

United States Government

Department of Energy  
Office of River Protection

# memorandum

DATE: JUN 16 2008  
REPLY TO: OPA:DE 08-OPA-019  
ATTN OF:  
SUBJECT: FISCAL YEAR (FY) 2010 ENVIRONMENTAL MANAGEMENT BUDGET  
SUBMITTAL FOR THE U.S. DEPARTMENT OF ENERGY (DOE), OFFICE OF  
RIVER PROTECTION (ORP)  
TO: James A. Rispoli, Assistant Secretary  
for Environmental Management, EM-1, HQ

ORP is requesting \$1,056 million in funding for FY 2010 consistent with our validated and Secretarial Acquisition Executive (SAE) approved baselines. This budget request is not consistent with the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) upcoming milestone dates due to: 1) delays in the construction, commissioning, and operation of the Waste Treatment and Immobilization Plant (WTP) project; 2) Tank Farm scope deferrals; and 3) unforeseen technical issues with Single-Shell Tank (SST) retrievals. Tri-Party Agreement (TPA) negotiations between DOE, the Environmental Protection Agency (EPA), and the Washington State Department of Ecology (Ecology) regarding these matters are ongoing.

We realize at this time, DOE will not be submitting a FY 2010 budget request to the Office of Management and Budget. However, ORP will be updating the Tank Farm SAE approved baseline to reflect the new Tank Operations Contract, FY 2019 startup of WTP, and outcome of TPA negotiations, if an agreement is reached. ORP is committed to engaging and seeking feedback from our regulators, stakeholders and public as changes to the baseline are made.

ORP's planning represents our best efforts to align these technical challenges with our commitment to make significant cleanup progress at the Hanford Site. Our top priorities include:

- Maintain safe Tank Farms operations;
- Complete full WTP construction and start operations by 2019;
- Enhance SST Integrity Program;
- Ensure infrastructure needs to feed WTP;
- Continue to develop retrieval technology and retrieve approximately one tank per year;
- Continue to develop supplemental treatment capacity to ensure High Level Waste vitrification throughput is maintained at full capacity; and,
- Continue conceptual planning and technology development for pretreatment system.

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In accordance with the TPA, Paragraph 148, and DOE's commitment to seek, collect, and consider input in the development of the budget request, we provided budget briefings and information to Ecology, EPA, stakeholders and the public at the onset and throughout the budget development process. In addition, the DOE Richland Operations Office (RL) and ORP jointly held a public meeting to discuss and seek feedback on the proposed FY 2010 budget request and cleanup priorities.

The majority of the themes we heard from the regulators, public, and others were consistent with the overarching priorities of ORP which includes:

- Safe storage of tank waste;
- Complete the WTP;
- Reliable waste feed by FY 2019 to WTP;
- Increase the number of SST retrievals per year;
- Make decision on supplemental treatment technology and build the capacity to treat all the low activity tank waste; and,
- Support Early Low Activity Waste and Interim Pretreatment System.

A significant differing priority between ORP and the regulators and stakeholders is the rate of retrievals from SST's. ORP plans to continue to focus on the development of retrieval technologies while retrieving approximately one SST per year until the WTP is operational in 2019. A major priority for ORP is to ensure the infrastructure and retrieval technologies are in place to support a 2019 startup of WTP. SST retrievals must significantly increase when WTP becomes operational to provide the steady feed of waste to WTP which is required to maximize the efficiencies for vitrifying Hanford's tank waste.

We are available for further discussion of our baseline cost, schedule and technical assumptions. As discussed with your staff, RL and ORP have provided the detailed information requested by Ecology. We are ready to initiate baseline follow-on discussions with your office, EPA, tribal nations and the stakeholders. We look forward to coordinating these next steps with your staff.

Regulator comments, Hanford Advisory Board advice, and comments received to date from the public were transmitted to you by RL dated June 11, 2008, via letter 08-FMD-0144. These comments are also available electronically on the Hanford website at [www.hanford.gov](http://www.hanford.gov). Additional comments on clean up priorities received through June 18, 2008, will be forwarded to Headquarters for consideration in the development of the FY 2010 Budget.

If you have any questions, please contact me, or your staff may contact Lisa A. Copeland, Director of Project Administration, (509) 376-8515.



Shirley J. Olinger, Manager  
Office of River Protection

James A. Rispoli  
08-OPA-019

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cc:

J. A. Hedges, Ecology  
L. C. Treichel, EM-3.2  
M. W. Frei, EM-30  
C. F. Rheume, EM-31  
N. Ceto, EPA

<b>Task# ORP-OPA-2008-0021</b>
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E-STARS<sup>®</sup> Report  
 Task Detail Report  
 06/16/2008 0347

TASK INFORMATION			
<b>Task#</b>	ORP-OPA-2008-0021		
<b>Subject</b>	Concur - 08-OPA-019 FISCAL YEAR (FY) 2010 ENVIRONMENTAL MANAGEMENT BUDGET SUBMITTAL FOR THE U.S. DEPARTMENT OF ENERGY (DOE), OFFICE OF RIVER PROTECTION (ORP)		
<b>Parent Task#</b>		<b>Status</b>	CLOSED 06/16/2008
<b>Reference</b>		<b>Due</b>	
<b>Originator</b>	Reynolds, Kimberly	<b>Priority</b>	High
<b>Originator Phone</b>	(509) 376-2044	<b>Category</b>	None
<b>Origination Date</b>	06/10/2008 1053	<b>Generic1</b>	
<b>Remote Task#</b>		<b>Generic2</b>	
<b>Deliverable</b>	None	<b>Generic3</b>	
<b>Class</b>	Long Term	<b>View Permissions</b>	Normal
<b>Instructions</b>	<p>BCC:            OPA OFF File            OPA RDG File            MGR RDG File            J. H. Wicks, ENS            B. J. Harp, TPD</p> <p>Record Note - This letter is going through concurrence at the same time the RL letter is going through their concurrence. RL's letter 08-FMD-0144 has not been issued yet, therefore when referring to that letter in this memo the date shows xxxxx. The actual date will be replaced</p>		
ROUTING LISTS			
1	Route List		Inactive
	<ul style="list-style-type: none"> <li>● Etheridge, Dragana - Review - Concur - 06/10/2008 1213 <i>Instructions:</i></li> <li>● Copeland, Lisa A - Review - Cancelled - 06/16/2008 1547 <i>Instructions:</i></li> <li>● Eschenberg, John R - Review - Concur with comments - 06/11/2008 1410 <i>Instructions:</i></li> <li>● Charboneau, Stacy L - Review - Concur - 06/11/2008 1636 <i>Instructions:</i></li> <li>● Taylor, Hugh N - Review - Concur - 06/16/2008 1545 <i>Instructions:</i></li> <li>● Olinger, Shirley J - Approve - Approved with comments - 06/16/2008 1546 <i>Instructions:</i></li> </ul>		
ATTACHMENTS			
Attachments	1. 08-OPA-019.rispoli.doc		
COLLABORATION			

**RECEIVED**

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**DOE-ORP/ORPCC**

<b>Task# ORP-OPA-2008-0021</b>
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<b>COMMENTS</b>	
<b>Poster</b>	Eschenberg, John R (Perez, Anez) - 06/11/2008 0206
	Concur
	Wahed concurs for John Eschenberg with one change to page number 2, paragraph 5, 1st sentence (xxxx put correct date).
<b>Poster</b>	Olinger, Shirley J (Reynolds, Kimberly) - 06/16/2008 0306
	Approve
	Hugh Taylor signed 06/16/08 while acting for Shirley.
<b>TASK DUE DATE HISTORY</b>	
<i>No Due Date History</i>	
<b>SUB TASK HISTORY</b>	
<i>No Subtasks</i>	

-- end of report --

**Task# ORP-OPA-2008-0021**

E-STARS<sup>®</sup> Report  
 Task Detail Report  
 06/10/2008 1117

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<b>Reference</b>		<b>Due</b>	
<b>Originator</b>	Reynolds, Kimberly	<b>Priority</b>	High
<b>Originator Phone</b>	(509) 376-2044	<b>Category</b>	None
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<b>Remote Task#</b>		<b>Generic2</b>	
<b>Deliverable</b>	None	<b>Generic3</b>	
<b>Class</b>	Long Term	<b>View Permissions</b>	Normal
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<b>ATTACHMENTS</b>			
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<b>COLLABORATION</b>			

<b>Task# ORP-OPA-2008-0021</b>
<b>COMMENTS</b>
<i>No Comments</i>
<b>TASK DUE DATE HISTORY</b>
<i>No Due Date History</i>
<b>SUB TASK HISTORY</b>
<i>No Subtasks</i>

-- end of report --