

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1	OF 24	PAGES
2. AMENDMENT/MODIFICATION NO. 369		3. EFFECTIVE DATE (M/D/Y) See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352		CODE	7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) Bechtel National, Inc. 2435 Stevens Center Place Richland, WA 99354		<input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.		
CODE 396A5		<input type="checkbox"/>	9B. DATED (SEE ITEM 11)		
FACILITY CODE 153392068		<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC27-01RV14136		
			10B. DATED (SEE ITEM 13) December 11, 2000		
11. THIS ITEM APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE DATE AND HOUR SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and amendment and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS SET FORTH IN ITEM 14.					
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).				
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF: Clause 1.82, FAR 52.243-2 Changes - Cost Reimbursement (AUG 1987) - Alternate III (APR 1984)				
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 2 copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) See following page(s) Period of Performance: 12/11/2000 to 8/15/2019					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) Margaret G. McCullough Project Director			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Katie A. Mair Contracting Officer		
15B. CONTRACTOR/OFFEROR Margaret G. McCullough (Signature of person authorized to sign)	15C. DATE SIGNED 5/11/16	16B. UNITED STATES OF AMERICA BY Katie Mair (Signature of Contracting Officer)	16C. DATE SIGNED 5/12/16		

Purpose of Modification:

The purpose of this modification is to make the following changes:

1. Section B, Supplies or Services and Prices/Costs, is updated to make the following change:
 - a. On March 17, 2016 (ORP letter 16-CPM-0040), the Fee-Determining Official (FDO) determined that the Contractor earned B.1 Award Fee – Project Management Incentive fee of \$5,685,000, and B.2 Award Fee – Cost Incentive of \$2,625,000, for a total of \$8,310,000 earned in the 2015 award fee evaluation period. Contract Section B, *Supplies or Services and Prices/Costs*, is hereby revised to incorporate the 2015 award fee determination.
2. Section C, Statement of Work, is revised as follows:
 - a. C.5 – Description of Contract Requirements and Deliverables, Table C.5-1.1, Deliverables, is revised as follows:
 - i. Revise Item No. 4.7 – As-built Program Description, to change the Contract Due Date to read “June 2009 with updates as required”.
 - ii. Revise Item No. C.9.1, Interface Control Documents, to update Action Required from “J” to “A/J”.
 - b. Standard 5: Commissioning, Table C.6-5.1 Cold Commissioning Capacity Testing Criteria table is revised to remove the reference for LAW Vitrification, in the Treatment Capacity column, to modification 350. The modification reference is causing confusion as to what the number means.
 - c. Standard 5: Commissioning, Table C.6-5.2 Hot Commissioning Capacity Testing Criteria table is revised to remove the reference for LAW Vitrification, in the Treatment Capacity column, to modification 350. The modification reference is causing confusion as to what the number means.
3. Section I, Contract Clauses, is updated as follows:
 - a. Contract Clause I.29B, FAR 52.222-2 Payment for Overtime Premium (JUL 1990), paragraph (a) is updated to add the FY 2016 estimated premium overtime value of \$5.86M.
4. Section J, List of Attachments, is revised as follows:

- a. Attachment E(b) List of Applicable Directives is revised to update DOE O 420.1B, CRD Chapter V to "DOE O 420.1C, CRD, Chg 1, Chapter V", to be implemented for LBL Commissioning in accordance with CCN 276975.
- b. Attachment F - Key Personnel is revised as follows:
 - i. Change the Manager of Design, Operations and Integration from "E. F. Sproat" to "Alan Dobson".
 - ii. Change the WTP Project Manager of Environmental, Safety & Health from "Richard Nugent" to "Phillip Worley".
- c. Attachment Q – DFLAW Design Completion Criteria Incentive Definitions, DF-03 Interim Milestone Definition Sheet table is revised to correct a typo from "DLFAW" to "DFLAW".
- d. Attachment P – Delete Activity Milestone Definition Sheets for LAW-01, LAB-03, and BOF-03. Modification 353 transferred these milestones from the To-Be-Completed Milestones table to the Completed Milestones table, but did not remove the definition sheets for these completed milestones from Attachment P.

These changes are performed under the authority provided by Contract Clause I.82, FAR 52.243-2 *Changes – Cost Reimbursement (AUG 1987) – Alternate III (APR 1984)* at no additional cost to the Government.

Description of Modification:

1. Section B, Supplies or Services and Prices/Costs, is updated to make the following change:
 - a. On March 17, 2016 (ORP letter 16-CPM-0040), the Fee-Determining Official (FDO) determined that the Contractor earned B.1 Award Fee – Project Management Incentive fee of \$5,685,000, and B.2 Award Fee – Cost Incentive of \$2,625,000, for a total of \$8,310,000 earned in the 2015 award fee evaluation period. Contract Section B, *Supplies or Services and Prices/Costs*, is hereby revised to incorporate the 2015 award fee determination as follows:
 - i. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Clause B.2, *Obligation and Availability of Funds and Contract Value*, paragraph (c) is deleted in its entirety and replaced in full as follows:

Cost:

A	Total Estimated Contract Cost (TECC) through Mod 368	\$10,854,733,790
B	Total Estimated Contract Cost (350)	

B.1 CLIN 2: DFLAW Facility Modifications (350) TBD

SUB-CLIN 2.1: DFLAW Design (Target Cost) \$75,000,000 \$42,568,556 *

Revised Total Estimated Contract Cost through Mod 368 \$10,897,302,348

Fee:

A	Final Fee Determination – Pre-Mod No. A143		\$102,622,325
B	Maximum Available Award Fee (See Table B-2-B-1)		\$105,676,215
B.1	Project Management Incentive	\$63,630,997	
B.2	Cost Incentive	\$36,647,560	
B.3	REA Settlement	\$5,397,658	
C	Schedule Incentive Fee		\$227,000,000
C.1	Activity Milestone Completion	\$173,000,000	
C.2	Facility Milestone Completion	\$54,000,000	
D	Operational Incentive Fee		\$91,000,000
D.1	Cold Commissioning	\$45,000,000	
D.2	Hot Commissioning	\$46,000,000	
E	Enhancement Incentive Fee		\$60,000,000
E.1	Enhanced Plant Capacity	\$15,000,000	
E.2	Sodium Reduction	\$15,000,000	
E.3	Enhanced Plant Turnover	\$15,000,000	
E.4	Sustained Production Achievement	\$15,000,000	
F	Performance-Based Incentive for DFLAW Design Completion (350)		\$9,000,000

Total Maximum Available Fee (346) (350) (369) \$595,298,540
Total Estimated Contract Price (TECP) (369) \$11,491,262,873

- ii. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Clause B.12, *Attachments*, Attachment B-1, *Incentive Fee Summary Table*, is deleted in its entirety and replaced in full as follows:

ATTACHMENT B-1 INCENTIVE FEE SUMMARY TABLE

Table B-1 - WTP Incentive Fee Structure			
	Description	Reference	Amount
A	Final Fee Determination Prior to Modification No. A143	Attachment B-2-A	\$102,622,325
B	Maximum Available Award Fee:		
B.1	Project Management Incentive	Attachment B-2-B	\$63,630,997
B.2	Cost Incentive	Attachment B-2-B	36,647,560
	*See Table B-2-B-1		
B.3	REA Settlement Fee	Attachment B-3	\$5,397,658
	Total Award Fee:		\$105,676,215
C	Schedule Incentive Fee:		
C.1.X	Activity Milestone Completion	Attachment B-2-C	\$173,000,000
C.2	Facility Milestones Completion		
	C.2.1 LAB Construction Substantially Complete	Attachment B-2-C	\$4,000,000
	C.2.2 LAW Construction Substantially Complete	Attachment B-2-C	\$4,000,000
	C.2.3 LBL Start Cold Commissioning (SCC)	Attachment B-2-C	\$4,000,000

C.2.4	LBL Complete Hot Commissioning (CHC)	Attachment B-2-C	\$4,000,000
C.2.5	HLW Start Cold Commissioning	Attachment B-2-C	\$9,500,000
C.2.6	PT Start Cold Commissioning	Attachment B-2-C	\$9,500,000
C.2.7	HLW Complete Hot Commissioning	Attachment B-2-C	\$9,500,000
C.2.8	PT Complete Hot Commissioning	Attachment B-2-C	\$9,500,000
	Total - Facility Schedule Incentive		\$54,000,000
	Total Schedule Incentive Fee		\$227,000,000
D	Operational Incentive Fee:		
D.1	Cold Commissioning:		
D.1.1	PT High Level Waste	Attachment B-2-D	\$10,000,000
D.1.2	PT Low Level Waste	Attachment B-2-D	\$10,000,000
D.1.3	HLW Vitrification	Attachment B-2-D	\$13,000,000
D.1.4	LAW Vitrification	Attachment B-2-D	\$12,000,000
	Subtotal - Cold Commissioning		\$45,000,000
D.2	Hot Commissioning:		
D.2.1	PT High Level Waste	Attachment B-2-D	\$10,000,000
D.2.2	PT Low Level Waste	Attachment B-2-D	\$10,000,000
D.2.3	HLW Vitrification	Attachment B-2-D	\$13,000,000
D.2.4	LAW Vitrification	Attachment B-2-D	\$13,000,000
	Subtotal - Hot Commissioning		\$46,000,000
	Total Operational Incentive Fee		\$91,000,000
E	Enhancement Incentive Fee:		
E.1	Enhanced Plant Capacity	Attachment B-2-D	\$15,000,000
E.2	Sodium Reduction	Attachment B-2-D	\$15,000,000
E.3	Enhanced Plant Turnover	Attachment B-2-D	\$15,000,000
E.4	Sustained Production Achievement	Attachment B-2-D	\$15,000,000
	Total Enhancement Incentive Fee		\$60,000,000
F	DFLAW Design Completion Incentive Fee (350)	Attachment B-2-F	\$9,000,000
TOTAL MAXIMUM AVAILABLE FEE (A+B+C+D+E+F) (369)			\$595,298,540

*Reflects Unearnable Award Fee

iii. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Clause B.12, *Attachments*, Attachment B-2, *Incentive Fee Details*, Sub-Attachment B-2-B, *Incentive Fee B*, *Maximum Available Award Fee*, Table B-2-B-1, *Incentive Fee B*, *Maximum Available Award Fee*, is deleted in its entirety and replaced in full as follows:

Table B-2-B-1. Incentive Fee B - Maximum Available Award Fee

Cal. Year (CY)	Award Fee Period	B.1 Award Fee - Project Mgmt Incentive		B.2 Award Fee - Cost Incentive		Total Award Fee		
		Available	Earned*	Available	Earned*	Available	Earned	Unearnable
2009	2009-A	\$2,188,838	\$1,584,719	\$4,500,000	\$2,925,000	\$6,688,838	\$4,509,719	\$2,179,119
	2009-B	\$2,188,837	\$1,349,418	\$4,500,000	\$2,250,000	\$6,688,837	\$3,599,418	\$3,089,419
2010	2010-A	\$2,000,000	\$1,379,000	\$4,300,000	\$2,580,000	\$6,300,000	\$3,959,000	\$2,341,000
	2010-B	\$2,000,000	\$1,521,600	\$4,300,000	\$2,623,000	\$6,300,000	\$4,144,600	\$2,155,400

2011	2011-A	\$2,000,000	\$1,348,000	\$4,300,000	\$2,795,000	\$6,300,000	\$4,143,000	\$2,157,000
	2011-B	\$2,000,000	\$1,426,000	\$4,300,000	\$2,451,000	\$6,300,000	\$3,877,000	\$2,423,000
2012	2012-A	\$3,150,000	\$1,571,850	\$3,150,000	\$1,549,800	\$6,300,000	\$3,121,650	\$3,178,350
	2012-B	Waived	at the	request	of the	Contractor		
2013	2013-A	\$3,780,000	\$1,869,210	\$2,520,000	\$1,254,960	\$6,300,000	\$3,124,170	\$3,175,830
	2013-B	\$5,300,000*	\$2,745,000	\$1,000,000*	\$280,000	\$6,300,000	\$3,025,000	\$3,275,000
2014	2014-A	\$5,300,000*	\$3,580,000	\$1,000,000*	\$390,000	\$6,300,000	\$3,970,000	\$2,330,000
	2014-B	\$3,780,000 **	\$2,671,200	\$2,520,000 **	\$1,423,800	\$6,300,000	\$4,095,000	\$2,205,000
2015	2015	\$9,100,000***	\$5,685,000	\$3,500,000***	\$2,625,000	\$12,600,000	\$8,310,000	\$4,290,000
2016	2016	\$9,600,000***	TBD	\$3,000,000*** (366)	TBD	\$12,600,000	TBD	
2017	2017	\$9,100,000	TBD	\$3,500,000	TBD	\$12,600,000	TBD	
2018	2018	\$9,100,000	TBD	\$3,500,000	TBD	\$12,600,000	TBD	
2019	2019	\$9,100,000	TBD	\$3,500,000	TBD	\$12,600,000	TBD	
Totals		\$79,687,675	\$26,730,997	\$53,390,000	\$23,147,560	\$133,077,675	\$49,878,557	\$32,799,118

*For the 2013-B and 2014-A PEMP award fee periods, the available award fee allocated to Award Fee Objectives 1, 2, and 3 is considered B.1 Award Fee – Project Management Incentive; and the available award fee allocated to Award Fee Objective 4 is considered B.2 Award Fee – Cost Incentive.

**For the 2014-B PEMP award fee period, the available award fee allocated to Award Fee Objectives 1, 2, and 3 is considered B.1 Award Fee – Project Management Incentive; and the available award fee allocated to Award Fee Objectives 4 and 5 is considered B.2 Award Fee – Cost Incentive. (331)

***For the 2015 and 2016 PEMP award fee periods, the available award fee allocated to Award Fee Objectives 2, 3, 4, 5, and 6 is considered B.1 Award Fee – Project Management Incentive; and the available award fee allocated to Award Fee Objective 1 is considered B.2 Award Fee – Cost Incentive. (346)(366)

2. Section C, Statement of Work, is revised as follows:
 - a. C.5 – Description of Contract Requirements and Deliverables, Table C.5-1.1, Deliverables, is revised as follows:
 - i. Revise Item No. 4.7 – As-built Program Description, to change the Contract Due Date to read “June 2009 with updates as required”.
 - ii. Revise Item No. C.9.1, Interface Control Documents, to update Action Required from “J” to “A/J”.

Table C.5-1.1, Deliverables, is revised as follows:

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
C5.1	Select a Commissioning Contractor	Section C.5 [C.5(a)(4)]	A	D	COR (M131)	4/15/2001
1.1	Plan for Transition	Section C.5 [C.5(a)(1)]	A	D	COR (M131)	2/15/2001
1.2	Project Execution Plan	Standard 1 [Std. 1 (b)(2)]	A	D	COR (M131)	12/15/2006 with updates as required
1.3	Earned Value Management System Description	Standard 1 [Std. 1 (a) & (b)(3)]	A	D	COR (M131)	4/15/2001 with updates as required
1.4	Interface Management Plan	Standard 1 [Std. 1 (b)(1) and C.9(b)]	A	D	COR (M131)	6/29/2001 with updates as required
1.5	WTP Project Baseline	Standard 1 [Std. 1 (d)(3)]	A	D	COR (M131)	4/15/2001 with updates as required
1.6	Baseline Risk Plan	Standard 1 [Std.1 (c)(1)]	A	D	COR (M131)	7/1/2001 with annual updates as required
1.7	Monthly Status Report	Standard 1 [Std. 1 (c)(4), (a)(2)(i)(d) & (d)(1), Std 3 (g)(3), and Std 4 (f)(2)]	I	D	COR (M131)	First Wednesday of the second month
1.8	Occurrence Reporting	Standard 1 [Std. 1 (d)(5)] (M147)	A	D	COR (M131)	as required
1.9	ES&H Reporting	Standard 1 [Std. 1 (d)(6)] (M147)	A	D	COR (M131)	as required
1.10	Contract Performance Report	Standard 1 [Std. 1 (d)(2)]	I	D	COR (M131)	Last Wednesday of each month (M147)
1.11	Change Control Program Procedure	Standard 1 [Std. 1 (a) & (a)(4)]	A	D	COR (M131)	05/15/03 with updates as required Delivery 30 days after contract modification - implementation 60 days after Approval
1.12	Electronic Data	Standard 1 (d)(3) & (4)	I	D	COR (M131)	Last Wednesday of each month (M147)

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
2.1	Updated Research and Technology Program Plan	Standard 2 [Std. 2 (a)(1)(ii) & C.7 Table C.7-1.1 Note 1]	A	D	COR (M131)	4/15/2001 with annual updates through 2004 and with updates as needed from 6/30/2008 through the initiation of cold commissioning
2.2	R&T Test Plans	Standard 2 [Std. 2 (a)(2)(i) & (a)(3)(ix)]	I	D	COR (M131)	as required
2.3	R&T Test Reports	Standard 2 [Std. 2 (a)(2)(ii) & (a)(3)(ix)]	C	D	COR (M131)	as required
2.4	Regulatory Data Quality Objective (DQO)	Standard 2 [Std. 2 (a)(3)(i)(D)]	A	D	COR (M131)	TBD as negotiated
2.5	Operations Research Assessment	Standard 2 [Std. 2 (b)(1) & Std 3 (c)(6)(ii)(A)]	C	D	COR (M131)	12/19/2008, 6/19/2010, FEBRUARY of 2012, MAY of (310) 2014 and 2016 and after completion of Cold Commissioning and completion of Hot Commissioning (239)
2.6	WTP Tank Utilization Assessment	Standard 2 [Std. 2 (b)(2)]	C	D	COR (M131)	12/19/2008, 6/19/2010, FEBRUARY 2012, AUGUST 2014 (310), NOVEMBER 2016 (310), and after completion of Cold Commissioning and completion of Hot Commissioning (239)
2.7	DELETED (230)					
2.8	Technical Report on Oxidative Leaching	Standard 2 [Std. 2 (a)(3)(ix)]	C	D	COR (M131)	TBD
2.9	Test Report on Oxidative Leaching	Standard 2 [Std. 2 (a)(3)(ix); Std 5 (e)(3)(ii)]	C	D	COR (M131)	TBD

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
2.10	Proposed Process Steps for Sludge Treatment	Standard 2 [Std. 2 (a)(3)(iii) & C.7(d)(1)(vii)]	A	D	COR (M131)	one year before the start of cold commissioning for the Pretreatment Facility (255)
2.11	Proposed Deminimus Organic Concentration in Received Tank Waste	Standard 2 [Std. 2 (a)(3)(viii)]	A	D	COR (M131)	12/31/2012 (255)
3.1	Design Process	Standard 3 [Std. 3 (a)(2)]	I	D	COR (M131)	2/15/2001 1/15/2004
3.2	Functional Specification	Standard 3 [Std. 3 (b)(1)]	I	D	COR (M131)	8/20/2001 with updates as required
3.3 (a)	Basis of Design	Standard 3 [Std. 3 (b)(2) & C.7(b)(1)]	C (M171)	D	COR (M131)	8/20/2001 with updates as required
3.3 (b)	Design Criteria Database	Standard 3 [Std. 3 (b)(3)]	M	D	COR (M131)	30 days after issue of Basis of Design, with updates as required
3.3 (c)	Engineering, Procurement, and Construction Code of Record	Standard 3 [Std. 3 (b)(6)]	A for initial Deliverable, Revisions, Change Notices. C for Case-by-Case Exceptions	D	COR (363)	9/18/2015 with updates as required
3.4	Operations Requirements Document	Standard 3 [Std. 3 (b)(4)]	A for bolded document text and M for non-bolded document text	D	COR (M131)	8/20/2001
3.5	Master Equipment List	Standard 3 [Std. 3 (c)(6)(i)]	C	D	COR (M131)	Prior to ORR completion
3.6	Analytical Laboratory Design Requirements	Standard 3 [Std. 3 (c)(18) & C.7(a)(9)] (350)	A	D	COR (M131)	10/1/2001 and as required thereafter
3.7	Site Layout Drawings	Standard 3 [Std. 3 (c)(19)]	A	D	COR (M131)	4/15/2001 and as required thereafter
3.8	Optimization Studies	Standard 3 [Std. 3 (d)]	A	D	COR (M131)	3/15/2001

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
3.9	Spare Parts List	Standard 3 [Std. 3 (c)(6)(ii, iii, & iv)]	C	D	COR (M131)	Prior to Completion of the Operational Readiness Reviews (M196)
3.10	Deleted					
4.1	Construction, Procurement, and Acceptance Testing Plan	Standard 4 [Std. 4(a), (f)(3) & (i)]	A on initial Deliverable and I for any subsequent updates	D	COR (M131)	As required
4.2	Purchasing System	Standard 4 [Std. 4 (b)(2)]	A	D	COR (M131)	As required
4.3	Construction Bid and Work Packages	Standard 4 [Std. 4(c)]	I	D	COR (M131)	As required
4.4	Construction and Acceptance Testing Program	Standard 4 [Std. 4(f)(1)]	A	D	COR (M131)	Prior to start of construction
4.5	Construction Overview Meetings	Standard 4 [Std. 4(h)]	M	D	COR (M131)	Ongoing
4.6	Construction Emergency Response Plan	Standard 4 [Std. 4(j)]	I	D	COR (M131)	Prior to Start of Limited Construction
4.7	As-built Program Description	Standard 4 [Std. 4(f)(5)]	C	D	COR (M131)	June 2009 with updates as required (369)
5.1	Commissioning Plan	Standard 5 [Std. 5(c)]	A	D	COR (M131)	12 months prior to start of cold commissioning, as required thereafter
5.2	Deleted					
5.3	Waste Form Qualification Tests	Standard 5 [Std. 5 (e)(3)(i)]	P	D	COR (M131)	during cold commissioning
5.4	Cold Commissioning Capacity Tests	Standard 5 [Std. 5 (e)(3)(ii)]	A	D	COR (M131)	during cold commissioning
5.5	DELETED (A029)					
5.6	Resultant Products from Cold Commissioning	Standard 5 [Std. 5 (e)(1)]	P	D	COR (M131)	during cold commissioning
5.7	Environmental Performance Test	Standard 5 [Std. 5 (e)(3)(v)]	A	D	COR (M131)	during cold commissioning
5.8	Cold Commissioning Results	Standard 5 [Std. 5 (e)(5)]	A	D	COR (M131)	prior to hot commissioning

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
5.9	Certification of Completion of Cold Commissioning	Standard 5 [Std. 5 (e)(6)]	A	D	COR (M131)	when complete
5.10	Certification of Readiness for Hot Commissioning Start	Standard 5 [Std. 5 (g)(1)]	A	D	COR (M131)	prior to hot commissioning
5.11	Certification of Hot Commissioning Start	Standard 5 [Std. 5 (g)(3)]	A	D	COR (M131)	Upon receipt of Tank Farm waste feed
5.12	Hot Commissioning Capacity Tests	Standard 5 [Std. 5(g)(5)]	A	D	COR (M131)	during hot commissioning
5.13	Resultant Products from Hot Commissioning	Standard 5 [Std. 5 (g)(iii & iv)]	P	D	COR (M131)	during hot commissioning
5.14	Hot Commissioning Results and Documentation	Standard 5 [Std. 5 (g)(6)]	A	D	COR (M131)	upon completion of hot commissioning
5.15	Certification of Completion of Hot Commissioning	Standard 5 [Std. 5 (g)(7) & 5(m)(1, 3 & 4)] (350)	A	D	COR (M131)	when complete
5.16	Facility Turnover	Standard 5 [Std. 5(m)(7)]	A	D	COR (M131)	after successful commissioning
5.17	Deleted					
5.18	Cold Commissioning Simulant Definition	Standard 5 [Std. 5 (b) & Table C.6-5.1 Note 1.]	A	D	COR (M131)	24 months prior to the initiation of cold commissioning
5.19	WTP Facility Transition Plan	Standard 5 [Std. 5 (i); (j); & (m)(7)]	A	D	COR (M131)	12 months prior to the initiation of hot commissioning
5.20	Cold Commissioning Capacity Test Criteria	Standard 5 [Std. 5(e)(3)(ii) & Table C.6-5.1 Note 2]	A	D	COR (M131)	Prior to completion of Deliverable 5.8
5.21	Hot Commissioning Capacity Test Criteria	Standard 5 (Std. 5(g)(4) & Table C.6-5.2 Note 1))	A	D	COR (M131)	Prior to completion of Deliverable 5.14
5.22	WTP Operational Readiness Support Plan (Jointly submitted with Tank Farms Operating Contractor (TOC) as TOC deliverable C.2.3.2-1) (257)	Standard 5 [Std. 5 (f) (i)]	A	D	COR	9/30/2013 with annual updates thereafter (285)

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
6.1	Secondary Wastes Compliance Plan	Standard 6 [Std. 5 (e)(1)(i) & (e)(3)(i & ii), Std. 6(b), (c)(3 & 4), C.8 Spec. 9.2.2.5]	A	D	COR (M131)	2004, 2006, 2008, and as required thereafter
6.2	IHLW Waste Form Compliance Plan	Standard 6 [Std. 2 (a)(3)(vii)(B); Std 5 (e)(1)(i) & (e)(3)(i & ii); Std. 6 (b), (c)(2 & 4), C.7(d)(2)(i), C.8 (Spec. 1 (1.4) & Spec. 13 (13.3.2))]	A	D	COR (M131)	2004, 2005, 2007, 2009, and as required thereafter
6.3	ILAW Product Compliance Plan	Standard 6 [Std. 2 (a)(3)(v)(B), Std. 5 (e)(1)(i) & (e)(3)(i & ii); Std. 6(b) & (c)(1 & 4), C.7(d)(3)(i); C.8 Spec. 2, 2.2.2.11, & 2.4]	A	D	COR (M131)	2004, 2006, 2008, and as required thereafter
6.4	IHLW Product Qualification Report	Standard 6 [Std. 6 (c) (5) & (6)]	C/A	D	COR (M131)	Plan in 2004, report in 2008 and as required thereafter
6.5	Production Documentation for IHLW Product	Standard 6 [Std 6 (c)(9)]	A	D	COR (M131)	at time of production
6.6	ILAW Product Qualification Report	Standard 6 [Std. 6(c)(5) Spec. 2 (2.2.7.1)]	C/A	D	COR (M131)	Plan in 2004, report in 2007 and as required thereafter
6.7	Production Documentation for ILAW Product	Standard 6 [Std 6(c)(9); C.8 Spec. 2, 2.2.2.6.2 & 2.2.2.7.2]	C/A	D	COR (M131)	at time of production
6.8	Deleted					
6.9	Reserved					
6.10	Secondary Wastes Production Documentation	Standard 6 [Std. 6 (c)(9)]	C/A	D	COR (M131)	at time of production
6.11	Deleted					

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
7.0	Non-radiological Worker Safety and Health	Standard 7 [Std 7 (e)(1)]	R	D	COR (M131)	per Standard 7.a(1)
7.1	Deleted (M166)					
7.2	Quality Assurance	Standard 7 [Std 7 (e)(3); C.8 Spec 2, 2.3 and Spec 12, 12.3]	A/R	D	COR (M131)	4/15/2001
7.3	Environmental Plan	Standard 7 [Std 7 (e)(4) & (e)(4)(vi)(A)]	A	D	COR (M131)	3/15/2001 and as required thereafter
7.4	Deleted					
7.5	Dangerous Waste Permit Application	Standard 7 [Std 7 (e)(4)(vi)(B)]	A	D	COR (M131)	as required
7.6	Risk Assessment Work Plan	Standard 7 [Std 7 (e)(4)(vi)(C) & Std 5 (e)(3)(v)]	A	D	COR (M131)	as required
7.7	Notice(s) of Construction	Standard 7 [Std 7 (e)(4)(vi)(D)]	A	D	COR (M131)	150 days prior to submission to the regulators
7.8	Prevention of Significant Deterioration (PSD) Permit Application	Standard 7 [Std 7 (e)(4)(vi)(E)]	A	D	COR (M131)	150 days prior to submission to the regulators
7.9	Petition for Exemption or Exclusion for IHLW	Standard 7 [Std 6(c)(7), Std 7 (e)(4)(vi)(F)]	A	D	COR (M131)	06/2005
7.10	Petition for a New Treatment Standard	Standard 7 [Std 6 (c)(8), Std 7 (e)(4)(vi)(G)]	A	D	COR (M131)	08/2003
8.0	Safeguards and Security	Standard 8 [Table S8-1]	A	D	COR (M131)	see Table S8-1
9.1	Radiological, Nuclear and Process Safety (M166)	Standard 9 [Std 9]	R	D	COR (M131)	Various (303)
C.7-1	Procedure to Determine the Waste Feed Treatment Approach	C.7(d) (1)(vii) Spec. 12	A	D	COR (M131)	one year before the start of cold commissioning for the Pretreatment Facility (255)
C.8-1 (350)	Compositional and radionuclide limits for Envelope E	C.8 Spec 7 (7.2.2.1)	C	D	COR	TBD

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
C.9.1	Interface Control Documents	Section C.9	J A/J	D	COR (M131)	7/15/2001, 3/15/2002, and as required
H.1	Environmental Permits	Clause H.26 (d)(M152)	A	D	COR (M131)	ongoing
H.2	Litigation Management Plan	Clause H.33	A	D	COR (M131)	4/15/2001
H.3	Deleted					
H.4	Property Management System (M120)	Clause H.51	A	D	COR (M131)	10/1/2008, with annual updates thereafter

- b. Standard 5: Commissioning, Table C.6-5.1 Cold Commissioning Capacity Testing Criteria table is revised to remove the reference for LAW Vitrification, in the Treatment Capacity column, to modification 350. The modification reference is causing confusion as to what the number means.

Table C.6-5.1 is revised as follows:

Table C.6-5.1. Cold Commissioning Capacity Testing Criteria

Facility	Minimum Capacity	Treatment Capacity	Design Capacity
LAW Pretreatment	2244 MT Na per year	2620 MT Na per year	3740 MT Na per year
HLW Pretreatment	735 MT as-delivered solids per year	860 MT as-delivered solids per year	1225 MT as-delivered solids per year
LAW Vitrification	18 MT Glass per day	21 (360) MT Glass per day	30 MT Glass per day
HLW Vitrification	3.6 MT Glass per day	4.2 MT Glass per day	6.0 MT Glass per day

- c. Standard 5: Commissioning, Table C.6-5.2 Hot Commissioning Capacity Testing Criteria table is revised to remove the reference for LAW Vitrification, in the Treatment Capacity column, to modification 350. The modification reference is causing confusion as to what the number means.

Table C.6-5.2 is revised as follows:

Table C.6-5.2. Hot Commissioning Capacity Testing Criteria

Facility	Minimum Capacity	Treatment Capacity	Design Capacity
LAW Pretreatment	2244 MT Na per year	2620 MT Na per year	3740 MT Na per year
HLW Pretreatment	735 MT as-delivered solids per year	860 MT as-delivered solids per year	1225 MT as-delivered solids per year
LAW Vitrification	18 MT Glass per day	21 (369) MT Glass per day	30 MT Glass per day
HLW Vitrification	3.6 MT Glass per day	4.2 MT Glass per day	6.0 MT Glass per day

3. Section I, Contract Clauses, is updated as follows:

- a. Contract Clause I.29B, FAR 52.222-2 Payment for Overtime Premium (JUL 1990), paragraph (a) is updated to add the FY 2016 estimated premium overtime value of \$5.86M.

Clause I.29B (a) is revised as follows:

I.29B FAR 52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

- (a) The use of overtime is authorized under this contract if the overtime premium does not exceed *\$5.86M for FY16 (M321)~~(369)~~ or the overtime premium is paid for work—
 - (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
 - (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
 - (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
 - (4) That will result in lower overall costs to the Government.

4. Section J, List of Attachments, is revised as follows:

- a. Attachment E(b) List of Applicable Directives is revised to update DOE O 420.1B, CRD Chapter V to "DOE O 420.1C, CRD, Chg 1, Chapter V", to be implemented for LBL Commissioning in accordance with CCN 276975.

Attachment E(b) is revised as follows:

(b) Additional Directives applicable to this Contract. The directive(s) or applicable section(s) of the directive(s) are applied as specified in other Sections of this Contract.

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
06-AMD-050 (CCN 144548)		DELETED (310)	
DOE/RL-88-21	10/01/96 12/21/99	Double-Shell Tank Unit Permit Application	Contract Clause C.6, Standard 7(e)(4)(vi)(B) & Contract Clause C.8, Specification 7, 7.2.1.4 and 7.2.2.1; Specification 8, 8.2.1.4 and 8.2.2.1 (M175)
DOE/EM-0093	12/96	Waste Acceptance Product Specifications for Vitrified High Level Waste Forms (WAPS) Revision 2 (M114)	Contract Clause C.8, Specification 1, 1.2.1.4 and 1.2.2.1.1 (M175)
DOE/RL-94-02, Rev 6 (336)	06/2014 (336)	Hanford Emergency Management Plan (A197)(310) (Revision 6, June 2014) (336)	Contract Clause C.6, Standard 4(j) and Standard 7(e)(1) Table S7-1 (M175) (A197) (336)
DOE M 140.1-1B, CRD	03/30/01	Interface with Defense Nuclear Facilities Safety Board.	Contract Clause C.4 (d) (M175)
DOE O 142.3A, CRD	10/14/10	Unclassified Foreign Visits and Assignments Program. (M047) (M124) (204)	The order is effective regardless of comment above at (b) (M175)
DOE O 205.1A, CRD		DELETED (M194)	
DOE M 205.1-2		DELETED (M175)	
DOE M 205.1-5, CRD		DELETED (M194)	
DOE M 205.1-6, CRD		DELETED (M194)	
DOE M 205.1-7, CRD		DELETED (M194)	
DOE M 205.1-8, CRD		DELETED (M194)	
DOE O 206.1, CRD	01/16/09	DOE Privacy Program (235)	The order is effective regardless of comment

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
			above at (b). Contractor shall implement in accordance with CCN 231161 (321)
DOE O 206.2, CRD	02/19/13	Identity, Credential, and Access Management (307)	The order is effective regardless of comment above at (b) (307)
DOE O 210.2A, CRD	04/8/11	DOE Corporate Operating Experience Program (M077) (310)	Contract Clause H.49 (M175) Refer to Note 10 (310)
DOE O 221.1A, CRD	04/19/08	Reporting Fraud, Waste, and Abuse to the Office of Inspector General. (M133)	Refer to Note 3 (M175)
DOE O 221.2A, CRD	02/25/08	Cooperation with the Office of Inspector General. (M133)	Refer to Note 3 (M175)
DOE O 226.1B, CRD	04/25/11	Implementation of Department of Energy Oversight Policy (M069) (M108)(310)	Contract Clause H.46 (M175)Refer to Note 11 (310)
DOE O 231.1B, CRD (363)	6/27/2011	Environment, Safety, and Health Reporting (M033) (310)	Contract Clause C.6, Standard 1(d)(6) (M175) (310)
DOE M 231.1-1A, Change 2, CRD (332)		DELETED (332)	
DOE M 231.1-2, CRD		DELETED (256)	
SCRD M 231.1-2		DELETED (256)	
SCRD O 232.2 Admin. Change 1 (332)	8/30/11	Occurrence Reporting and Processing of Operations Information, Revision 1 (268)	Contract Clause C.6, Standard 1(d)(5) and (6). Contractor shall implement in accordance with CCN 269738 (332)
HFID 232-1B		DELETED (256)	
DOE N 234.1, CRD		DELETED (310)	
DOE O 241.1, CRD		DELETED (310)	
DOE/RW-	10/01/08	Quality Assurance	Contract Clause C.6,

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
0333P		Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 (M099) (M134)	Standard 2(a)(2)(v), Standard 5(d), and Standard 7(e)(3)(ii)(A) and Contract Clause C.8, Specification 1, 1.2.1.7, 1.2.2.1.1, and 1.3 (M175)
DOE O 350.1, Chg 3, CRD	02/23/10	Contractor Human Resource Management Program (M171) (M175)	Contract Clause H.37 (M175)
DOE/RW-0351	5/31/07	Waste Acceptance System Requirements Document (WASRD) - Revision 5 (M114)	Contract Clause C.6, Standard 2(a)(3)(vii)(E) and Standard 6(c)(2) and Contract Clause C.8, Specification 1, 1.2.1.3 and 1.2.2.1.1 (M175)
DOE O 413.3A, CRD		DELETED (271)	
DOE M 413.3-4		DELETED (271)	
DOE O 413.3B, CRD	11/29/10	Program and Project Management for the Acquisition of Capital Assets. Refer to Note 7 for implementation (271).	Contract Clause C.3, paragraph (b), subparagraph (1), item (ix), C.6, Standard 1, opening paragraph, (a), (b)(3) and (c)(1) and Standard 5(a)(6) and (k).
DOE O 414.1C, CRD	06/17/05	Quality Assurance (M066)	Contract Clause C.6, Standard 7(e)(3)(i) & (iv) (M175)
DOE 414.1D, CRD, Chg 1 (349)	05/08/13 (349)	Quality Assurance (349)	The order is effective regardless of comment above at (b) and implemented in accordance with Note 14. (349)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE O 420.1B, CRD Chapter V (363) DOE O 420.1C, CRD, Chg 1, Chapter V	12/22/05 02/27/15	Facility Safety (Partial Implementation Only Chapter V. Cognizant System Engineer Program) (369)	The order is effective regardless of comment above at (b). Implemented for LBL commissioning only in accordance with CCN 276975.
DOE O 422.1, CRD	06/29/10	Conduct of Operations (207)	The notice is effective regardless of comment above at (b). Contractor shall implement consistent with CCN 229138.
DOE O 425.1D, Chg 1, CRD	04/16/10	Verification of Readiness to Start Up or Restart Nuclear Facilities (M033) (A190)(310)	Contract Clause C.6, Standard 5(a)(5), (c)(6), (e)(2), (f)(ii), and (g) (M175) (310). Contractor shall implement in accordance with CCN 281821 (363)
DOE O 433.1B, CRD (363) Admin Chg 1 (342)	04/21/10 (342)	Maintenance Management Program for DOE Nuclear Facilities (342)	The order is effective regardless of comment above at (b) and implemented in accordance with Note 13. (342)
DOE O 435.1, Chg 1, CRD	08/28/01	Radioactive Waste Management.	Implementation of this DOE CRD using the graded approach; approved by 05-WED- 047; CCN 136281 satisfies the comment above at (b). (M130) (M175) (278)
DOE M 435.1-1	07/09/99	Radioactive Waste Management Manual	Contract Clause C.8, Specification 2, 2.2.1.13, 2.2.2.23, & 2.4 (M175)
DOE M 441.1-1, CRD	03/07/08	Nuclear Material Packaging	The manual is effective regardless of comment above at (b) (M130) (M175)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE O 442.2, CRD	07/29/11	Differing Opinions for Technical Issues Involving Environment, Safety, and Health (271)	The order is effective regardless of comment above at (b) and implemented as described in CCN 246747.
DOE O 442.1A & Supplemente d Rev. 3 CRD (332)	06/06/01	Department of Energy Employee Concerns Program (A029) (293)	The order is effective regardless of comment above at (b) (M175) and implemented as described in CCN 249676. (293) Contractor shall implement in accordance with CCN 266683. (332)
DOE M 442.1-1 CRD		DELETED (271)	
DOE M 450.4-1, CRD		DELETED (310)	
DOE M 470.4-1, CRD	08/26/05	Safeguards and Security Program Planning and Management (M136) (M171)	Refer to Note 1 (M175)
DOE M 470.4-2A, CRD		DELETED (310)	
DOE M 470.4-4A	01/16/09	Information Security Manual (M145)	Refer to Note 2 (M175)
DOE O 471.3, CRD	4/9/03	Identifying and Protecting Official Use Only Information (M087)	Contract Clause H.50 (M175)
DOE M 471.3-1, Chg 1, CRD	4/9/03	Manual for Identifying and Protecting Official Use Only Information (M087) (310)	Contract Clause H.50 (M175) Refer to Note 12 (310)
DOE O 475.1, CRD	12/10/04	Counterintelligence Program (M071)	Contract Clause C.6, Standard 8(c) (M175)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE/RW-0511, Volume I, Rev. 4	03/07/2008	Integrated Interface Control Document (IICD), High-Level Radioactive Waste and U.S. Department of Energy and Naval Spent Nuclear Fuel to the Civilian Radioactive Waste Management System (M114)	Contract Clause C.8, Specification 1,1.2.1.5 and 1.2.2.1.1 (321)
DOE O 551.1D, CRD	04/02/12	Official Foreign Travel. Refer to Note 4. (M141) (M175) (283)	Contract Clause I.109 (M175). Implemented in accordance with CCN 243970, and 12-WTP-0272 (CCN 251792) and Note 4. (283)(363)
DOE-HDBK-1092-2004, Appendix A	12/2004	DOE Electrical Safety Handbook. Refer to Note 6 (209)	The order is effective regardless of comment above at (b).
RL/REG-2000-04		DELETED (215)	
DOE/ORP-2000-06		Deleted through Contract Modification M082 (M175)	
DOE STD 3009		DELETED (310)	
DOE O 5480.20A, Change 1, CRD		DELETED (310)	
SCSP	5/9/06	Richland Regional Office Site Counterintelligence Support Plan Hanford Site - Bechtel National, Inc. (M071)	Contract Clause C.6, Standard 8(c) (M175)
DOE-0364		DELETED (366)	
HNF-EP-0063	02/01/11	Hanford Site Solid Waste Acceptance Criteria (310)	The order is effective regardless of comment above at (b).

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE/RL-92-36 (342)	11/18/14	Hanford Site Hoisting and Rigging Manual (342)	The order is effective regardless of comment above at (b) and implemented in accordance with Note 13.
DOE/RL-2001-36, Rev 1E, Appendix I.7	05/01/11	ILAW Special Packaging Authorization of the Hanford Sitewide Transportation Safety Document (310)	Implemented per C.8, Specification 2, 2.2.1.21 and 2.2.2.10. (293)
DOE O 151.1C, CRD	11/02/05	Comprehensive Emergency Management System (310)	Implemented in accordance with DOE/RL-94-02.
DOE O 473.3, CRD	06/29/11	Protection Program Operations (310)	The order is effective regardless of comment above at (b).
DOE O 426.2, CRD	04/21/10	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities (310)	Contract Clause C.3(f)(6) (321), Refer to Note 8 (310)
DOE O 225.1B, CRD (363)	03/04/11	Accident Investigations (310)	Refer to Note 9 (310)
DOE STD 3009	1994	Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) (A029) (M152) (321)	Contract Clause C.6, Standard 9, paragraph 2. (321)
DOE-HDBK-1092-2013, Appendix D	07/2013	DOE Electrical Safety Handbook. Refer to Note 15 (353)	The order is effective regardless of comment above at (b).

Notes:

1. Implementation of DOE M 470.4-1, CRD includes the following Sections:
 - Section A, *Safeguards and Security Program Planning and Management*
 - Section F, *Performance Assurance Program*
 - Section G, *Survey, Review, and Self-Assessment Programs*
 - Section I, *Facility Clearances and Registration of Safeguards and Security Activities*
 - Section J, *Safeguards and Security Training Program*
 - Section K, *Safeguards and Security Awareness Program*
 - Section N, *Incidents of Security Concern*

Please refer to CCN 182640 for detailed information on the implementation of each section.

2. Contractor scope of DOE M 470.4-4A is limited to the OPSEC requirements listed in ORP Letter 08-ESQ-318 (CCN 192555) which states that the following actions are required:
 - Appoint an OPSEC Representative;
 - Ensure the OPSEC Representative attend Hanford OPSEC Working Group meetings on a quarterly basis;
 - Obtain OPSEC/Security Awareness Posters from Project Hanford Management Contracts Safeguards and Security Awareness Manager and ensure they are posted in BNI working areas; and
 - Annually conduct three OPSEC Reviews/Assessments of BNI work areas.
3. The Contractor shall implement DOE O 221.1, CRD and DOE O 221.2, CRD into all new subcontract awards beginning January 1, 2003, except for those acquisitions for commercial items and for any new acquisition awards under \$100,000. DOE O 221.1A, DOE and DOE O 221.2A, CRD shall be implemented into all new subcontract awards beginning October 01, 2008, using the same criteria. Flow down of the requirements of these DOE Order CRDs to Subcontractors using these criteria meets the intent of ensuring compliance with the DOE Order CRD requirements.
4. This Order deemed to be the "subsequent version of the order in effect at the time of award" per DEAR 952.247-70. Implementation shall include compliance with DOE EM Standing Operating Policy Procedure (SOPP) 66, Revision 0, Official Foreign Travel, with the exception of SOPP Sections 7.D and 9.B.5.
5. DELETED (336)
6. The Contractor shall implement DOE-HDBK-1092-2004, Appendix A, as described in 10-WTP-327 (CCN 229364) and CCN 229141.
7. The Contractor shall implement DOE O 413.3B, as described in CCN 242792 and 12-WTP-0159.
8. The Contractor shall implement DOE O 426.2, CRD, as described in CCN 249671.
9. The Contractor shall implement DOE O 225.1B, CRD (363) as described in CCN 249671.
10. The Contractor shall implement DOE O 210.2A, CRD, as described in CCN 249671.
11. The Contractor shall implement DOE O 226.1B, CRD, as described in CCN 249671.
12. The Contractor shall implement DOE M 471.3-1, Chg 1, CRD, as described in CCN 249671.
13. The Contractor shall implement DOE O 433.1B, CRD Admin Chg 1 & DOE-RL-92-36, as described in CCN 202791 (363).
14. The Contractor shall implement DOE O 414.1D, CRD, Chg 1, as described in CCN 222763 and 15-QAD-0014.
15. The Contractor shall implement DOE-HDBK-1092-2013, Appendix D, as described in 14-CPM-0231 (CCN 274546) and CCN 257008. Unlisted Equipment that is "Low-Hazard", defined as "Class X.0 or X.1" in Appendix D of the DOE Handbook for Electrical Safety, may be labeled or identified as such (e.g., "Unlisted Approval Not Required", "Low-Hazard", or "Class X.0, X.1") to indicate it is equipment that does not require field evaluation and approval. This exemption will only apply to Class X.0 and Class X.1 equipment that are connected to a power source of less than 50 Volts and less than 1000 volt-amps.

- b. Attachment F - Key Personnel is revised as follows:
- i. Change the Manager of Design, Operations and Integration from "E. F. Sproat" to "Alan Dobson".
 - ii. Change the WTP Project Manager of Environmental, Safety & Health from "Richard Nugent" to "Phillip Worley"

Attachment F – Key Personnel is revised as follows:

<u>Key Position</u>	<u>Current Employee</u>
(M110) (M130) (M133) (M147) (M152) (M158) (A164) (M181) (206) (208) (242) (261) (276) (291) (303) (308) (332) (336) (353)	
Project Director	Margaret McCullough

Project Manager	Joseph St. Julian
Manager of Design, Operations & Integration	Edward (Ward) Sprout Alan Dobson
Manager of Environment, Safety & Health	Richard Nugent Phillip Worley
Manager of Nuclear Safety Engineering	Robert (R. T.) Brock
Manager of Quality	Thomas Hughes
Plant Operations Manager	Ken Wells
Project Technical Director & Design Authority	Ian Milgate
Manager of Production Engineering	Mark Johnson
Manager of Construction	Danny Hydrick
Business Services Manager	Lori Baker

- c. Attachment Q – DFLAW Design Completion Criteria Incentive Definitions, DF-03 Interim Milestone Definition Sheet table is revised to correct a typo from DLFAW to DFLAW.

The table is revised as follows:

Facility	Activity ID	Description
EMF		DLFAW DFLAW Safety Basis Change Package (PDSA)

- d. Attachment P – Delete Activity Milestone Definition Sheets for LAW-01, LAB-03, and BOF-03. Modification 353 transferred these milestones from the To-Be-Completed Milestones table to the Completed Milestones table, but did not remove the definition sheets for these completed milestones from Attachment P.
5. All other terms and conditions remain unchanged.

(End of Modification)