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Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

03-RCA-0183

MAR 20 2003

Mr. Nicholas Ceto
Hanford Project Manager
U.S. Environmental Protection Agency
712 Swift Boulevard, Suite 5
Richland, Washington 99352

RECEIVED
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EDMC

Dear Mr. Ceto:

NOTICE OF COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND
CONSENT ORDER (TRI-PARTY AGREEMENT) TARGET MILESTONE M-34-12-T01,
"COMPLETE CONSTRUCTION OF K EAST BASIN SLUDGE AND WATER SYSTEM TO
SUPPORT SPENT NUCLEAR FUEL REMOVAL"

This letter serves as formal notification that the Tri-Party Agreement Interim Milestone M-34-12-T01 was completed on March 4, 2003. The target milestone required RL to construct, install and complete all construction acceptance tests for the K East Basin Sludge and Water System with either no exceptions or minor exceptions that do not affect the functionality of the system by September 30, 2002. Enclosed is a copy of the signed Construction Completion Document verifying that the milestone has been met.

If you have any questions, please contact Ellen Dagan, of my staff, on (509) 376-3811.

Sincerely,

Joel Hebdon, Director
Regulatory Compliance and Analysis Division

RCA:EBD

Enclosure

cc: See page 2

CONSTRUCTION COMPLETION DOCUMENT ORIGINAL

RL Project Title:

SPENT NUCLEAR FUELS / SLUDGE WATER SYSTEM A.16

HQ Project No.:	RL Project No.:	FH Assigned Performer (e.g., Major Subcontractor):
	A.16	FLUOR HANFORD

- Total Formal Construction Project
- Partial Formal Construction Project (e.g., system) *1-20-03 per R. Adkins*
- Minor Construction Activity (Note: This form is optional for Minor Construction Activity)

Section Ia - Completion of Construction and Construction Acceptance Testing

(Signature in Section Ia documents Completion of Physical Construction.)

Describe the Formal Construction Project, Partial Project (e.g., system), or Minor Construction Activity being documented as physical construction complete:

The Sludge Water System (SWS) will provide the design, fabrication, installation, testing, and turnover of a system that will retrieve sludge from the 105-KE Basin and place it in a Large Diameter Container (LDC). The LDC is contained in a shielded shipping cask on a specially designed trailer for transport to cells in T Plant for interim storage. The Sludge Retrieval system (SRS) portion of SWS includes the sludge retrieval vacuum heads with booster pumps, sludge retrieval pumps, sludge strainer assemblies, piping systems, pipe shielding, helium purge system, programmable logic controller with a human/machine interface and the LDC.

The Sludge Transport System (STS) portion of SWS includes the transportation trailer and the shielded transportation cask containing the LDC.

Electrical upgrades have been made to support the operation of the new pumps, motor operated valves, flow indicators, and computers/cameras.

Miscellaneous hand tools have been provided to aid in the removal of sludge from the basins.

- No Exception List Exception List Attached

FH Assigned Performer Signature (e.g., Major Subcontractor) <i>R. Adkins</i> <i>NA 2/7/03</i>	Date <i>01-16-03</i>	Acceptance Inspection (AI)* Signature <i>John E. Adkins</i>	Date <i>1-20-03</i>
DOE-RL Signature (Only Required for Total Formal Construction Project) <i>Stacy Charbonneau</i> <i>2/11/03</i>		Date <i>1-16-03</i>	

Section Ib - Completion of Exceptions

(Signatures in Section Ib document that exceptions identified in Section Ia have been completed and/or funds have been accrued to complete remaining minor exceptions and remaining project financial obligations.)

- All exceptions resolved Funds accrued for remaining exceptions (list attached)

FH Assigned Performer Signature (e.g., Major Subcontractor) <i>R. Adkins</i>	Date <i>3/4/03</i>	Acceptance Inspection (AI)* Signature <i>John E. Adkins</i>	Date <i>3-4-03</i>
DOE-RL Signature (Only Required for Total Formal Construction Project) <i>Stacy Charbonneau</i> <i>3/4/03</i>		Date <i>3/4/03</i>	

Section IIa - Completion of Operational Testing and Approval of Test Results

(Signatures in Section IIa document Engineering approval of Operational Test results, and Operations acceptance of the completed system/project.)

- No Exception List (Section IIb NOT required) Exception List Attached

FH Assigned Performer (e.g., MSC) - Engineering Signature <i>R. Adkins</i>	Date <i>3/4/03</i>	Acceptance Inspection (AI)* Signature <i>John E. Adkins</i>	Date <i>3-4-03</i>
FH Assigned Performer (e.g., MSC) - Operations Signature <i>MR</i>		DOE-RL Signature (Only Required for Total Formal Construction Project) <i>Stacy Charbonneau</i> <i>3/4/03</i>	

Section IIb - Completion of Exceptions

(Signatures in Section IIb document that exceptions identified in Section IIa have been completed.)

FH Assigned Performer Signature (e.g., Major Subcontractor)	Date	Acceptance Inspection (AI)* Signature	Date
DOE-RL Signature (Only Required for Total Formal Construction Project)		Date	

List of Exceptions (Attachment to CCD)

ORIGINAL

03/05/2003 WED 16:44 FAX 509 372 3836

Acceptance Inspection

003

RL PROJECT NO.		PROJECT TITLE				Page 1 of 2		
A.16		Sludge Water System						
ITEM NO.	DESCRIPTION OF EXCEPTION	FORECAST COMPLETE DATE	RESP. ORG	ACTION TAKEN	ITEM ACCEPTED/RESOLVED			
					NAME (PRINT)	ORG	SIGNED INITIALS	DATE
1	Close out JCS W.P. 1K-02-0430		FH	Complete	R.DyKEMAN	AI	RD	2/7/03
2	Close out JCS W.P. 1K-02-1121						RD	2/7/03
3	Close out JCS W.P. 1K-02-1123						RD	2/7/03
4	Close out JCS W.P. 1K-02-1124						RD	2/7/03
5	Close out JCS W.P. 1K-02-1125						RD	2/7/03
6	Close out JCS W.P. 1K-02-1127						RD	2/7/03
7	Close out JCS W.P. 1K-02-1537						RD	2/7/03
8	Close out CWP SNF-A.16-01		FH	Complete	R.DyKEMAN	AI	RD	3/4/03
9	Close out CWP SNF-A.16-02		FH	Complete	R.DyKEMAN	AI	RD	3-4-03
10	Close out CWP SNF-A.16-03		FH	"	R.DyKEMAN	AI	RD	3/4/03
11	Close out CWP SNF-A.16-04		FH					
12	Complete SNF-A.16-CAT-002		FH	Complete	R.DyKEMAN	AI	RD	1-29-03
13	Complete SNF-A.16-CAT-003		FH	"	"	AI	RD	1-29-03
14	Complete SNF-A.16-CAT-004		FH	"	"	AI	RD	2-24-03
15	Calibrate PT's							
16	Insulate overhead DW & IXM pipe lines		FH	Complete	R.DyKEMAN	AI	RD	3-3-03
17	Install platforms at IR #1, #2, #3		FH	Complete	R.DyKEMAN	AI	RD	1-29-03
18	As-built Essential Drawings							
19	As-built Support Drawings							
20	Complete permanent labeling		FH	Complete	R.DyKEMAN	AI	RD	3-4-03
21	Resolve NEC Report #6842							
22	Complete Submittals/CVI Data							
23	Complete ATP/OTP							
24	Complete ALL FMP's							

1000 R W 114-002 11-00

Mr. Nicholas Ceto
03-RCA-0183

-2-

MAR 20 2003

cc w/encl:

N. C. Boyter, FHI
L. D. Crass, FHI
L. Gadbois, EPA
R. Gay, CTUIR
J. S. Hertzell, FHI
R. Jim, YN
T. M. Martin, HAB
E. J. Murphy-Fitch, FHI
K. Niles, Oregon Energy
R. E. Piipo, FHI
T. J. Ruane, FHI
P. Sobotta, NPT
R. F. Stanley, Ecology
A. M. Umek, FHI
D. J. Watson, FHI
M. A. Wilson, Ecology
100-KR-2 Administrative Record