) RL Milestone (BAS-99-003) - Review Planned Updates to FY 2000 MYWP	07/30/99
2) RL Milestone (BAS-99-004)- Facilitate Delivery of FY 2000 MYWP to RL in Accordance with BUG For all PHMC workscope	08/30/99
4) Support RL Milestone (DSI-99-001) - Deliver Electronic MYWPs to RL*	08/30/99

\*Note: Assumes successful completion of Phase II on March 31, 1999 and FDH/RL agreement on affected baseline documents by December 31, 1999. These are predecessor's activities to the full electronic MYWP update.

**1.8.2.1.2.1.2 BUG Support** - This activity provides for support to RL-Planning and Integration Division (PID) in the development of their formal Baseline Updating Guidance, which communicates the significant technical changes that need to be incorporated into the baseline update. Input is provided to RL-PID on issues such as actual data elements recommended for inclusion in the BUG, schedule of required deliverables, and points of contact. RL-PID has in the past afforded FDH the opportunity to critique the draft BUG and this activity assumes support to the FDH and major subcontractor review and comment of draft BUG materials. Support to public involvement in the development of the BUG is also provided including meeting attendance and critique of the comments.

**Deliverable:**

Submit Summary Recommended BUG Changes to RL-PID

**Due Date:**

05/03/99

**1.8.2.1.2.1.3 ISB** - The ISB provides for the generation of a site level summary of the formal, approved project baselines (technical, schedule and cost) for communicating with DOE-HQ and/or the Regulators/Stakeholders/Tribes.

This activity supports a semi-annual update to the communication tools comprising the ISB: the EM Site Specification including the project specifications (maintained by Site Systems Engineering), the Site Master Baseline Schedule (SMBS), the Site Summary Schedule (SSS), Milestone List, the Cost Baseline and associated Performance Measures as maintained in PHMC access database.

Milestones established for the site EM mission are compiled and tracked in the CMM. CMM milestone information comes from the Project P3 schedules. For the ISB, a listing of milestones will be provided directly from CMM. The milestones will accurately reflect those milestones portrayed on the SMBS and SSS.

Cost baseline information is represented by a life-cycle cost summary at the PBS level. The exception to this will continue to be the mission support PBS that will provide their data at a level below the PBS. Updated life-cycle baseline information is contained in the BCC module. For the ISB, a listing of life-cycle cost baselines will be provided directly from BCC.

**Deliverables:**

- 1) Provide Semi-Annual Update of the ISB (TWRS as is)
- 2) Provide Semi-Annual Update of the ISB

**Due Date:**

11/30/98  
05/28/99

**1.8.2.1.2.1.3.1 Site EM Spec** - The Hanford Site Environmental Management Specification documents RLs top-level mission requirements and planning assumptions. The content will be revised and updated to encompass evolving needs and changes to requirements and assumptions.

**Deliverables:** **Due Date:**

1) Proposed Revised Annotated Specification for the Site EM Spec for RL Approval	01/29/99
2) Revised Site EM Spec for RL Approval	05/28/99

**1.8.2.1.2.1.3.2 Site Master Baseline Schedule (SMBS)** – The SMBS is a summary schedule derived from the PMBS. It maintains the same structure as the PMBS; it includes selected Enforceable Agreement milestones, DOE-HQ milestones and Hanford Strategic Plan End Point Targets. The SMBS is intended for use by FDH Project Direction, major sub-contractors Project Management, FDH SP&I and RL-PID. Activities include development and maintenance of guidelines/requirements for the structure and format of the PMBSs. The Projects will maintain ownership of their PMBS and will develop the PMBSs to show the Project's life-cycle activities as defined by major work efforts (functions or elements within functions). The PMBS is submitted to RL with the Project's MYWP. The PMBS becomes the Project's approved baseline schedule with the approval of their MYWP and will be maintained by Baseline Change Control. On a monthly basis, SP&I will receive and review each of the Project's PMBSs then incorporate inter Project logic ties creating the integrated PMBS, which is the basis for the SMBS. SP&I will also review and maintain the alignment of interface control points from the HSTD to the interface control points established for the integrated PMBS. SP&I will review the integrated PMBS for Project-to-Project impacts and prepare the Inter Project Analysis Impact Report (IPAIR). The IPAIR is submitted to the FDH Project Directors and the major sub-contractor Project Managers for review and issue resolution. Once the IPAIR has been reviewed and approved by the FDH Project directors and the major sub-contractor's Project Managers, SP&I will submit the IPAIR to RL-PID. SP&I will also keep the FDH Project Directors and the major sub-contractor Project Managers informed of progress on critical activities, Enforceable Agreement, Defense Nuclear Facility Safety Board (DNFSB), and DOE-HQ milestones for compliance to established commitment and baseline dates. SP&I will determine the series of activities that lead to reportable milestones that are behind the baseline schedule dates, and monitor to see if these dates are improving or regressing toward meeting the established baseline dates. As BCR are received, they will be reviewed for inter Project impacts using the SMBS and supporting data. If impacts are found, written feedback is provided to the FDH Change Control Administrator for review and resolution. (See Section 1.8.2.1.2.2.1 – Baseline Change Request). SP&I will also develop and maintain a coding system to create SMBS for submittal to RL-PID.

**Deliverables:** **Due Date:**

1) RL Milestone (BAS-99-002) Submit Monthly SMBS/IPAIR to RL-PID (Date reflects last processing in FY 1999. See schedule for specific due dates).	09/20/99
2) Monthly submit to HANDI, (One-year and five-year windows of the PMBS due within	09/03/99

10 working days prior fiscal month end) (Date reflects last processing in FY 1999. See schedule for specific due dates).

**1.8.2.1.2.1.3.3 Site Summary Schedule (SSS)** – The SSS is a graphical, top-down depiction of the life-cycle of the Hanford site that displays major Hanford cleanup project activities and their interfaces. It includes selected Enforceable Agreement milestones and End Point Targets. This schedule is intended primarily for use by RL, site contractor management, staff, tribal nations, regulators, and the public. On a semi-annual basis, the SSS will be reviewed and revised from data traceable to the SMBS.

**Deliverables:**

**Due Date:**

- 1) RL Milestone (BAS-99-001) - Semi Annual Submission of SSS to RL-PID and HANDI
- 2) RL Milestone (BAS-99-005)- Semi Annual Submission of SSS to RL-PID and HANDI

11/30/98

04/14/99

**1.8.2.1.2.1.4 Cost Analysis and Benchmarking** - With the implementation of the Hanford Business Structure and the standard code of accounts, a tool will be in place that can facilitate cost analysis and benchmarking of key crosscutting activities within the PHMC work scope. Activities for FY 1999 will include the development and implementation of appropriate adhoc reports to collect and analyze crosscutting cost information to determine whether the level of detail in the code of accounts structure is appropriate for providing meaningful cost information including identification of activities that are key cost and schedule drivers. Reviews with the RL-PID of information collected and analyzed should result in the identification of needed changes to elements of the code of accounts structure as well as the identification of key activities that can be considered as candidates for benchmarking in FY 2000.

**Deliverables:**

**Due Date:**

- 1) Cost Summary Comparison Report
- 2) Revised code of accounts

06/1/99

06/1/99

**1.8.2.1.2.1.5 PBS Performance Metrics Updated** - The PBS metrics shall support two full, and two limited, PBS metric updates. The full updates are planned for December and April supporting the PBS submissions. The two limited updates are to be determined. All updates shall be consistent with the current baseline. (November 15, 1998 for the December submittal and March 15, 1998 for the April submittal.)

**Deliverables:**

**Due Date:**

- 1) Two limited PBS performance measure updates
- 2) Supports RL Milestone (BAS-99-006) Submit Draft

TBD

FY 2001 PBSs to RL 12/18/98  
3) Supports RL Milestone (BUD-99-003) Submit Updated FY 2001 04/15/99  
PBSs to RL

**1.8.2.1.2.1.6 Annual PBS Update Part 'A' (Baseline Support)** - SP&I will provide direction and guidance to contractors and subcontractors on the Hanford Site Environmental Management PBS development in accordance with DOE guidance. Coordination of scheduled deliverable across multiple contractors and subcontractors, including issue resolution, and ensuring consistency with other planning and baseline documents (PPL/IPL, MYWP, ACP, etc.) is also included in this activity. Interface with and support of subject matter experts in Risk, Performance Measures, Enhanced Performance, and Technology Insertion Points in order to provide for accurate, timely and defensible inclusion of these data elements into PBS Part A development as necessary is included. Assumes one PBS submittal in December 1998.

Update of the PBSs in December 1998 is anticipated to be a DOE-HQ requirement. The update will include a full update to Section A (the Baseline) and an update to the FY 2000 allocations in Section B (the Budget). Other information will be updated for consistency with PBS data and as needed to support rewriting of Paths to Closure or as required by DOE-HQ. The information captured in Section A will be from approved FY 1999 MYWPs and any approved Baseline Change Requests (BCRs) through November 15, 1998.

PBS's are required by DOE-HQ and intended to depict the difference between the life-cycle project baselines and the budget constraints faced by the DOE and its contractors. Life-cycle cost baselines are addressed in Part A of the PBS. PBS Part A provides the foundation for site level information provided in the *Accelerating Cleanup; Paths to Closure Document*.

<b>Deliverable:</b>	<b>Due Date:</b>
RL Milestone (BAS-99-006) Submit FY 2001	12/18/98
PBS to RL	

**1.8.2.1.2.1.7 Risk Communication** – This activity provides general guidance for identification, management, and communication of Hanford cleanup project risks to enable site management to more effectively fulfill one of the key mission success indicators in the Hanford Strategic Plan: reduced risks to workers, the public, and the environment. Recognizing this, RL built into the PHMC, Section C.2.B, (6), the requirement to implement and manage a risk management system which supports RL strategic planning, work prioritization, and Site-wide decision making.

This activity also provides risk program expertise to support RL in their interface with Hanford Site oversight groups. These stakeholder groups include; Hanford Advisory Board,

the tribal nations, the Consortium for Risk Evaluation with Stakeholder Participation (CRESP) and regulators.

**1.8.2.1.2.1.8 Risk Program Integration** – This activity provides risk program integration for site-level activities, including support to RL in their interface with the Center for Risk Excellence (CRE). Coordinates and integrates with Pacific Northwest on risk information used in the FDH “Risk Profiles” and the CRE “Hanford Site Risk Prospectus” document and other risk related documentation.

**1.8.2.1.2.1.9 Risk Management Plan** - Facilitate a document review and upgrade effort, including involvement of regulators, stakeholders, and tribes. Incorporate comments and review Revision 1 with RL. Publish Revision 1 to HNF-MP-005. Maintain the FDH Risk Management Implementation Plan, HNF-2111, and associated implementing procedures. Assist, as needed, the project-level implementation of the risk management program

**Deliverable:**

Publish HNF-MP-005, Revision 1

**Due Date:**

06/30/99

5. Dictionary Title: Change Control	6. Date: 9-30-98	7. PBS Number: RL-OT01	8. Dict Rev: 0
5. WBS No.: 1.8.2.1.2.2	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

## **CHANGE CONTROL**

**1.8.2.1.2.2.1 Baseline Change Request** – Change Control Administration will be accomplished through process facilitation, systems administration, summary analysis, and baseline change reporting.

Process facilitation is accomplished by maintaining a current Change Control Procedure containing FDH and RL change control requirements. It is expected that two revisions will be required during FY 1999. Two additional facilitation functions that will be provided are: 1) training workshops and specific assistance upon request by FDH and/or the Major Subcontractors, and 2) coordinating and conducting an FDH Change Control Board (CCB). The FDH CCB has weekly sessions to disposition Change Requests.

Systems administration will maintain the requirements for the BCCM. The new release of BCCM will require at least one revision during FY 1999. An additional function of systems administration is the data analysis of baseline change requests, primarily cost baseline reconciliation. This analysis will help provide the Hanford projects a check and balance system for maintaining accurate and timely baseline information. Any anomalies will be reported to the appropriate Hanford project via ad hoc reports from BCCM.

Summary analysis is accomplished by reviewing all processed Change Requests. This review will be conducted by the Site's Change Control Administrator and is a summary assessment of the format and fundamental intent of the change. All Change Requests must meet the minimum requirements of HNF PRO 533, Change Control Procedure, prior to final disposition. Comments and recommendations will be documented and provided to the appropriate Project Director and Major Subcontractor for continuous improvements.

Baseline change reporting will be accomplished through the HANDI and BCCM data systems. All reports from HANDI and BCCM will be reviewed for consistency and accuracy. Systems will be reviewed periodically to verify that BCRs are incorporated into the baseline systems within 30 days of RL approval.

Technical BCCM support will be provided for the electronic MYWP effort. BCCM will interface with the electronic MYWP in three phases:

Phase I - Life-cycle baseline tracking, (completed August 25, 1998), identifies and tracks life cycle PBS baselines from FY1997 through FY 2046. It will cross-references the HSTD Delta file and P3 schedule by October 1, 1998.

Phase II - Validation documents are attached to BCCM files. Each Change Request file in BCCM will have as appropriate attached electronically a HSTD delta file, P3 schedule (current & proposed), and the BOE work sheets. Note that FDH does not currently require standardized BOE worksheets. Standardization is currently under review. These files and documents will be available to FDH and RL for review and validation through read-only access.

Phase III - Electronic Update via BCCM where feasible. All affected baseline documents (as agreed to by FDH and RL) will be updated electronically via BCCM upon approval of the Change Request.

HANDI reports depicting site Change Control are updated weekly.  
.BCCM reports for systems administration are updated daily (as required).

<b>Deliverables:</b>	<b>Due Date:</b>
1) BCCM Phase II complete	03/31/99
2) BCCM Phase III complete (which assumes agreement with RL by December 31, 1998)	08/30/99

**1.8.2.1.2.2.1.1 Technical Change Control Analysis** – The Technical Requirements analysis starts with a review of the BCR to assess if there are additional “Major Inter Project Impacts” beyond those described in the BCR. If any impacts are found, the FDH Change Control Administrator is notified. All intra project technical impacts are communicated with the affected project directors for action/resolution. These impacts are also presented to the FDH CCB for review and consideration in approval of the BCR. In addition, if the Technical Requirements impacts affect other Hanford prime contractors, they are also notified through the appropriate company representatives. The Hanford Site Technical Baseline Database (HSTD) is used as necessary to support the analysis and assess the impacts.

**1.8.2.1.2.2.1.2 Schedule Change Control Analysis** – The Schedule analysis starts with the comparison of the proposed schedule changes within the BCR to the PMBSs. If any impacts are found, a report is then prepared and submitted to the FDH Change Control Administrator for review and resolution. All intra project schedule impacts are communicated with the affected project directors for action/resolution. These impacts are also presented to the FDH CCB for review and consideration in approval of the BCR. In addition, if the schedule impacts affect other Hanford prime contractors, they are also notified through the appropriate company representatives.

**1.8.2.1.2.2.1.3 Cost Change Control Analysis** – The Cost analysis will consist of a review of all cost data within the BCR for completeness and accuracy. In addition, the basis of estimate will be reviewed and validated against the Site-wide requirements and methodology. The results of these reviews will be documented and reported to FDH CCB and RL upon their request.

The FDH Change Control Administrator will conduct a joint review session every week for the Technical, Schedule, and Cost analysis groups to share their observations and conclusions.

1. Dictionary Title: Assessments	2. Date: 9-30-98	3. PBS Number: RL-OT01	4. Dict Rev: 0
5. WBS No.: 1.8.2.1.2.3	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

## **ASSESSMENTS**

**1.8.2.1.2.3.1 Integrated Performance Measures** - The three sub-functions listed below, plus the PHMC balanced scorecard (1.8.2.1.1.2.3), comprise the integrated performance measures and measurement process. The process shall ensure measuring the right elements at the right level to demonstrate progress against baseline and performance objectives.

**1.8.2.1.2.3.1.1 Performance Objectives and Metrics Supporting MYWPs/AWPs:** The MYWP/AWP performance measures shall align with the Hanford Strategic Plan, EM near term performance objectives, and balanced scorecard. The MYWPs and modified MYWPs shall illustrate the three budget years, 2006 and life-cycle end point targets. AWPs will illustrate the execution year. These shall be the basis for PBS, EM Management Commitment and budget submissions.

**Deliverables:** **Due Date:**

MYWP/AWP data will support two planned submissions (draft) 07/30/99  
MYWP/AWP data will support two planned submissions (final) 08/30/99

**1.8.2.1.2.3.1.2 Performance Metrics Supporting Budget Submission** The current baseline performance measures shall be the basis for developing objectives, measures and expectations supporting various funding targets for budget submission. Products are anticipated in November, January and April.

**Deliverables:** **Due Date:**

Budget metric update 11/16/98  
Budget metric update 01/15/99  
Budget metric update 04/15/99

**1.8.2.1.2.3.1.3 EM Management Commitments/QMR** - Provide actual performance reporting against EM Management Commitments as reported through the Quarterly Management Review (WBS 1.8.2.1.2.4.1 [HSPR/QMR Input]). They shall be reported as needed throughout FY 1999.

**Deliverable:**

RL Milestone (AST-99-001) EM Management  
Commitment/QMR Support

**Due Date:**

09/30/99

1. Dictionary Title: Reporting	2. Date: 9-30-98	3. PBS Number: RL-OT01	4. Dict Rev: 0
5. WBS No.: 1.8.2.1.2.4	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			9. Scope of Work:

## **REPORTING**

Reporting provides Hanford management, stakeholders, and regulators with integrated reporting of the Hanford Site, PHMC, and Project's performance against the established technical, cost and schedule baseline, and performance plans (i.e., EM Management Commitment, Secretary's Performance Plan, Hanford Strategic Plan, etc.). Reporting provides Hanford senior and project managers with reliable information for assessing performance and making decisions. Performance information includes progress against Cleanup and Science and Technology Missions, as well as, Corporate Management Strategies. Reporting utilizes the Progress Tracking System (PTS)/Replacement as the basis for cost/schedule baseline performance information. Reporting is responsible for providing PHMC and Hanford Site performance reports. Reporting provides the cost savings documentation (enhanced performance) which demonstrates the Site's contribution to EMs \$2.5 billion cost savings target over 10 years in accordance with the Salt Lake City Commitment. Reporting provides the coordination and analysis of Hanford and PHMC staffing. Reporting provides the coordination and analysis of the Quarterly Strategic Progress Report which assists executive management in focusing on corporate-level issues and Site-wide strategies affecting Hanford progress. Support is also provided in the compilation of the annual EM Liability Summary. Where practicable, products (such as the HSPR, the PHMC Status Report, and the CFO Briefing) will capitalize on and share common content in order to enhance the efficiency and consistency of data collection and analysis.

Data associated with the products and services listed below is validated and reconciled to ensure accuracy and consistency. This requires interfaces with the direct and indirect Projects, Hanford contractors, and RL regarding variance explanations, issue identification, accomplishments, safety, cost savings, staffing, and milestone exceptions. Management issues, and concerns and data consistency problems are identified and elevated for resolution. Where possible, hardcopy reports will be migrated to an electronic medium.

**1.8.2.1.2.4.1 HSPR/QMR Input** Coordinate, integrate, analyze, prepare, and publish the monthly HSPR. Publication will be in the form of hardcopy distribution and available on the Internet via the Hanford WEB. Migration of the cost/schedule/performance data to a HANDI format is expected during FY 1999. This report provides performance status against the approved Hanford baseline, the Hanford Strategic Plan, Critical Success Factors, and Success Indicators and covers topics such as:

Cost/Schedule Performance  
Milestone Achievement  
DNFSB Achievement  
Occupational Safety and Health Administration (OSHA) Case Rates  
First Aid Case Rates  
Radiological Events  
Funds Management and Control  
RL EM Program Direction  
EM Management Commitment Status (Milestones)  
Specific Projects  
    Tank Waste Remediation System (TWRS)  
    Waste Management  
    Spent Nuclear Fuels  
    Facility Stabilization  
    Landlord  
    Richland Environmental Restoration  
    Science and Technology  
    Support  
    Hazardous Materials Management and Emergency Response (HAMMER)  
    TWRS Regulatory Unit  
    National Programs  
    Advanced Reactor Transition Project

The following additional topics are addressed on a quarterly basis:

PHMC Performance Based Agreement Status  
Bechtel Hanford, Inc. (BHI) Contract Performance  
Pacific Northwest Contract Performance  
Hanford Environmental Health Foundation (HEHF) Contract Performance  
Contracting and Subcontracting Information  
Plan 2006 Baseline  
Staffing  
Diversity  
Enhanced Performance (Cost Savings)  
Indirect Cost and Liquidation Status  
EM Management Commitments (milestones, metrics and EM Corporate Measures)  
Other Performance Metrics as defined by RL-PID/FDH

HSPR will analyze and interpret performance data such that it describes impediments, threats to progress, and how problems will be overcome. In addition to historical and current data, the report will include a forward perspective that addresses life-cycle issues, concerns, and impacts. Problems and variances will be discussed in terms of their impact to Project strategic goals and objectives. Where possible the HSPR will use the same data as that presented in the PHMC Status Report.

Other activities include support to RL-PID in preparation for the DOE-HQ Quarterly Management Review and other DOE-HQ reports.

<b>Deliverable:</b>	<b>Due Date:</b>
Hanford Site Performance Report (monthly) (Date reflects last processing in FY 1999. See schedule for specific due dates.)	09/30/99

Note: In support of year-end performance reporting, support will continue after FY startup.

**1.8.2.1.2.4.2 PTS/Replacement** – Develop specifications and coordinate activities for the migration of the current DOS-based PTS system into the new IPARS client-server database system. The new reporting system is planned to support both DOE-HQ and RL reporting requirements. At this time, DOE-HQ reporting requirements are undefined other than data will be required to be submitted on a quarterly basis and milestone data will be required to be submitted on a monthly basis. RL's monthly Hanford Site Performance Report will be generated as much as feasible from the new reporting system. Coordination and reconciliation activities will continue as conducted during FY 1998. Interfaces include Site contractors; LMSI technical support; RL Program Integration, Budget and Finance; and DOE-HQ Environmental Management, Program Managers, Budget, Finance and DOE-HQ-system contractor support personnel. Specific information regarding the proposed system platform is described in the Data Systems (IPARS) section of the WBS. A closeout report for FY 1998 will be provided using the current PTS Reporting module.

<b>Deliverable:</b>	<b>Due Date:</b>
Local PTS update monthly (Date reflects last processing in FY 1999 See schedule for specific dates)	09/21/99

Note: In support of year-end performance reporting, support will continue after FY startup.

**1.8.2.1.2.4.3 Quarterly Strategic Progress Report** - Provide a quarterly report to assist executive management in focusing on corporate-level issues and Site-wide strategies which fundamentally affect the Hanford Site's progress. Pattern the report after the following outline:

- Executive Summary [1 page "stop light" chart and assessment]
- A. Progress on strategic issues
- B. Progress on fundamental strategies
  - B.1 Enhanced Performance Strategy
    - B.1.1 Schedule accelerations
    - B.1.2 Technical breakthroughs
    - B.1.3 Functional cost efficiencies

B.2 Strategy XXX [fictitious example: Malcolm Baldridge  
Strategy]

B.3 Strategy YYY

Conclusion(s) [1 page assessment, with Recommended Corrective Actions]

<b>Deliverable:</b>	<b>Due Date:</b>
Initial Quarterly Strategic Progress Report	03/31/99
Quarterly Update	06/30/99
Quarterly Update	09/30/99

**1.8.2.1.2.4.4 Annual Report support** - Provide support to RL-PID for annual report preparation.

**1.8.2.1.2.4.5 Annual EM Liability Summary** - Support RL-PID in compiling financial data related to the Hanford EM life-cycle baselines as of FY 1998 year-end. Complete Table 2, "Reconciliation of FY 1998 Changes to Environmental Liabilities", which establishes the estimated EM life-cycle costs using PBS Part A data derived from the approved project baselines. Support RL-PID in the coordination of review activity by an independent outside audit firm, including room logistics, project interviews, data compilation and reconciliation. Assumes that discounting of life-cycle cost provided in PBS Part A to present value may be requested. Assumes that data regarding deferred Site maintenance activity may be requested.

Each fiscal year, EM is required to report to Congress the total liability of the DOE cleanup mission. Reporting of this information has taken various forms including the Baseline Environmental Management Report (BEMR). The EM Liability audit specifically verifies that the liability number presented to Congress is accurate.

**1.08.02.01.02.04.06 Site Staffing** - Coordinate and analyze staffing information at the Site-level (all Hanford contractors) and for the PHMC. Fiscal year to date (FYTD) staffing variance narrative will be provided with actual headcount overlaying the full time equivalent (FTE) data and a projected year-end headcount forecast.

Staffing requirements will not be identified as a part of the MYWP development except as backup to the basis of estimate.

Multi-year, year-end FTE forecasts for the Hanford Site contractors will be provided for the Accelerating Cleanup - Path to Closure document. The basis for this data is from the annual Workforce Restructuring Forecast.

Deliver a multi-year, year-end FTE forecast for the Hanford Site contractors in support of the Annual Workforce Restructuring Forecast. Data is provided by Common Occupational Classification System (COCS) for the three budget years, with job family and/or bottom line summaries through 2006. The Hanford Site Contractors information is provided to the

PHMC for integration. The PHMC data will be extracted from the Primavera (P3) scheduling system. The summary analysis by the PHMC is funded; however, the enhancement to include the detailed analysis/reconciliation of PHMC headcount to planned COCS is currently unfunded. A request was submitted to maintain the PHMC COCS real time in HANDI. This work scope is scheduled for implementation October 1, 1998. The HANDI report (under "Staffing") will depict FY 1999 FYTD planned and actual COCS, as well as the annual forecast through 2006.

**Deliverables:** **Due Date:**

1) Multi-year year-end FTE Forecast for Accelerating Cleanup Plan: Path to Closure	04/15/99
2) Workforce Restructuring Forecast	12/31/98
3) PHMC staffing and variance explanations (Monthly) (Date reflects last processing in FY 1999. See schedule for specific due dates.)	09/15/99

**1.8.2.1.2.4.7 Cost Savings** - Provide the documentation that demonstrates the PHMC's contribution to saving \$2.5 billion cost savings target through 2006 as committed to in Salt Lake City. Documentation will be traceable from the approved MYWP through the baseline change control process. The existing format that reports PHMC savings will continue to be used.

Cost savings resulting from the "bridge" change requests will be evaluated and documented throughout the fiscal year. SP&I will provide direction, training and coordination of Hanford Site cost savings analysis and reporting, providing cost savings workshops and informational presentations as required. Validation of savings will continue to be performed by SP&I by developing and using a logical, sound process to ensure RL has confidence in the savings results. This will continue to be accomplished through monthly project reviews, reconciling and categorizing change request dollars; reconciling PTS data with change request data; and coordinating the review process between RL and the Projects.

Provide support to the review and validation of approved savings initiatives with RL and the PHMC contract organization. Support the Project Offices with the submittal of Section E of the PBS as directed by RL. Out-year data as well as execution-year data will be validated.

Other cost savings activities include update/finalization of the Cost Savings Procedure; update of the Cost Savings supplemental page in the baseline change request (BCR); and development of cost savings reports in BCC module.

**1.8.2.1.2.4.8 PHMC Status Report** - Coordinate, prepare, analyze and publish the PHMC Monthly Status Report of direct (executive summary) and indirect funded activities. The RL/PHMC Senior Monthly Project Review forms the basis for the direct sections of the

report. Where possible the PHMC Status Report will use the same data as that presented in the HSPR.

**Deliverable:** **Due Date:**

PHMC Monthly Contract Status Report 10/01/99  
(Data reflects last processing in FY 1999, see schedule for specific dates)

**1.8.2.1.2.4.9 CFO Briefing Report** - Provide support for monthly briefings to the Chief Financial Officer (CFO). Data provided consists of Project performance and spending.

**1.8.2.1.2.4.10 Critical Items Report** - Coordinate, prepare, and publish the FDH bi-weekly Critical Items Report to the RL Manager.

**Deliverable:** **Due Date:**

Biweekly Critical Items Report, 09/17/99  
(Date reflects last processing in FY 1999. See schedule for specific due dates.)

**1.8.2.1.2.4.11 RL/PHMC Senior Monthly Project Review** -Coordinate, integrate, prepare, analyze and publish presentation for RL/PHMC Senior Management Project Review. This review statuses the PHMC's performance against the PHMC's approved MYWP baseline.

**Deliverable:** **Due Date:**

RL/PHMC Monthly Project Review 09/27/99  
(Date reflects last processing in FY 1999. See schedule for specific due dates.)

**1.8.2.1.2.4.12 Projections/Outlays Report** – Coordinate and develop updates to Treasury outlay estimate for FY 1999 and submit to RL-Budget Division (BUD). Coordinate and develop estimated Treasury outlay estimate for FY 2000 and submit to RL-BUD.

**Deliverables:** **Due Date:**

- 1) FY 1999 Outlay Estimate Draft Revision, 01/15/99
- 2) FY 1999 Outlay Estimate Update to Draft Revision 04/15/99
- 3) FY 1999 Outlay Estimate Update to Draft Revision 07/15/99
- 4) Outlay Estimate for FY 2000 09/15/99

9. Dictionary Title: Budget Formulation	10. Date: 9-30-98	11. PBS Number: RL-OT01	12. Dict Rev: 0
5. WBS No.: 1.8.2.1.2.5	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

### **BUDGET FORMULATION**

Budget Formulation activities primarily focus on the annual budget submittal to DOE-HQ in support of the budget request to the Congress. The budget request and supporting activities are an intensive multi-contractor effort across the Hanford Site coordinated and managed for the RL by SP&I.

**1.8.2.1.2.5.1 Unicall** - This activity provides the direction and guidance to contractors/subcontractors in accordance with RL guidance on the development and submittal of the Hanford EM and Non-EM budget request. Coordinate and review scheduled deliverables and facilitate issue resolution prior to delivery of the Unicall in accordance with the guidance is a part of this activity. Crosscut information required includes, but is not limited to: Construction Project Data Sheets (CPDS), Information Resources Management, Environmental Safety & Health, Work For Others, and Field Work Proposals.

**Deliverable:** **Due Date:**

Submit FY 2001 Unicall crosscuts throughout the fiscal year as required

05/28/99\*

\*Final data will be consistent with RL guidance.

**1.8.2.1.2.5.2 OMB A-11 Part B** - The Office of Management and Budget (OMB) Circular A-11 Part 3, Planning, Budgeting and Acquisition of Capital Assets requires all agencies to fully fund each useful segment of a capital asset acquisition through regular or advance appropriations and submit this information with their annual OMB budget request each September. OMB A-11 requests "phased funding" or funding by project stages if the asset can be divided into more than one useful segment. A construction project could first receive funding for the planning stage and later receive advance appropriation funding for the construction stage. OMB A-11 requires that the DOE-HQ report on all major acquisitions that require special management attention because of their importance to the agency mission. This information includes a summary of spending for project stages; justification and other information; and cost, schedule, and performance goals.

This activity provides for the direction and guidance to contractors/subcontractors in accordance with RL Unicall guidance on the development and submittal of these products. Coordinate and review scheduled deliverables and facilitate issue resolution prior to delivery of the Unicall in accordance with the guidance is part of this activity.

**Deliverables:** **Due Date:**

1) Submit Preliminary FY 2001 OMB A-11 Part B crosscuts	07/15/99
2) Submit Final FY 2001 OMB A-11 Part B crosscuts	11/15/99

**1.8.2.1.2.5.3 OMB Budget Submission** - This activity provides for support to RL-BUD in the development and eventual submittal of the FY 2001 EM budget request to the OMB in the required format. The FY 2000 OMB Budget Request was done through the IPL process and supporting narratives. It is unknown what specific format the data will be requested in for the FY 2001 Budget Submittal. This activity will provide resources, narratives, funding information, etc., as required by DOE-HQ. It is assumed that many of these requirements will be satisfied by the IPL, PBS Part A and PBS Part B activities.

**Deliverable:** **Due Date:**

Submit FY 2001 Budget and Supporting Narratives to OMB	04/15/99
--	----------

**1.8.2.1.2.5.4 IPL** - The components of the Project Priority List (PPL)/IPL are derived from the work scope provided in the approved baseline (MYWP). Units of analysis provide discrete, measurable units of work used for prioritization activities conducted during PPL/IPL development. These units of analysis are identifiable and traceable to scheduled work activities and technical functions.

Budget formulation activities in support of the FY 2000 budget request to Congress were done through the PPL/IPL process in FY 1998. The PPL/IPL and supporting narratives were provided to RL to form the basis of their budget request. It is unknown at this time whether the PPL/IPL will be used in FY 1999 or whether the PBS will be used to submit the FY 2001 budget. However, assume that formal PPL/IPL updates will be required at least semi-annually to support budget formulation and baseline updating activities. In addition, updates will be required to assess any significant changes in anticipated funding levels.

This activity provides for the guidance and direction to PHMC contractors/subcontractors and other site contractors in accordance with RL MPG necessary for the development of the project specific PPLs and the Hanford Site IPL. This activity provides support to FDH Project Direction and RL-BUD in the optimal allocation of resources within given funding constraints. These support activities may include coordination of planning/decision teams created during the resource allocation phase of the PPL/IPL development. Follow on assessments and process improvements are also planned. Interface with, and support to subject matter experts in Risk, Performance Measures, Enhanced Performance, Technology

Insertion Points in order to provide for accurate, timely and defensible inclusion of these data elements into PPL/IPL development as necessary or required in the guidance. PPL/IPL content analysis will require interface and support from the Strategic Planning and Systems Integration organizations.

The PPL/IPL products are widely utilized as one of the critical communication tools to the Stakeholders, Regulators, and Tribes. This activity also covers support to the IPL Module to oversee the update and maintenance of this module in accordance with RL guidance. System administration and training of field users is also included in this activity.

<b>Deliverables:</b>	<b>Due Date:</b>
1) RL Milestone (BUD-99-001) - Submit Draft FY 2000/FY 2001 IPL/PPL to RL in Support of FY 2001 Budget Request	02/26/99
2) RL Milestone (BUD-99-002) - Submit FY 2000/FY 2001 IPL/PPL to RL in Support of FY 2001 Budget Request	04/15/99

Note: These dates may be subject to change in accordance with the Mission Planning Guidance

**1.8.2.1.2.5.5 PBS Part B (Budget Support)** - PBS's are required by DOE-HQ and are intended to depict the differences between the life-cycle project baselines and the budget constraints faced by RL and its contractors. Budgetary constraints against the approved baseline are addressed in Part B of the PBS. The PBS Part B data elements required in FY 1998 as part of FY 1999 budget formulation are subject to change. PBS's were not used as the budget request vehicle for the FY 2000 budget formulation process (see IPL above). It is assumed that DOE-HQ will require an update of the PBSs in December. The update will include a full update to Section A (the baseline) and an update to the FY 2000 allocations in Section B (the budget). Other information will be updated as necessary in performance metrics, risk, or other areas as required by DOE-HQ. The information captured in Section A will be from the approved FY 1999 MYWPs and any approved baseline change requests through November 15, 1998. The final PBS submittal in April will incorporate the results of the FY 2001 Budget and IPL activities into Section B, including performance measures, while keeping Section A consistent with the December 18, 1998 PBS submittal.

This activity provides the direction and guidance to contractors and subcontractors on the Hanford Site Environmental Management PBS development in accordance with RL guidance. Coordinate scheduled deliverables across multiple contractors and subcontractors, including issue resolution, and ensure consistency with other planning and baseline documents (PPL/IPL, MYWP, ACP, etc.) is part of this activity. Final reconciliation of the site budget to targets is completed prior to submittal to RL in accordance with mandated delivery dates. Interface with, and support to, subject matter experts in Risk, Performance Measures, Enhanced Performance, Technology Insertion Points in order to provide for

accurate, timely and defensible inclusion of these data elements into PPL/IPL development as necessary.

<b>Deliverables:</b>	<b>Due Date:</b>
1) RL Milestone: (BUD-99-003) Submit Updated FY 2001 PBS's to RL	04/15/99
2) Supports RL Milestone: (BAS-99-006) Submit FY 2001 PBSs to RL	12/18/98

**1.8.2.1.2.5.6 Special Reviews/Budget Exercise Support** - This activity provides support for any special reviews that occur during the fiscal year. Such reviews may include, but are not limited to, review of the life-cycle baselines, review of the compliance baselines, review of the basis of estimate. This activity includes preparation of presentation materials, briefings, physical participation, reproduction support preparation of required documentation, development of data sheets, and detailed analysis. The nature of these reviews makes it difficult to do up front resource planning, however; they tend to become high priority activities that require intense efforts for short periods of time.

**1.8.2.1.2.5.7 IRB Corporate Forum Support** - The Corporate Forum is RLs primary opportunity for justification of Hanford's EM budget request to DOE-HQ

This activity provides for support to the annual DOE-HQ Corporate Forum review of site budget submittals. Activities include, but are not limited to, development of presentation materials and supporting narrative, detailed analysis of funding options and program impacts and participation in forum meetings. Support to dry runs of presentation package are provided as needed.

<b>Deliverable:</b>	<b>Due Date:</b>
Support to Corporate Forum	05/14/99

**1.8.2.1.2.5.8 Public Meetings** - This activity provides for logistics support for public meetings in the Tri-Cities, Seattle, Portland, and Spokane in support of the FY 2001 budget as required by the Tri-Party Agreement paragraphs 148/149. Support to preparation of presentation and handout materials (i.e. PPL/IPL) is provided in this activity. Resources comprise scheduling and administrative support will be made available for public meetings, including presentation of materials, as needed.

<b>Deliverable:</b>	<b>Due Date:</b>
Support to Public Meetings on the FY 2001 Budget Request	05/28/99

**1.8.2.1.2.5.9 Pricing Validation Review Support** - This activity provides for support to RL-BUD in the validation of the FY 2001 budget request to Congress. This activity also contains the coordination of reviews and the collection of supporting budget data including: basis of estimate, application of overhead rates, FDH guidance issued to the field, facilitates meetings between auditors and projects. Resources within this activity take lead roles in resolution of any audit findings.

<b>Deliverable:</b>	<b>Due Date:</b>
Support to Pricing Validation of the FY 2001 Budget Request	06/30/99*

\* Final date will be consistent with RL guidance.

**1.8.2.1.2.5.10 Public Comment Response Document** - This activity provides for support to RL-BUD and RL-PID in the compilation and dissemination of public comments received during the budget formulation and resource allocation activities. Resources within this activity also provide assistance in the timely response to these comments.

<b>Deliverable:</b>	<b>Due Date:</b>
Compilation of comments from Public Meetings	06/30/99

**1.8.2.1.2.5.11 Regulator/Stakeholder/Tribe Interface Support** - This activity provides support for Regulator/Stakeholder/Tribe meetings in support of the budget request as required by the Tri-Party Agreement paragraphs 148/149. Resources within this activity support to preparation of presentation and handout materials (i.e. PPL/IPL). Resources including scheduling and administrative support will be made available for meetings, including presentation of materials, as needed.

13. Dictionary Title: Data Systems (IPARS)	14. Date: 9-30-98	15. PBS Number: RL-OT01	16. Dict Rev: 0
5. WBS No.: 1.8.2.1.2.6	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			9. Scope of Work:

### **DATA SYSTEM (IPARS)**

Provide IPARS interface with Hanford Systems, system administration, central coordination, and security of the IPARS computer platform. This includes efficient operation of the platform modules, management of subcontract (LMSI) programming support, and maintenance of system development workscope priorities.

Provide coordination of the IPARS module development/maintenance activities between Hanford contractors. Operational activities include system deployment, help desk, database maintenance, training, system documentation requirements and configuration management.

**1.8.2.1.2.6.1 CMM Module** - Support the operation, administration, modification and maintenance of the CMM module. This is an integrated system which statuses and provides reports on performance of RL and DOE-HQ level milestones, including Tri-Party Agreement and DNFSB milestones. Efforts in FY 1999 will include development of an electronic interface with the scheduling system to provide integrated update of milestone information based upon approved change control.

**1.8.2.1.2.6.2 IPL Module** - Support the operation, administration, modification and maintenance of the IPL module, which is used to develop the IPL and PPLs.

**1.8.2.1.2.6.3 MYWP Module**-Develop and maintain a module to contain electronically the MYWP. Products from IPARS, Peoplesoft, P3 and HSTD systems shall feed this module. The MYWP updated module requirements definition will be developed with RL. This module will provide electronic update of technical scope within HSTD; RL/DOE-HQ level milestones as reflected in P3 baseline schedules, and cost baseline through linkage to the BCC. Scope includes deliverable of on-line capability to display, print, and update MYWPs for all EM work, including the ability to update MYWPs through a linkage with BCC module, Note: The electronic MYWP will be done in a phased approach. Refer to 1.8.2.1.2.1.1 (MYWP) for further details.

**Deliverables:**

**Due Date:**

1) MYWP Requirements Defined by RL/SP&I

12/31/98

2) Completion of MYWP module in IPARS	05/28/99
3) RL Milestone (DSI-99-001) Deliver electronic MYWPs (HANDI) to RL	08/30/99

**1.8.2.1.2.6.4 BCC Module**-Support of the operation, administration, modification and maintenance of the BCC module. The BCC module maintains and tracks baseline change requests. It also is used to capture the cost baseline for the Projects. See MYWP module above for support requirements that tie the BCC to the on-line MYWPs.

**1.8.2.1.2.6.5 PBS Module**-Provides development of the Project Baseline Summary Module (PBS) to the IPABS DOE-HQ Budget requirements. Develop system to replace PBS Excel files and support linkage to IPABS. Support the operation, administration, modification, and maintenance of the PBS Module. Migration from PBS Excel files to IPARS will satisfy the Year 2000 compliance requirements. The Project Management and Control system (PMC) shall be shutdown and be archived once the IPARS PBS module is completed. Currently the PMC system is the source for the Hanford 2006 Plan products. Module requirements and definition will be developed with RL. The PBS module solution shall be consistent with RL and DOE-HQ direction. (1 of 4 possibilities identified by DOE-HQ and will be consistent with data reflected in MYWPs. This effort includes optimizing modules through streamlining the interfaces between PBSs, MYWP, and BCC modules.

Operations and maintenance of system module includes programming support from subcontractor.

<b>Deliverables:</b>	<b>Due Date:</b>
----------------------	------------------

1) PBS Requirements Defined by RL/SP&I	12/31/98
2) Completion of PBS module in IPARS	03/31/99

**1.8.2.1.2.6.6 Forecast Module**-Support of the operation, administration, modification and maintenance of the Forecast module. The Forecast module is used to develop and maintain fiscal year spend forecasts for the Projects.

**1.8.2.1.2.6.7 PTS/IPABS Transition Module**-Support Transition of PTS to the IPABS Execution Tracking requirements. Develop new technology/system to replace PTS and support linkage to Headquarters IPABS. Support the operation, administration, modification and maintenance of the interim PTS. The PTS/Replacement module will satisfy Year 2000 compliance requirements. The existing PTS module within EPDS shall be shutdown and archived once the IPARS PTS replacement is complete. The new requirement definition will be developed with RL, with expected completion by June 30, 1999. This is carryover workscope from FY 1998 requiring completion in FY 1999.

**1.8.2.1.2.6.8 IPARS Project Management** - Develop and maintain the management information systems (MIS) required for performing site-wide planning, reporting and

integration activities. This includes the IPARS (including IPABS-IS linkage, BCC, IPL, PBS, Forecast module, PTS replacement system,) MYWP Module, Performance Measures Module, CMM, P3 scheduling system, Performance module (PERF), and the interim EPDS, PTS and PMC modules. The PTS and PBS systems will be maintained until the requirements for the replacement systems have been identified. Provides integration support for providing on-line MYWP capability to include ability to update baselines through linkage to BCC. Workscope includes optimization of efforts in streamlining PBS, MYWP and HQ reporting requirements.

17. Dictionary Title: Data Systems Ops and Maintenance	18. Date: 9-30-98	19. PBS Number: RL-OT01	20. Dict Rev: 0
5. WBS No.: 1.8.2.1.2.7	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

## DATA SYSTEMS OPS AND MAINTENANCE

**1.08.02.01.02.07.01 WBS** – Maintain RL WBS structure to the PBS level. Publish updated WBS charts as required showing the structure. Expand the Mission Support PBS to one level below PBS.

**Deliverable:** WBS chart, as required.

**1.08.02.01.02.07.02 P3 Operation & Maintenance** – Maintain the direct and indirect tables in the PHMC standard scheduling system (P3). This includes, but is not limited to, maintaining the PHMC wide standard coding structure WBS, CACN/COA (Cost Account Charge Number/Code of Accounts), dictionaries, resource libraries, and rate tables. The resource libraries and tables contain the PHMC/RL approved planning rates to be used by the PHMC contractors including the appropriate adders such as G&A (General and Administration); PMA (Project Management Account); MPR (Material Procurement Rate); and GFS (Government Furnished Services). These shells are stored on a server and are used by the Projects to develop and update their baselines.

Standard Sitewide Scheduling Guidance - Provide a centralized source for standard scheduling processes, procedures, guidance, format and structure, scheduling software training and periodic reporting for the Projects. Establish and maintain a Site schedule hierarchy. Support maintenance of the P3 software. Establish and maintain a “hotline” for field support. Schedule and chair site P3 scheduling users group meetings to share information (i.e., new software features), discuss ideas, and resolve scheduling issues.

Provide scheduling support and configuration management including: (a) centralized P3 support for Directs and Indirects, (b) finalization of the scheduling desktop reference manual, (c) management requests, and (d) performance testing and validation. Also included is the ongoing interface with the field on management control processes.

Provide support of upgrades to the P3 software – Evaluate expected Primavera upgrade for enhanced capabilities. Modify current processes as appropriate, to take advantage of enhanced software features (i.e., fiscal month capability, expanded field widths, and improved file structures).

**1.08.02.01.02.07.03 CMM Configuration Management** – Maintain the DOE-HQ and RL milestones in the CMM. This includes the Milestone Control Logs, Milestone Description Sheets and status reports, which support milestone reporting in the PTS or its replacement, HSPR, PHMC Status Report and the Monthly Project Review. DNFSB and Tri-Party Agreement milestone information is also maintained in the CMM. Electronic transfer of milestone data from P3 schedules to CMM is planned mid FY 1999.

**Deliverable:**

Electronic linkage of milestone information from P3 schedules

**Due Date:**

03/31/99

21. Dictionary Title: Administration	22. Date: 9-30-98	23. PBS Number: RL-OT01	24. Dict Rev: 0
5. WBS No.: 1.8.2.1.3.1	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

### **ADMINISTRATION of 1.8.2.1**

Provides direction necessary to develop and execute the SP&I organization's work plan. Submission of RL required deliverables specific to 1.8.2.1 such as the MYWP, PBS, monthly spending forecast, PTS report replacement, HSPR, change control, and reconciliation of invoices. Includes typical overhead items such as occupancy, desktop support, travel, training and office supplies. Assessments such as Fee are also included.

Assumes: 1) cost and schedule performance shall be within the acceptable variance, 2) milestone/technical performance is met on time in accordance with the approved baseline/schedule, and 3) performance objectives and measures are documented in the 1.8.2.1 MYWP and clearly linked to the Hanford Strategic Plan as applicable for the 1.8.2.1 Project.

**1.8.2.1.3.1.1 Management & Supervision** - Management execution, support, product review and assurance, integration and interface which encompasses the principle managerial functions required to accomplish the SP&I function. Central to this activity is ongoing dialogue with Project Direction as part of SP&I's mandate to ensure horizontal integration of baseline work scope (i.e. integration across Projects). Includes ongoing management interface with RL, stakeholders, and regulators as related to SP&I products (i.e. IPL, site baseline). Also, provides for the secretarial/clerical network, which supports the departmental functions.

**1.8.2.1.3.1.2 SP&I Performance & Invoicing** - Provides project management and financial analyst/scheduler support for the 1.8.2.1 Mission area. Specific activities include items such as: 1) 1.8.2.1 MYWP update including updated P3 detail schedules; 2) PBS and PPL updates; 3) analyze monthly cost reports for spending forecast and estimated at completion (EAC); 4) create and input PTS (or equivalent) and HSPR data on a monthly basis; 5) initiate and process change control when required; 6) review and status activities on detailed schedules monthly; 7) status schedules and analyze trends (BCWS, BCWP and ACWP); 8) review 1.8.2.1 reports for PERF system accuracy; 9) status RL budget vs. actual graphs; 10) interface with SP&I team leads and management; and 11) interface with RL monitor on a weekly basis.

Invoicing - Provides project management and financial analyst/scheduler support for the 1.8.2.1 Project to conduct the following activities: 1) review invoices monthly for accuracy; 2) analyze and initiate corrective actions if required; 3) manage subcontracts and review accruals and billings; 4) correct accruals and billings if necessary; 5) initiate cost corrections and transfers if applicable and verify if completed; 6) develop a summary status report and 7) review invoices with RL monitor for acceptance monthly.

**Deliverables:** **Due Date:**

1) Monthly spending forecast/project status, ten working days following performance processing	
2) PBS Update	12/11/98
3) PBS Update	04/08/99
4) FY 1998 Year-end 1.8.2.1 status of progress with RL	10/30/98
5) 1 <sup>st</sup> Quarter 1.8.2.1 status of progress with RL	01/29/99
6) Mid-Year 1.8.2.1 status of progress with RL	04/30/99
3) 3 <sup>rd</sup> Quarter 1.8.2.1 status of progress with RL	07/30/99
4) Review MYWP baseline updates	07/30/99
5) Updated MYWP for final review and approval	08/31/99

**1.08.02.01.03.01.03 SP&I Work Plan** – Occupancy is an assessment based upon the square footage occupied by the SP&I organization. Desk Top support is a monthly assessment for HLAN and telephone usage based upon the number of workstations connected to the main system.

This activity also includes other typical overhead items such as travel, general training (Hanford General Employee Training [HGET]), office supplies and copier maintenance. The fee assessment levied on 1.8.2.1 is included in this activity.

1. Dictionary Title: Site	2. Date: 9-30-98	3. PBS Number: RL-OT01	4. Dict Rev: 0
5. WBS No.: 1.8.2.1.3.2	6. B&R No.:	7. Baseline CR No.:	
8. Organization Name: Site Planning & Integration			
9. Scope of Work:			

## SITE

**1.8.2.1.3.2.1 Reprogramming** - Reprogramming activities are performed in support of the Administration function. This activity provides for support as required to RL-BUD in the preparation of necessary materials for both internal and formal congressional reprogramming of appropriated funding. It is assumed that RL will continue to have authority to execute internal reprogramming of appropriated funds within given thresholds. Support to this activity involves: 1) the identification of sources funds, 2) proposed uses of reallocated funds, and 3) facilitation of actual financial plan transfers. Reprogramming actions above the RL thresholds will require formal congressional approval in order to move appropriated funding.

Reprogramming that requires congressional approval stipulates detailed impact analysis and recommendations. The sources and uses of funding, including assurance that funds are available for reprogramming, are coordinated by SP&I and submitted to RL-BUD.

**1.8.2.1.3.2.2 Passbacks** - Passback activities are performed in support of the Administration function. At various times during the execution year, the CFO will review the overhead pools to determine if an under or over liquidation exists. A determination will be made if there is a need to pass back either debit or credit costs to the Projects. The CFO, from their review, requests SP&I support for the analysis of potential passback allocations (both debit and credit). SP&I will also provide a formal recommendation to RL on redistributions and continue to support RL-BUD in the necessary financial plan changes.

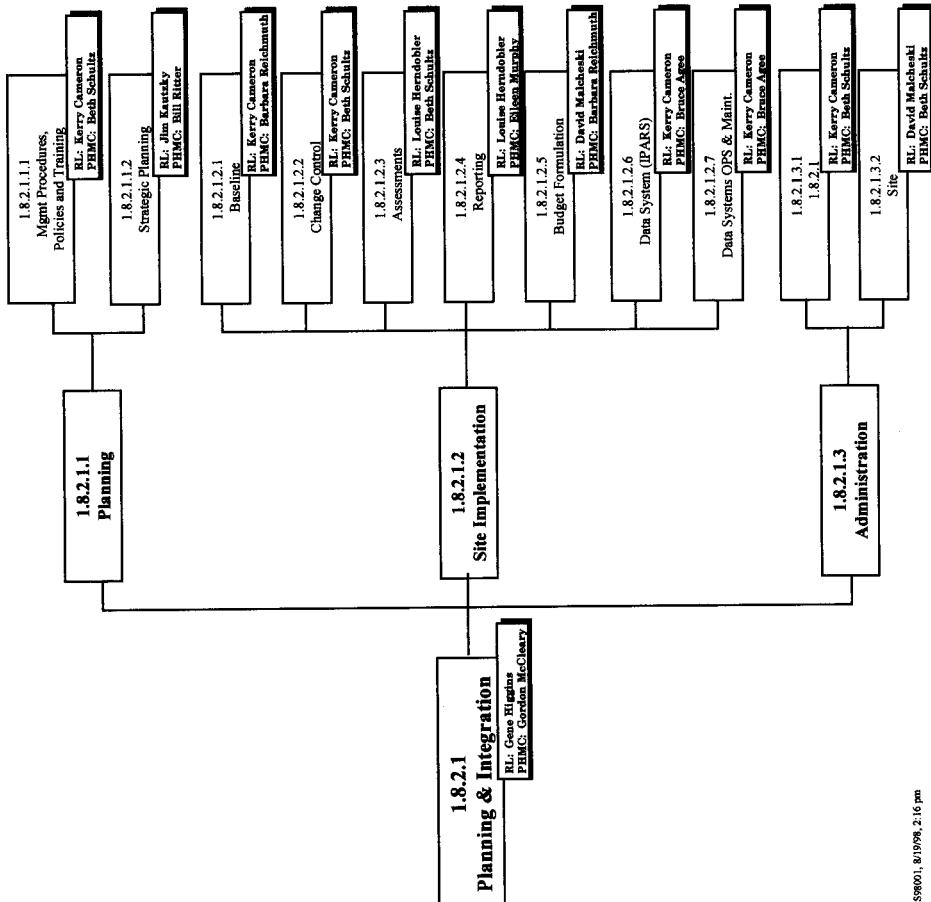
**PBS-2.3      Responsibility Assignment Matrix**

See Page 2-44.

## Planning Integration

### 1.8.2.1

#### Responsibility Assignment Matrix



**PBS-3.0      SCHEDULE BASELINE**

**PBS-3.1      Project Master Baseline Schedule**

See Project Master Baseline Schedule on Page 1-5 through Page 1-13.

**PBS-3.2      Execution Year Project Master Baseline Schedule**

See Project Master Baseline Schedule on Page 1-5 through Page 1-13.

**PBS-3.3      Milestone List**

See page 2-48.

MWPS/SSPP PLANNING MILESTONE LIST  
REPORTING PERIOD 10/01/98 TO 9/30/99

MILESTONE CONTROL #	TPA-MS NUMBER	TPA TYPE	MS LEVEL	MS TITLE	TYPE	PLANNED BASELINE	DATES	TPA/DNSB COMMIT	DNSB	TIP	PHS #
SPL-99-403		RL		SUBMIT HANFORD STRATEGIC THINKING REVIEW TO RL	OTH	11/16/98				N	RL-OT01
SPL-99-402		RL		SUBMIT UPDATED PATHS TO CLOSURE DOCUMENT TO RL	OTH	12/18/98				N	RL-OT01
SPL-99-401		RL		SUBMIT UPDATED PATHS TO CLOSURE DOCUMENT TO RL	OTH	06/01/99				N	RL-OT01
BAS-99-401		RL		SEMI ANNUAL SUBMISSION OF SSS TO RL- PID AND HANDI	OTH	11/30/98				N	RL-OT01
BAS-99-406		RL		SUBMIT FY 2001 PROJECT BASELINE SUMMARIES (PPSS) TO RL	OTH	12/18/98				N	RL-OT01
BAS-99-405		RL		SEMI ANNUAL SUBMISSION OF SSS TO RL- PID AND HANDI	OTH	04/14/99				N	RL-OT01
BAS-99-403		RL		REVIEW PLANNED UPDATES TO FY 2000	OTH	07/30/99				N	RL-OT01
BAS-99-404		RL		MULTIYEAR WORK PLANS	OTH	08/30/99				N	RL-OT01
BAS-99-402		RL		FACILITATE DELIVERY OF FY 2000 MWPS TO RL IN ACCORDANCE WITH BLG	OTH	07/20/99				N	RL-OT01
AST-99-001		RL		SUBMIT MONTHLY SNAPSHOT TO RL-PID EM MANAGEMENT COMMITMENTS/QMR	OTH	09/30/99				N	RL-OT01
BUD-99-001		RL		SUPPORT SUB DRAFT FY 2000/2001 IP/PPPL TO RL IN	OTH	02/26/99				N	RL-OT01
BUD-99-002		RL		SUPT OF FY 2001 BUD REQ	OTH	04/15/99				N	RL-OT01
BUD-99-003		RL		SUBMIT FY 2000/2001 TELPL TO RL IN SUPPORT OF FY 2001 PROJECT	OTH	04/15/99				N	RL-OT01
DSI-99-001		RL		SUBMIT UPDATED FY 2001 PROJECT BASELINE SUMMARIES (PPSS) TO RL	OTH	08/30/99				N	RL-OT01
				DELIVER ELECTRONIC MWPS TO RL							

**PBS-3.4      Milestone Description Sheets**

See pages 2-50 through 2-63.

PHMC

MILESTONE DESCRIPTION SHEET

Title: SUBMIT HANFORD STRATEGIC THINKING REVIEW TO RL			Date:	
Assigned To: W. RITTER			CIN:	
Program WBS Designator: 1.8.2.1.1.2.1			Due Date: 11/16/98	
PBS No: RL-0T01				
MC #: SPL-99-003		TPA No:		Rev:
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:
DOE-HQ <input checked="" type="checkbox"/> DOE-RL DOE-FO CONTRACTOR	EA PEG <input checked="" type="checkbox"/> OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	Report <input checked="" type="checkbox"/> Letter Drawing(s) Other (Specify)	DOE-HQ <input checked="" type="checkbox"/> DOE-RL Other (Specify)
<b>Milestone Description:</b> Provide RL with a situation analysis of 1.) Hanford Strategic Plan (HSP) interim and final end point targets, 2.) alignment of the HSP to the DOE-HQ strategic plan(s) and 3.) the extent to which the HSP reflects stakeholder values. Include the outcome of related PNLL efforts regarding review of Hanford strategic thinking and progress-to-date.				
<b>Description of what constitutes completion of this milestone:</b> This milestone is complete upon delivery of a letter report to RL encompassing the above information.				

PHMC

MILESTONE DESCRIPTION SHEET

Title: SUBMIT UPDATED PATHS TO CLOSURE DOCUMENT TO RL			Date:	
Assigned To: W. RITTER			CIN:	
Program WBS Designator: 1.8.2.1.1.2.2			Due Date: 12/18/98	
PBS No: RL-OT01				
MC #:	SPL-99-002		TPA No:	Rev:
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:
X DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	X Report Letter Drawing(s) Other (Specify)	DOE-HQ X DOE-RL Other (Specify)

**Milestone Description:**

Provide RL with an update of the Paths to Closure Document. Based on a 'Requirements' document to be provided by RL no later than 10/1/98, rewrite Paths to Closure as a Summary Site Implementation Plan. Describe how the scope, schedule, and cost baselines provided in the Multi-Year Work Plans (as developed by the major projects and as reflected in the Project Baseline Summaries) are aligned to accomplish the mission and goals outlined in the Hanford Strategic Plan.

**Description of what constitutes completion of this milestone:**  
This milestone is complete upon delivery of a document suitable for public distribution both in electronic and hard copy forms.

PHMC

MILESTONE DESCRIPTION SHEET

<b>Title:</b> SUBMIT UPDATED PATHS TO CLOSURE DOCUMENT TO RL			<b>Date:</b>	
<b>Assigned To:</b> W. RITTER			<b>CIN:</b>	
<b>Program WBS Designator:</b> 1.8.2.1.1.2.2			<b>Due Date:</b> 6/01/99	
<b>PBS No:</b> RL-OT01				
<b>MC #:</b> SPL-99-001		<b>TPA No:</b>		<b>Rev:</b>
<b>MILESTONE LEVEL:</b>  <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO CONTRACTOR	<b>MILESTONE TYPE:</b>  <input checked="" type="checkbox"/> EA <input checked="" type="checkbox"/> PEG <input checked="" type="checkbox"/> X OTHER TIP	<b>DNFSB STATUS:</b>  DNFSB (Y/N): COMMIT #: RECOMM #:	<b>DELIVERABLE:</b>  <input checked="" type="checkbox"/> Report Letter Drawing(s) Other (Specify)	<b>ADDRESS TO:</b>  <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> X DOE-RL Other (Specify)
<b>Milestone Description:</b> Provide RL with an update to the Paths to Closure Document consistent with Mission Planning Guidance (MPG) and data from the April, 1999 Project Baseline Summaries.				
<b>Description of what constitutes completion of this milestone:</b> This milestone is complete upon delivery of a document suitable for public distribution both in electronic and hard copy forms in accordance with the MPG.				

PHMC

MILESTONE DESCRIPTION SHEET

Title: SEMI ANNUAL SUBMISSION OF SSS TO RL-PID AND HANDI			Date:	
Assigned To: R. B. Agee			CIN:	
Program WBS Designator: 1.8.2.1.2.1.3			Due Date: 11/30/98	
PBS No: RL-0T01				
MC #: BAS-99-001		TPA No:		Rev:
MILESTONE LEVEL:  <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO CONTRACTOR	MILESTONE TYPE:  EA PEG <input checked="" type="checkbox"/> X OTHER TIP	DNFSB STATUS:  DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE:  Report Letter Drawing(s) <input checked="" type="checkbox"/> X Other (Specify) SCHEDULE	ADDRESS TO:  <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> X DOE-RL Other (Specify)
<p><b>Milestone Description:</b> After submission of Projects (WM, SNF, FS, ER, TWRS, PNWW) final MYWP updates, prepare and deliver to RL-PID revision 5 of the Site Summary Schedule (SSS), target submittal date is November 30, 1998.</p>				
<p><b>Description of what constitutes completion of this milestone:</b> Delivery of the hardcopy of the Site Summary Schedule to DOE-RL. Also, place the SSS on HANDI.</p>				

PHMC

MILESTONE DESCRIPTION SHEET

<b>Title:</b> SUBMIT FY 2001 PROJECT BASELINE SUMMARIES (PBS'S) TO RL			<b>Date:</b>	
<b>Assigned To:</b> REICHMUTH/BENCE			<b>CIN:</b>	
<b>Program WBS Designator:</b> 1.8.2.1.2.1.6			<b>Due Date:</b> 12/18/98	
<b>PBS No:</b> RL-OT01				
<b>MC #:</b> BAS-99-006		<b>TPA No:</b>		<b>Rev:</b>
<b>MILESTONE LEVEL:</b>	<b>MILESTONE TYPE:</b>	<b>DNFSB STATUS:</b>	<b>DELIVERABLE:</b>	<b>ADDRESS TO:</b>
DOE-HQ <input checked="" type="checkbox"/> DOE-RL DOE-FO CONTRACTOR	EA PEG X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	X Report Letter Drawing(s) Other (Specify)	X DOE-HQ X DOE-RL Other (Specify)
<b>Milestone Description:</b> Provide RL an update to Project Baseline Summaries (PBS's) consistent with Mission Planning Guidance (MPG). The update will include a full update to Section A (the Baseline) and an update to the FY 2000 allocations in Section B (the Budget). Other information (e.g., Operations Office Data Summary (ODS) and Site Level Summary (SSL) files) will be updated for consistency with PBS data and as needed to support rewriting of Paths to Closure or as required by HQ. The information captured in Section A will be from the approved FY 1999 Multi Year Work Plans and any approved Baseline Change Requests through November 15, 1998. This PBS update will include a full metrics update.				
<b>Description of what constitutes completion of this milestone:</b> This milestone is complete when the PBS's are transmitted either electronically or in hard copy to RL in accordance with the MPG.				

PHMC

MILESTONE DESCRIPTION SHEET

Title: SEMI ANNUAL SUBMISSION OF SSS TO RL-PID AND HANDI			Date:	
Assigned To: R. B. AGEE			CIN:	
Program WBS Designator: 1.8.2.1.2.1.3			Due Date: 4/14/99	
PBS No: RL-0T01				
MC #: BAS-99-005		TPA No:		Rev:
MILESTONE LEVEL: <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO <input checked="" type="checkbox"/> CONTRACTOR	MILESTONE TYPE: <input type="checkbox"/> EA <input type="checkbox"/> PEG <input checked="" type="checkbox"/> X OTHER <input type="checkbox"/> TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) <input checked="" type="checkbox"/> X Other (Specify) SCHEDULE	ADDRESS TO: DOE-HQ DOE-RL <input checked="" type="checkbox"/> X Other (Specify)
<b>Milestone Description:</b> After the final February fiscal month major project monthly schedule submittal, revise and deliver to RL-PID revision 6 of the Site Summary Schedule (SSS), target submittal date is April 14, 1999.				
<b>Description of what constitutes completion of this milestone:</b> Delivery of the hardcopy of the Site Summary Schedule to DOE-RL. Also place the SSS on HANDI.				

PHMC

MILESTONE DESCRIPTION SHEET

<b>Title:</b> REVIEW PLANNED UPDATES TO FY 2000 MULTI YEAR WORK PLANS			<b>Date:</b>	
<b>Assigned To:</b> Reichmuth			<b>CIN:</b>	
<b>Program WBS Designator:</b> 1.8.2.1.2.1.1			<b>Due Date:</b> 7/30/99	
<b>PBS No:</b> RL-OT01				
<b>MC #:</b> BAS-99-003		<b>TPA No:</b>		<b>Rev:</b>
<b>MILESTONE LEVEL:</b>	<b>MILESTONE TYPE:</b>	<b>DNFSB STATUS:</b>	<b>DELIVERABLE:</b>	<b>ADDRESS TO:</b>
X DOE-HQ DOE-RL DOE-FO CONTRACTOR	EA PEG X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) RL Contractor Status Meeting	DOE-HQ X DOE-RL Other (Specify)
<b>Milestone Description:</b> Each Mission area conducts an RL and Contractor interface meeting to status proposed changes to the approved baseline as a result of the formal Baseline Updating Guidance (BUG). Regulator participation in the status session is encouraged.				
<b>Description of what constitutes completion of this milestone:</b> This milestone is complete when each of the Mission Areas provides RL with a status of the impacts of current information (new funding constraints, new strtegies, etc.) on the approved baseline document. Status sessions are intended to communicate the proposed differences to the approved baseline.				

PHMC

MILESTONE DESCRIPTION SHEET

Title: FACILITATE DELIVERY OF FY 2000 MYWP TO RL IN ACCORDANCE WITH BUG			Date:	
Assigned To: Reichmuth			CIN:	
Program WBS Designator: 1.8.2.1.2.1.1			Due Date: 8/30/99	
PBS No: RL-OT01				
MC #: BAS-99-004		TPA No:		Rev:
MILESTONE LEVEL: <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO CONTRACTOR	MILESTONE TYPE: <input checked="" type="checkbox"/> EA <input checked="" type="checkbox"/> PEG <input checked="" type="checkbox"/> X OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) <input checked="" type="checkbox"/> X Other (Specify) Updated baseline	ADDRESS TO: DOE-HQ <input checked="" type="checkbox"/> X DOE-RL Other (Specify)
<p><b>Milestone Description:</b> Facilitate the delivery of Mission area updated FY 2000 project baselines in accordance with the BUG.</p>				
<p><b>Description of what constitutes completion of this milestone:</b> This milestone is complete when each of the Mission Areas provide RL with their FY 2000 MYWP's in accordance with the BUG</p>				

PHMC

MILESTONE DESCRIPTION SHEET

Title: SUBMIT MONTHLY SMBS/IPAIR TO RL-PID			Date:	
Assigned To: R. B. Agee			CIN:	
Program WBS Designator: 1.8.2.1.2.1.3			Due Date: 9/20/99	
PBS No: RL-OT01				
MC #: BAS-99-002		TPA No:		Rev:
MILESTONE LEVEL:  <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO CONTRACTOR	MILESTONE TYPE:  EA PEG <input checked="" type="checkbox"/> X OTHER TIP	DNFSB STATUS:  DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE:  Report Letter Drawing(s) <input checked="" type="checkbox"/> X Other (Specify) SCHEDULE	ADDRESS TO:  DOE-HQ <input checked="" type="checkbox"/> X DOE-RL Other (Specify)
<p><b>Milestone Description:</b> Within 20 working days of the prior fiscal month end prepare and produce copies of the PHMC major projects (TWRS, WM, SNF, FS, &amp; AR) SMBS schedules. The monthly Inter Project Analysis Impact Report (IPAIR) constitutes analysis of the SMBS data.</p>				
<p><b>Description of what constitutes completion of this milestone:</b> On the 21st working day after prior fiscal month end deliver schedules and IPAIR to RL-PID.</p>				

PHMC

MILESTONE DESCRIPTION SHEET

<b>Title:</b> EM MANAGEMENT COMMITMENTS/QMR SUPPORT			<b>Date:</b>	
<b>Assigned To:</b> Pielstick			<b>CIN:</b>	
<b>Program WBS Designator:</b> 1.8.2.1.2.3.1			<b>Due Date:</b> 9/30/99	
<b>PBS No:</b> RL-0T01				
<b>MC #:</b> AST-99-001		<b>TPA No:</b>		<b>Rev:</b>
<b>MILESTONE LEVEL:</b>  <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO CONTRACTOR	<b>MILESTONE TYPE:</b>  <input checked="" type="checkbox"/> EA <input checked="" type="checkbox"/> PEG <input checked="" type="checkbox"/> X OTHER TIP	<b>DNFSB STATUS:</b>  DNFSB (Y/N): COMMIT #: RECOMM #:	<b>DELIVERABLE:</b>  <input checked="" type="checkbox"/> Report Letter Drawing(s) Other (Specify)	<b>ADDRESS TO:</b>  DOE-HQ <input checked="" type="checkbox"/> DOE-RL Other (Specify)
<b>Milestone Description:</b> Provide EM Management Commitment actual performance reported through the Quarterly Management Review.				
<b>Description of what constitutes completion of this milestone:</b> RL will receive actual performance reporting of EM Management Commitment performance measures and objectives. Data will be transmitted via the quarterly HSPR. Periodic updating of HQ's QMR summary file may be provided for Hanford (TBD).				

PHMC

MILESTONE DESCRIPTION SHEET

<b>Title:</b> SUB DRAFT FY 2000/2001 IPL/PPL TO RL IN SUPT OF FY 2001 BUD REQ			<b>Date:</b>
<b>Assigned To:</b> Reichmuth/Marshall			<b>CIN:</b>
<b>Program WBS Designator:</b> 1.8.2.1.2.5.4			<b>Due Date:</b> 2/26/99
<b>PBS No:</b> RL-OT01			
<b>MC #:</b> BUD-99-001		<b>TPA No:</b>	<b>Rev:</b>
<b>MILESTONE LEVEL:</b>	<b>MILESTONE TYPE:</b>	<b>DNFSB STATUS:</b>	<b>DELIVERABLE:</b>
X DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) Priority list of site scope
<b>Milestone Description:</b> Provide RL a draft Integrated Site Priority Listing (IPL) and Project Priority Listing (PPL) of FY 2000 and FY 2001 workscope consistent with guidance for given funding levels. The IPL/PPL will consist of subcategories for relevant areas as defined in the Mission Planning Guidance.			
<b>Description of what constitutes completion of this milestone:</b> This milestone is complete when the IPL/PPL are transmitted either electronically or in hard copy to RL in accordance with the Mission Planning Guidance.			

PHMC

MILESTONE DESCRIPTION SHEET

Title: SUBMIT FY 2000/2001 IPL/PPL TO RL IN SUPPORT OF FY 2001 BUD REQ			Date:	
Assigned To: Reichmuth/Marshall			CIN:	
Program WBS Designator: 1.8.2.1.2.5.4			Due Date: 4/15/99	
PBS No: RL-OT01				
MC #:	BUD-99-002	TPA No:	Rev:	
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:
<input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO CONTRACTOR	EA PEG <input checked="" type="checkbox"/> X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	Report Letter Drawing(s) <input checked="" type="checkbox"/> X Other (Specify) Priority list of site scope	DOE-HQ <input checked="" type="checkbox"/> X DOE-RL Other (Specify)
<b>Milestone Description:</b> Provide RL a final Integrated Site Priority Listing (IPL) and Project Priority Listing (PPL) of FY 2000 and FY 2001 workscope consistent with guidance for given funding levels. The IPL/PPL will consist of subcategories for relevant areas as defined in the Mission Planning Guidance. The IPL/PPL will be consistent with final FY 2000 Project Baseline Summaries (PBS).				
<b>Description of what constitutes completion of this milestone:</b> This milestone is complete when the IPL/PPL are transmitted either electronically or in hard copy to RL in accordance with the Mission Planning Guidance.				

PHMC

MILESTONE DESCRIPTION SHEET

Title: SUBMIT UPDATED FY 2001 PROJECT BASELINE SUMMARIES (PBS'S) TO RL			Date:	
Assigned To: Reichmuth/Bence			CIN:	
Program WBS Designator: 1.8.2.1.2.5.5			Due Date: 4/15/99	
PBS No: RL-OT01				
MC #:	BUD-99-003		TPA No:	Rev:
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:
X DOE-HQ DOE-RL DOE-FO CONTRACTOR	EA PEG X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	X Report Letter Drawing(s) Other (Specify)	DOE-HQ X DOE-RL Other (Specify)

**Milestone Description:**

Provide RL final FY 2001 Project Baseline Summaries (PBS's) consistent with the Mission Planning Guidance (MPG). PBS's are derived from the approved baseline (MYWP) and depict the differences between the baseline and potential funding constraints.

Incorporate the results of the FY 2001 Budget and Integrated Priority List activities into Section B including Performance Measures while keeping Section A consistent with the December 18, 1998 PBS submittal. Consistent with the FY 2000 PBS update process, provide on-line access to the PBS information to allow for real-time review and comment by RL.

**Description of what constitutes completion of this milestone:**  
This milestone is complete when the PBS's are transmitted either electronically or in hard copy to RL in accordance with the MPG.

PHMC

MILESTONE DESCRIPTION SHEET

Title: DELIVER ELECTRONIC MYWPS TO RL			Date:	
Assigned To: R. AGEE			CIN:	
Program WBS Designator: 1.8.2.1.2.6.3			Due Date: 8/30/99	
PBS No: RL-OT01				
MC #: DSI-99-001		TPA No:		Rev:
MILESTONE LEVEL:  <input checked="" type="checkbox"/> DOE-HQ <input checked="" type="checkbox"/> DOE-RL <input checked="" type="checkbox"/> DOE-FO <input checked="" type="checkbox"/> CONTRACTOR	MILESTONE TYPE:  <input checked="" type="checkbox"/> EA <input checked="" type="checkbox"/> PEG <input checked="" type="checkbox"/> X OTHER <input checked="" type="checkbox"/> TIP	DNFSB STATUS:  DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE:  Report Letter Drawing(s) <input checked="" type="checkbox"/> X Other (Specify) Electronic Baseline Doc.	ADDRESS TO:  DOE-HQ <input checked="" type="checkbox"/> X DOE-RL Other (Specify)
<b>Milestone Description:</b> Develop a system module that contains all MYWP products as defined and agreed to with RL. Provide electronic viewing capability of the MYWPs via the Hanford Data Integrator (HANDI) display tool.				
<b>Description of what constitutes completion of this milestone:</b> By August 31, 1999 provide electronic viewing (HANDI) capability of agreed to MYWP products.				

**PBS-4.0 COST BASELINE**

**PBS-4.1 Life-cycle Cost Baseline (BCWS) by PBS**

See Pages 2-65 through 2-66.

**EXHIBIT 1a**

**SUPPORT**  
**LIFE CYCLE COST BASELINE (BCWS) BY YEAR BY FUND TYPE**  
**BY PROJECT BASELINE SUMMARY (PBS)**

BY 1999

(\$000s)

PROJECT WEB#:	1.8.2.1	SUSTOT									
PBS NO:	RL-0701	FY1997-FY2006									
PBS TITLE: SITE PLANNING & INTEGRATION											
FUND TYPE	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	
OPERATING EXPENSE	9,118	5,878	6,300	5,500	5,500	5,500	5,500	5,500	5,500	5,500	58,796
CENRTC	-	-	-	-	-	-	-	-	-	-	-
GENERAL PLANT PROJECT	-	-	-	-	-	-	-	-	-	-	-
LINE ITEM (List Each One)											
0	-	-	-	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-	-	-	-
Subtotal Line Items											
Escalation				106	220	336	455	576	700	827	3,220
MGMT RESERVE <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-
LINE ITEM CONTINGENCY <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-
TRANSFERS <sup>4</sup>	-	1,500	1,316	1,481	1,500	1,500	1,500	1,500	1,500	1,500	13,297
Subtotal	-	1,500	1,316	1,481	1,500	1,500	1,500	1,500	1,500	1,500	13,297
Escalation				31	65	100	135	171	208	245	955
<b>TOTAL</b>	<b>9,118</b>	<b>7,378</b>	<b>6,616</b>	<b>7,118</b>	<b>7,285</b>	<b>7,436</b>	<b>7,690</b>	<b>7,747</b>	<b>7,908</b>	<b>8,072</b>	<b>76,268</b>

<sup>1</sup>Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover is Not Included.

#### **<sup>2</sup>Management Reserve and Line Item Contingency Held By RI**

**3c) Funds/Workscope Transferred to Other Sites, Transferred to Hartford from Other Sites, and/or Funds/Workscope Controlled by RI**

**PBS-4.2      Life-cycle Budget Authority (B/A) by PBS**

See page 2-68.

**PBS-4.3      Execution Year Cost Baseline by Month by PBS by Fund Type**

This chart cannot be provided at this time due to the system limitations. It is anticipated that the ability to publish this report will be available through PERF by mid-October 1999.

**CORRESPONDENCE DISTRIBUTION COVERSHEET**

Author  
G. J. McCleary, FDH  
E. A. Schultz, 376-3264

**Addressee**

#### Correspondence No.

## Subject: 1.8.2.1 FISCAL YEAR 1999 MULTI-YEAR WORK PLAN UPDATE

## DISTRIBUTION

Name	Location	w/att	Name	Location	w/att
Correspondence Control	A3-01		A3-01		
Central Files	B1-07				
Reading Room	H2-53				
Regulators (1)	A5-58				
Tech Library	P8-55				
<u>U. S. Department of Energy, Richland Operations Office</u>					
K. D. Cameron	A5-58	X			
J. L. Daily	A5-58	X			
L. Y. Herndobler	A5-58	X			
J. D. Kautzky	A5-58	X			
<u>Fluor Daniel Hanford, Inc.</u>					
R. B. Agee	B3-53	X			
P. A. Baynes	H8-71	X			
K. A. Bence	B3-53	X			
R. M. Brackett	B3-53	X			
C. Edwards	B3-53	X			
J. E. Ferguson	H8-71	X			
W. C. Floberg	B3-53	X			
M. L. Grygiel	H8-71	X			
L. R. Hafer	B3-53	X			
R. J. Hubbard	B3-53	X			
L. E. Maiden	B3-53	X			
G. J. McCleary	B3-53	X			
A. Johndro-Collins	B3-53	X			
D. N. LaRue	B3-53	X			
R. A. Marshall	B3-53	X			
K. M. McIntosh	B3-53	X			
E. J. Murphy-Fitch	B3-53	X			
D. P. Olson	B3-53	X			
R. M. Pielstick	B3-53	X			
B. A. Reichmuth	B3-53	X			
W. M. Ritter	B3-53	X			
E. A. Schultz	B3-53	X			
S. T. Smith	H8-71	X			
K. B. Tobler	B3-53	X			
J. L. Waite	B3-53	X			
A. J. Watts	B3-53	X			
Extra copies (4)	B3-53	X			