

0053600

U.S. Department of Energy  
**Office of River Protection**

P.O. Box 450  
Richland, Washington 99352

APR 25 2000

00-OSD-049

*This was sent to  
the TPA in emr.*

*Divide  
579.00*

Mr. Mike Wilson, Program Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
P.O. Box 47600  
Olympia, Washington 98504

**RECEIVED**  
AUG 24 2000

**EDMC**

Dear Mr. Wilson:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) MILESTONE M-45-11A, "COMPLETE 244-AR VAULT INTERIM STABILIZATION"

The U.S. Department of Energy, Office of River Protection (ORP) has completed the following Fiscal Year 2000 Tri-Party Agreement major milestone and is submitting the "244-AR Vault Interim Stabilization Project Plan," RPP-5635, Revision 0, dated March 24, 2000 (attached) for concurrence and approval by the State of Washington Department of Ecology (Ecology).

ORP and Ecology agreed to include the 244-AR Vault Interim Stabilization effort under the Tri-Party Agreement Series M-45-00, "Complete Closure of all Single-Shell Tanks." The agreement included the 244-AR Interim Stabilization work within the M-45 Milestone series as M-45-11 and M-45-11A, and was approved in the Tri-Party Agreement Change Number M-45-99-02 dated November 5, 1999.

52148

The completed Tri-Party Agreement Milestone, M-45-11A, outlines the design and installation of a temporary transfer system into the 244-AR Vault Facility for removal of the pumpable liquids contained in the process tanks and sumps. The project plan includes the scope, schedule, and cost necessary to complete all activities identified in the milestone. The schedule assumes a project start date of October 1, 2000, and project duration of 32 months to meet the Tri-Party Agreement milestone of September 30, 2003.

APR 25 2000

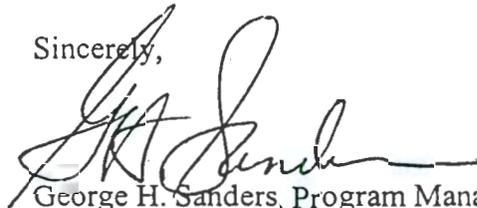
Mr. Mike Wilson  
00-OSD-049

-2-

As per interim Milestone M-45-11, the facility will be interim stabilized, isolated from process liquid lines and waste transfer lines, and the intrusion paths will be mechanically blocked to prevent further intrusion of liquids into the 244-AR Vault.

The point-of-contact for this letter is Maple A. Barnard, Operations Support Division,  
(509) 372-0968.

Sincerely,



George H. Sanders, Program Manager  
Office of Regulatory Liaison

OSD:MAB

Attachment

cc: C. Defigh-Price, CHG  
J. W. Field, CHG  
K. M. Hall, CHG  
T. R. Pauly, CHG  
M. A. Payne, CHG  
J. R. Wilkinson, CTUIR  
S. L. Dahl, Ecology  
D. S. Dougherty, Ecology  
R. F. Stanley, Ecology  
D. R. Sherwood, EPA  
R. F. Stanley, Ecology  
D. R. Sherwood, EPA  
J. S. Hertzal, FHI  
D. J. Washenfelder, FHI  
TPA Administration Record, FHI  
M. B. Reeves, HAB  
M. L. Blazek, OOE  
R. Jim, YN

APR 25 2000

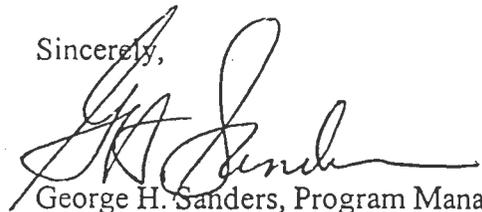
Mr. Mike Wilson  
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CHG-0001767

Attachment 1

PERFORMANCE EXPECTATION COMPLETION NOTICE, ORP3.3.1, STANDARD

Consisting of 3 pages,  
including cover page

## FY 2000 Performance Expectation Completion Notice

### Section I. SUBMISSION INFORMATION

Maximum available incentive fee for this measure: <p style="text-align: center;">\$ 175,000.00</p>	Contractor contact for Question – Name, Location, Phone <p style="text-align: center;"><i>K. M. Hall</i>                  K. M. Hall, 2750 E. D. 299/200E, 376-5023</p>
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### Section II. REQUIREMENT

<p><i>Description of Actual Requirement</i></p> <p><b>General Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Meet the specific completion criteria and expectations set forth in this Performance Incentive; and</li> <li>2. Not incur any unfavorable cost variance [(BCWP-ACWP)/BCWP] less than -5.0 percent, or incur any unfavorable schedule variance [(BCWP-BCWS)/BCWS] less than -7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.</li> </ol> <p>Section 3, "STANDARD (70%) Provide a project plan (by March 30, 2000) for stabilizing 244-AR Vault.</p> <p>Section 4, Define Completion:                  "The project plan shall:</p> <ol style="list-style-type: none"> <li>(1) Address the six items listed in TPA Milestone M-45-11A</li> <li>(2) Describe the scope of work necessary to stabilize the vault(s) until the facility(s) may be turned over for final disposition and closure.</li> <li>(3) Provide a cost estimate for performing the scope of work.</li> <li>(4) Provide a schedule for completing the work."</li> </ol> <p>Section 4, Definitions (None)</p> <p>Section 4, Completion Documents List.                  "The Project Plan."</p> <p>See RMIS Accession D8254110 for ORP3.3.1, Rev. 1.</p>
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### Section III. RESULTS

<p><i>Brief Description of Actual Accomplishments versus Performance Expectation</i></p> <p>Section 3, General Requirement 1 and Standard. A project plan for stabilizing 244-AR Vault was provided to ORP in a letter dated March 24, 2000, CHG-0001491, RMIS Accession D8252345, meeting the specific completion criteria and expectations set forth in this Performance Incentive.</p> <p>Section 3, General Requirement 2: Final cost and schedule variances, measured at the combined Project Baseline Summary level, will be provided separately at the end of FY 2000 to meet General Requirement 2: Not incur any unfavorable cost variance [(BCWP-ACWP)/BCWP] less than -5.0 percent, or incur any unfavorable schedule variance [(BCWP-BCWS)/BCWS] less than -7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.</p> <p>Section 4, Define Completion, Standard: "The project plan shall:</p> <ol style="list-style-type: none"> <li>(1) Address the six items listed in TPA Milestone M-45-11A."                         <ul style="list-style-type: none"> <li>- Section 2, pages 2-17 through 2-21, of the project plan addresses the six items listed in TPA Milestone M-45-11A.</li> </ul> </li> <li>(2) "Describe the scope of work necessary to stabilize the vault(s) until the facility(s) may be turned over for final disposition and closure."                         <ul style="list-style-type: none"> <li>- Section 2 of the project plan addresses the scope of work necessary to stabilize the vault until the facility may be turned over for final disposition and closure.</li> </ul> </li> <li>(3) "Provide a cost estimate for performing the scope of work."                         <ul style="list-style-type: none"> <li>- The cost estimate for the project is found in Section 6.5 of the project plan.</li> </ul> </li> <li>(4) "Provide a schedule for completing the work."                         <ul style="list-style-type: none"> <li>- The schedule for the project is found in Section 6.4 of the project plan.</li> </ul> </li> </ol>
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### Section IV. EARNINGS CALCULATION

<p><i>Based on the Results stated above, calculate the fee earned using the Earning Schedule from the Performance Incentive.</i></p> <p>70% of \$250,000.00 equals \$175,000.00</p>
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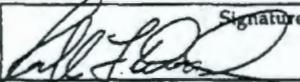
**Section V. DODCUMENTATION**

List and attach the Completion Documents identified in the Performance Incentive Section IV.

**Completion Documents List:**

The Project Plan, "244-AR Vault Interim Stabilization Project Plan," RPP-5635, Rev. 0, dated March 24, 2000, was provided to ORP on March 24, 2000, via letter, CHG-0001491, RMIS Accession D8252345.

**Section VI. CHG REPRESENTATIVE**

Name & Telephone R. F. Wood, Manager, Contracts Administration, CHG 373-4185	Signature 	Date Signed 3/30/00
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**Section VII. OFFICE OF RIVER PROTECTION TECHNICAL REVIEW**

I have personally validated that: all work was completed as stated, attachments to this report provide adequate completion Documentation and the fee calculations are correct.

I have found that all work was not completed as stated, documentation is inadequate, or the fee calculations are incorrect. The attached correspondence, letter \_\_\_\_\_, provides justification for this conclusion and recommends further actions, if any.

Name & Title of ORP Technical Review	Signature	Date Signed
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**Section VIII. CO PAYMENT RECOMMENDATION**

By signing below, the ORP Contract Officer authorizes payment of this Performance Expectation Completion Notice.

Name & Title of ORP CO	Signature	Date Signed
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CHG-0001767

Attachment 2

FISCAL YEAR 2000 PERFORMANCE INCENTIVE, ORP3.3.1, REV. 1

Consisting of 3 pages,  
including cover page

## FY 2000 PERFORMANCE INCENTIVE

### SECTION 1

#### General Information

Descriptive Short Title: Vault Stabilization  
 Project Baseline Summary (PBS): TW03  
 Maximum Available Incentive Fee: \$250,000  
 Type: X Standard X Stretch

### SECTION 2

#### Technical Contacts

ORP Point of Contact: Ami Sidpara  
 Contractor Point of Contact: Dale Allen

### SECTION 3

#### Performance Expectations and Earning Schedule

**GENERAL REQUIREMENTS:** In order to earn incentive fee under this Performance Incentive, the Contractor shall:

1. Meet the specific completion criteria and expectations set forth in this Performance Incentive; and
2. Not incur any unfavorable cost variance  $[(BCWP-ACWP)/BCWP]$  less than -5.0 percent, or incur any unfavorable schedule variance  $[(BCWP-BCWS)/BCWS]$  less than -7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.

**STANDARD (70%)**

Provide a project plan (by March 30, 2000) for stabilizing 244-AR Vault.

**STRETCH (30%)**

Provide a project plan for stabilizing 244-CR Vault by April 28, 2000. The standard expectation must be met to earn this fee.

**NEGATIVE (70%)**

Fail to provide a project plan (by April 28, 2000) for stabilizing 244-AR Vault.

### SECTION 4

#### Performance Requirements

**DEFINE COMPLETION:** (Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)

The project plan shall:

- (1) Address the six items listed in TPA Milestone M-45-11A.
- (2) Describe the scope of work necessary to stabilize the vault(s) until the facility(s) may be turned over for final disposition and closure.
- (3) Provide a cost estimate for performing the scope of work.
- (4) Provide a schedule for completing the work.

**DEFINITIONS:** (define terms)

**COMPLETION DOCUMENTS LIST:** (Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)

The Project Plan

**FY 2000 PERFORMANCE INCENTIVE**

**ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS:** *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

**SECTION 5**  
**Signatures**

Am. B. Sidbare  
Manager, ORP/Date

Joe All 3-24-00  
President and General Manager, CHG/Date

[Signature] 3/24/00  
ORP Contracting Officer/Date

[Signature] 3-24-00  
CHG Contract Representative/Date



**CH2MHILL**  
Hanford Group Inc.

CH2M HILL  
Hanford Group, Inc.  
P.O. Box 1500  
Richland, WA 99352

CHG-0001491

March 27, 2000

Mr. J. J. Short, Contracting Officer  
Office of Procurement Services  
U.S. Department of Energy  
Office of River Protection  
Post Office Box 450  
Richland, Washington 99352-0450

Dear Mr. Short:

CONTRACT NUMBER DE-AC06-99RL14047 - COMPLETION OF RIVER PROTECTION PROJECT FISCAL YEAR 2000 PERFORMANCE INCENTIVE NUMBER ORP3.3.1, "VAULT STABILIZATION," SECTION 3, STANDARD, AND SECTION 4.

- References:
- 1 Letter, G. H. Sanders, U. S. Department of Energy, Richland Operations, to M. Wilson, State of Washington Department of Ecology, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Change Control Form M-45-99-02 Addressing New Interim Milestones for Stabilization of the 244-AR Vault," 00-ORL-008, dated November 8, 1999.
  - 2 Letter, A. Valero, State of Washington Department of Ecology, to G. H. Sanders, U. S. Department of Energy, Richland Operations, "244-AR Vault System Change Control Request to Delete Tri-Party Agreement (TPA) Milestones M-32-06 and M-32-06-T01," D199154337, dated August 19, 1999.

The purpose of this letter is to provide completion of Office of River Protection Performance Incentive 3.3.1, Section 3, Standard (70%), "Provide a project plan (by March 30, 2000) for stabilizing 244-AR Vault." The project plan, "244-AR Vault Interim Stabilization Project Plan," RPP-5635, Rev. 0, dated March 24, 2000 is attached.

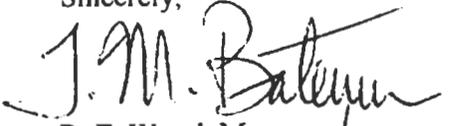
**RECEIVED**  
MAR 27 2000  
DOE-ORP/ORPCC

Section 4, Define Completion, requires that "The project plan shall:

- (1) Address the seven items listed in the letter from A. Valero, WDOE to G. H. Sanders, RL, "Re: 244-AR Vault System Change Control Request to Delete Tri-Party Agreement (TPA) Milestones M-32-06 and M-32-06-T01", dated August 19, 1999."
  - In November, 1999, TPA Milestones M-32-06 and M-32-06-T01 were deleted. Milestone M-45-11, "Complete 244-AR Vault Interim Stabilization," was established. Milestone M-45-11A contains endpoint criteria for stabilization of the vault.
  - Section 2 of the project plan addresses the criterion.
- (2) "Describe the scope of work necessary to stabilize the vault(s) until the facility(s) may be turned over for final disposition and closure."
  - Section 2 of the project plan addresses the scope of work necessary to stabilize the vault until the facility may be turned over for final disposition and closure.
- (3) "Provide a cost estimate for performing the scope of work."
  - The cost estimate for the project is found in Section 6.5 of the project plan.
- (4) "Provide a schedule for completing the work."
  - The schedule for the project is found in Section 6.4 of the project plan.

If you have any questions please contact Mr. C. E. Shipler on 372-2644.

Sincerely,

  
R. F. Wood, Manager  
Contracts Administration  
CH2M HILL Hanford Group, Inc.

ath

Attachment

CHG-0001491  
Attachment

**244-AR VAULT INTERIM STABILIZATION PLAN**

Consisting of 103 Pages  
Including the cover page