



# Regulatory Unit

## Monthly Performance Report

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**August 2000**

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**Office of Safety  
Regulation of the  
RPP-WTP  
Contractor**

October 2000  
Environmental Management  
Performance Report Submittal

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# **EXECUTIVE OVERVIEW**

## EXECUTIVE SUMMARY

In August, Dr. Carolyn Huntoon (EM-1) commissioned an independent organizational specialist to assess the proper reporting relationship of the RU for future regulatory activities. The assessment was completed as planned and recommendations were made. The specialist interviewed representatives from DOE-HQ, the RU, ORP, NRC and the DNFSB. The assessment was very complimentary of the RU performance and recognized the tug between “independence” and “direct lines of authority”. It offered suggested approaches for RU interface with ORP. At the request of Dr. Huntoon, the RU and ORP will work out the final structure for safety management by October 1, 2000.

A memorandum citing three issues with the current RPP-WTP Request for Proposal (RFP) was issued on August 30, 2000, from Dr. David Michaels (EH-1) to Dr. Huntoon. To ensure appropriate approval and documentation is incorporated in the future RPP-WTP contract, EH-1 stressed that the issues needed timely clarification and resolution. The RU has a major concern with the proposed change process that would necessitate EH concurrence on changes to the RPP-WTP safety and environmental standards when new requirements arise, or when DOE orders and rules change. Standards approval is a key regulatory action and its execution by the Regulatory Official is important to an efficient and effective regulatory program. This issue needs resolution by October 1, 2000.

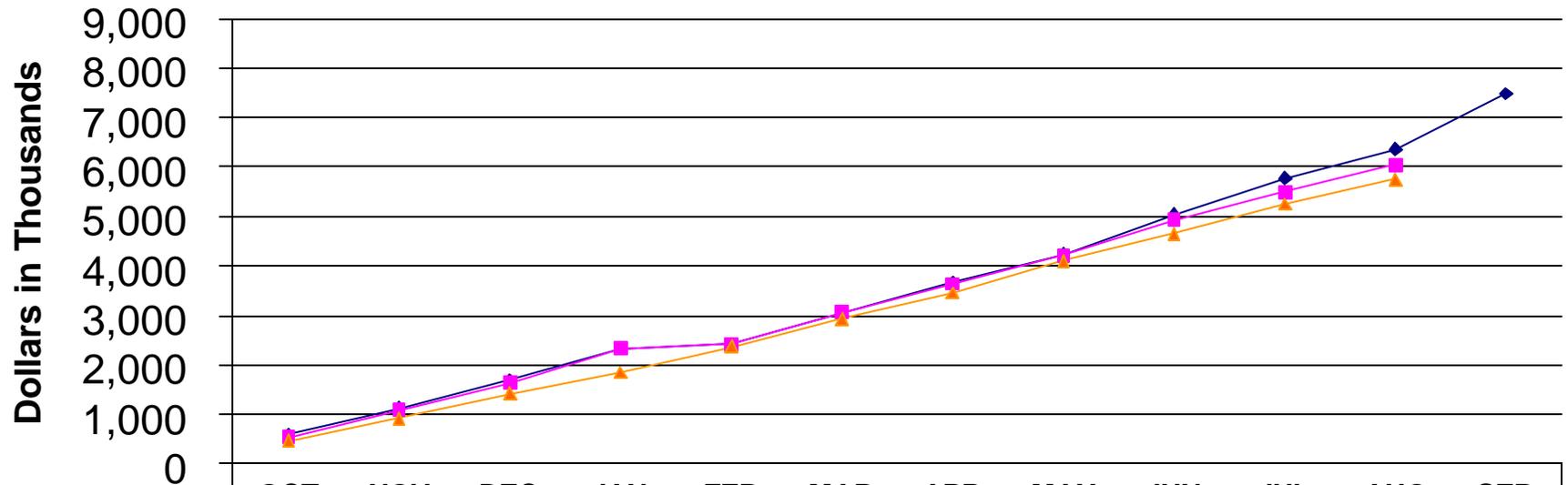
The RPP-WTP RFP was issued on August 31, 2000. Prior to issuance, the RU provided ORP with extensive input regarding the Regulatory Program and how it should be reflected in the RFP. The RU was successful in getting the Regulatory Program included in Standard 7 (ESQ&H) of the submittal. However, there are some aspects of the overall Statement of Work that require modification. The RU is working with ORP on items that need clarification, which require page change modification to the RFP or resolution in the final contract.

A NRC internal paper has been produced for the NRC Commissioners that recommends the NRC withdraw support to the RPP-WTP. This position is contrary to what was recommended in the assessment prepared for Dr. Huntoon on options for Nuclear Safety Regulation and Oversight. This issue is currently being worked through EM Headquarters.

The RU has developed a list of “transition issues” concerning the RU’s future role, achieving regulatory stability, and dual transition. Progress in resolving the 28 issues is stasured on a regular basis, with a target of September 28, 2000, for full closure.

**COST PERFORMANCE (Graph)**

**Regulatory Unit Cost Performance**



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
◆ BCWS	585	1,131	1,694	2,333	2,425	3,067	3,657	4,232	5,045	5,774	6,362	7,475
■ BCWP	543	1,084	1,635	2,333	2,425	3,069	3,640	4,215	4,930	5,498	6,037	
▲ ACWP	460	912	1,422	1,850	2,367	2,927	3,455	4,098	4,652	5,247	5,750	
SV	(42)	(47)	(59)	0	0	2	(17)	(17)	(115)	(276)	(325)	
CV	83	172	213	483	58	142	185	117	278	251	287	

## COST PERFORMANCE SUMMARY

The fiscal year-to-date performance through August reflects an unfavorable schedule variance of \$325K and a favorable cost variance of \$287K. The unfavorable schedule variance is due primarily to BNFL withdrawing its Radiation Protection Program (RPP) for Design and Construction after a one-week acceptability review by the RU determined that the document was not acceptable for a detailed review. In addition, the termination of BNFL's contract has led to delays in Inspections and the review of BNFL's Limited Construction Authorization (LCA). The favorable cost variance is a result of lower than anticipated costs associated with the writing of Inspection procedures, observing Design Reviews, and developing the CAR Planning Handbook.

## NEAR-TERM LOOK AHEAD

The termination of the BNFL contract impacted a majority of FY 2000 RU work activities. Many of these activities, as shown below, had major milestones associated with their completion dates. Until a new baseline is approved, these dates will be shown as "TBD".

### Planned Due Date

#### September - FY 2000

- |  |         |
|--|---------|
| • Commence Review of BNFL ISMP Revision            | TBD     |
| • Issue ALARA Inspection Report                    | TBD     |
| • Conduct Configuration Management Inspection      | TBD     |
| • Commence Review of BNFL HAR Revision             | TBD     |
| • Issue CAR Review Handbook                        | TBD     |
| • Issue Standards Implementation Inspection Report | TBD     |
| • Issue ER on BNFL RPP                             | TBD     |
| • Issue ER on BNFL QAPIP                           | 9-22-00 |
| • Issue FY 2001 Program Management Plan            | 9-29-00 |

#### October - FY 2001

- The RU role and responsibilities appear to be changing at this time. In addition, some key project milestones and deliverable dates have yet to be decided.

#### November - FY 2001

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# **PROGRAM PERFORMANCE OVERVIEW**

**PERFORMANCE SUMMARY (Chart) – Program Direction and Program Support**

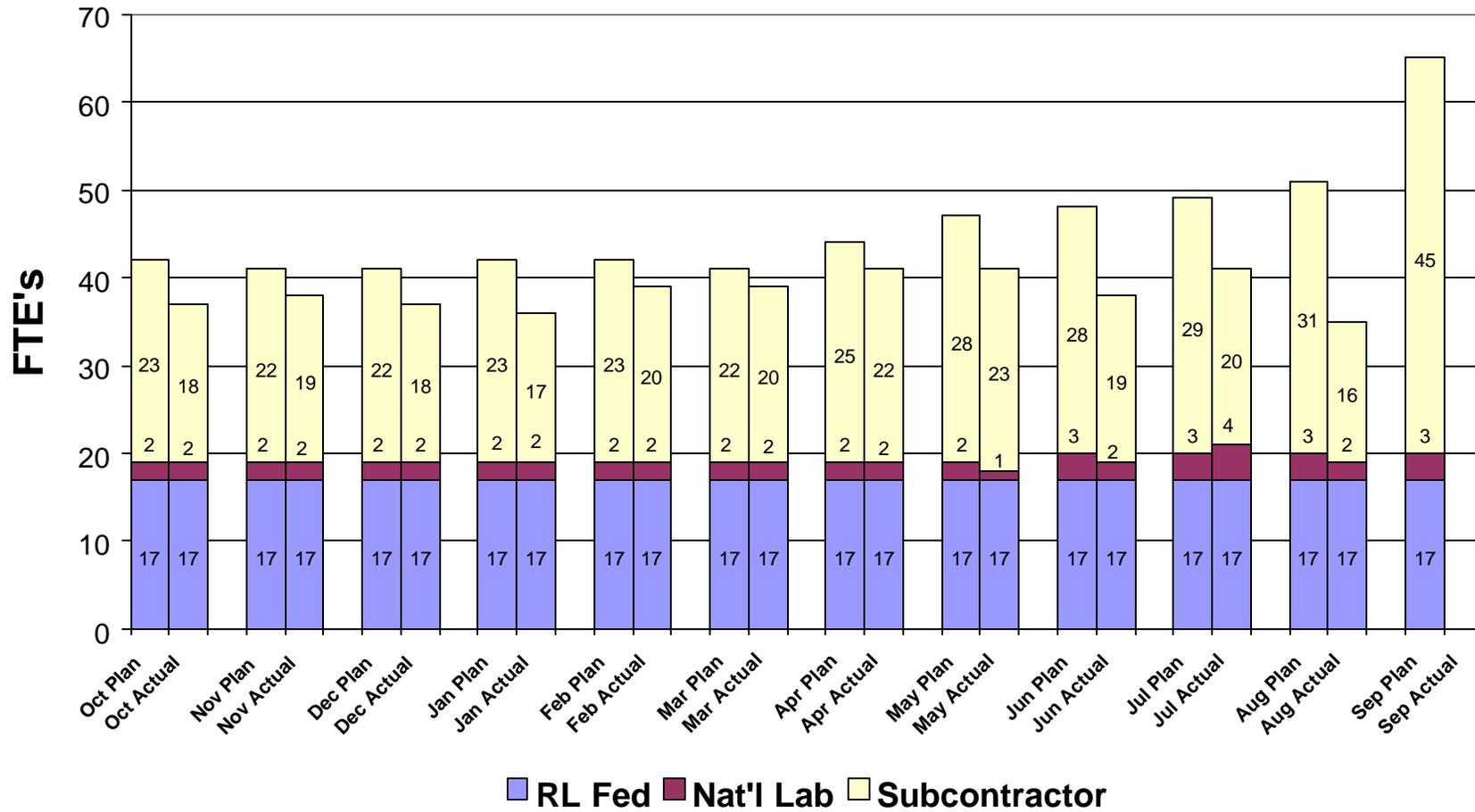
		DOLLARS IN \$000's					FY 2000		
		BCWS	BCWP	ACWP	SV	CV	BAC	EAC	Delta
<b>RU1</b>	<b>Program Management</b>								
	<i>Program Direction</i>	\$1,337	1,339	1,380	2	(\$41)	\$1,462	1,495	(\$33)
	<i>Program Support</i>	1,475	1,475	1,470	0	5	1,656	1,541	115
	<b>Total RU1 -----</b>	<b>2,812</b>	<b>2,814</b>	<b>2,850</b>	<b>2</b>	<b>(36)</b>	<b>3,118</b>	<b>3,036</b>	<b>82</b>
<b>RU2</b>	<b>Regulatory Policy &amp; Practices</b>								
	<i>Program Direction</i>	133	133	127	0	6	143	152	(9)
	<i>Program Support</i>	387	387	342	0	45	410	331	79
	<b>Total RU2 -----</b>	<b>520</b>	<b>520</b>	<b>469</b>	<b>0</b>	<b>51</b>	<b>553</b>	<b>483</b>	<b>70</b>
<b>RU5</b>	<b>Recurring Safety Reviews</b>								
	<i>Program Direction</i>	402	374	357	(28)	17	435	395	40
	<i>Program Support</i>	1,299	1,161	1,080	(138)	81	1,406	1,251	155
	<b>Total RU5 -----</b>	<b>1,701</b>	<b>1,535</b>	<b>1,437</b>	<b>(166)</b>	<b>98</b>	<b>1,841</b>	<b>1,646</b>	<b>195</b>
<b>RU6</b>	<b>Construction Authorization</b>								
	<i>Program Direction</i>	185	153	88	(32)	65	245	110	135
	<i>Program Support</i>	210	149	144	(61)	5	402	155	247
	<b>Total RU6 -----</b>	<b>395</b>	<b>302</b>	<b>232</b>	<b>(93)</b>	<b>70</b>	<b>647</b>	<b>265</b>	<b>382</b>
<b>RU9</b>	<b>Oversight &amp; Inspections</b>								
	<i>Program Direction</i>	240	214	198	(26)	16	276	285	(9)
	<i>Program Support</i>	510	468	384	(42)	84	598	415	183
	<b>Total RU9 -----</b>	<b>750</b>	<b>682</b>	<b>582</b>	<b>(68)</b>	<b>100</b>	<b>874</b>	<b>700</b>	<b>174</b>
<b>RU10</b>	<b>Special Projects</b>								
	<i>Program Direction</i>	\$9	9	27	0	(\$18)	\$9	40	(\$31)
	<i>Program Support</i>	175	175	153	0	22	432	220	212
	<b>Total RU10 -----</b>	<b>\$184</b>	<b>184</b>	<b>180</b>	<b>0</b>	<b>\$4</b>	<b>\$441</b>	<b>260</b>	<b>\$181</b>
<b>Total Regulatory Unit Program</b>									
	<i>Program Direction</i>	\$2,306	2,222	2,177	(84)	\$45	\$2,570	2,477	\$93
	<i>Program Support</i>	4,056	3,815	3,573	(241)	242	4,904	3,913	991
	<b>Total RU Program -----</b>	<b>\$6,362</b>	<b>6,037</b>	<b>5,750</b>	<b>(325)</b>	<b>\$287</b>	<b>\$7,474</b>	<b>6,390</b>	<b>\$1,084</b>

## MILESTONE CONTROL LOG

MILESTONE CONTROL LOG							
MILESTONE		WBS	MILESTONE DESCRIPTION	BASELINE COMPLETION DATE	SCHEDULE STATUS	FORECAST COMPLETION DATE	ACTUAL COMPLETION DATE
TYPE	NUMBER						
<b><u>FISCAL YEAR 2000</u></b>							
RL	00-010	RU902	Standards Selection Inspection rpt issued	10/12/99	Complete	10/06/99	10/06/99
RL	00-011	RU902	Authorization Basis Inspection rpt issued	11/08/99	Complete	12/13/99	12/13/99
RL	00-012	RU902	Safety Integration Inspection rpt issued	12/07/99	Complete	12/03/99	12/03/99
FO	00-013	RU203	IH&S Plan issued	5/10/00	Complete	5/10/00	5/10/00
FO	00-015	RU205	Revised Interface Plan issued	1/31/00	Complete	1/28/00	1/28/00
RL	00-016	RU902	Design Process Inspection rpt issued	2/14/00	Complete	2/08/00	2/08/00
RL	00-017	RU902	Employee Concerns Program Inspection rpt issued	3/13/00	Complete	3/10/00	3/10/00
RL	00-018	RU902	Training & Qualifications Inspection rpt issued	4/07/00	Complete	4/05/00	4/05/00
RL	00-019	RU608	SAP Rvw Handbook issued	7/31/00	Complete	7/31/00	7/21/00
RL	00-027	RU608	Initiate Review of SAP	9/01/00	TBD	TBD	
RL	00-020	RU605	LCAR Planning Handbook issued	6/16/00	Complete	6/16/00	6/16/00
FO	00-004	RU502	ER & Approval of QAPIP Rev. 6 issued	9/22/00	On Schedule	9/22/00	
RL	00-014	RU902	Standards Implementation Inspection rpt issued	9/29/00	TBD	TBD	
RL	00-026	RU605	Initiate Review of LCA Request	6/27/00	Complete	6/27/00	6/27/00
FO	00-002	RU204	Openness Plan Rev. 3 issued	6/30/00	Complete	6/30/00	6/30/00
RL	00-021	RU902	QA Inspection rpt issued	7/28/00	TBD	TBD	
RL	00-022	RU602	CAR Planning Handbook issued	9/29/00	TBD	TBD	
FO	00-023	RU502	Approval of RPP Rev. #3 issued	9/01/00	TBD	TBD	
RL	00-024	RU902	Corrective Actions Inspection rpt issued	5/30/00	Complete	5/31/00	5/31/00
RL	00-025	RU902	ALARA Inspection rpt issued	9/11/00	TBD	TBD	
FO	00-003	RU102	FY 2001 PMP issued	9/29/00	On Schedule	9/29/00	

**FULL-TIME EQUIVALENCY PROFILE (Graph)**

**Regulatory Unit FTE Profile**



**CHANGE CONTROL STATUS LOG**Regulatory Unit  
FY 2000 Change Control Log

CIN#	Change Classified.	Author	WBS#	Date Change Originated	Change Request Explanation	CEB Review Date	CEB Disposition
00-001	I	K.D. Grindstaff	1.10	11/99	Processing of the FY 1999 Carryover into FY 2000 Baseline and Realignment of FY 2000 Cost Savings to Emergent Priority Workscope.	11/24/99	Approved
00-002	II	K.D. Grindstaff	1.10	12/99	Added new emergent workscope associated with impact risk balancing between TWRS and the TWRS-P facility.	12/03/99	Approved
00-003	III	K.D. Grindstaff	1.10	1/00	Redistributed funds associated with a task package titled Other Direct Cost (0424ODC).	1/18/00	Approved
00-004	II	K.D. Grindstaff	1.10	1/00	Renamed Cost Account RU1002 from K Basin SAR to Misc. RU Reg. Activities and separated the CAP into three tasks; K Basin SAR, RL Quality Assurance Program Plan, and WIPP Reg. Program Development.	1/20/00	Approved
00-005	I	K.D. Grindstaff	1.10	2/00	Implemented the most recent resource/activity planning effort, utilizing the Project's FYTD cost savings. Mid-year rebaselining effort.	2/25/00	Approved
00-006	II	K.D. Grindstaff	1.10	5/00	Initiated the detailed review of the BNFL process and facility design, which will provide the RU a current understanding of the BNFL process and facility design.	5/02/00	Approved
00-007	I	K.D. Grindstaff	1.10	5/00	Aligned the RU to the latest BNFL schedule delay prior to the decision to terminate the BNFL Hanford Contract.	5/30/00	Approved
00-008	II	K.D. Grindstaff	1.10	6/00	Implemented workscope to support decisions related to the relative risk of TWRS compared to the TWRS-P facility.	6/22/00	Approved
00-009	II	K.D. Grindstaff	1.10	7/00	This change request documented \$750K of Programmatic efficiencies that are being made available for other Hanford Site priority workscope. This is a funds only change request.	8/02/00	Approved