



**Purpose of Modification:**

The purpose of this modification is to issue a change order to direct Bechtel National, Inc. (BNI) to proceed with the implementation of DOE Order (O) 232.2, *Occurrence Reporting and Processing of Operations Information*, Supplemental Contractor Requirements Document (SCRD). DOE O 232.2, SCRD, is hereby added to list of applicable directives in Contract Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B-DEAR 970.5204.78)*, paragraph (b).

This SCRD is incorporated under the authority provided by Clause I.82, FAR 52.243-2 *Changes – Cost Reimbursement (AUG 1987) – Alternate III (APR 1984)*. This modification does not add additional funds to the contract. Accordingly, work under the contract for the change order must be performed within the amount of funds which have been incrementally allotted to the contract in accordance with Contract Clause B.2, *Obligation and Availability of Funds and Contract Value*, and Contract Clause I.66, *FAR 52.232-22 Limitation of Funds (Apr 1984)*. Additional direction provided to BNI in conjunction with this order is as follows:

- BNI shall submit within 30 (thirty) days of date of this modification a detailed technical and price proposal;
- A bi-lateral modification definitizing this change order shall be executed no later than 180 days after the date of this modification and receipt of an acceptable proposal; and
- BNI is not authorized any additional funds for the incorporation of the said SCRD.

This modification also incorporates revisions to Contract Section J, Attachment E, paragraph b. The changes included herein are as follows:

- Delete DOE Manual (M) 231.1-2, *Occurrence Reporting and Processing of Operations Information*, CRD;
- Delete Supplemental Contractor Requirements Document (SCRD) M 231.1, *Occurrence Reporting and Processing of Operations Information*, Revision 1;
- Delete HFID 232-1B, *Notification and Reporting of Operations Information*; and
- Add SCRD O 232.2, *Occurrence Reporting and Processing of Operations Information*, Revision 0.

As a result of these changes, Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, and Contract Section H, *Special Contract Requirements*, Contract Clause H.24, *Emergency Clause*, are also revised accordingly. These revisions are incorporated under the authority of Contract Clause I.117, *DEAR 970.5204-78 Laws, Regulations, and DOE Directives (JUN 1997)*.

**Description of Modification:**

1. Update Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, Standard 1, *Management Products and Controls*, paragraph (d), *Project Reporting*, sub-paragraph 5, *Occurrence Reporting*, and replace the reference to DOE M 231.1-2, *Occurrence Reporting and Processing of Operations Information*, with DOE O 232.2, *Occurrence Reporting and Processing of Operations Information*, SCRD. Contract Section C, Contract Clause C.6, Standard 1, paragraph (d), sub-paragraph 5 is replaced in full as follows:
  - (5) Occurrence Reporting: The Contractor shall adhere to DOE Order 232.2, *Occurrence Reporting and Processing of Operations Information*, Supplemental Contractor Requirements Documents (SCRD), with Hanford Site-specific requirements and methods for notification (Table C.5-1.1, Deliverable 1.8). The Contractor shall also adhere to the requirements of the ORP Supplemental (S) CRD to DOE Order 232.2 (256).
2. Update Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, Standard 1, *Management Products and Controls*, paragraph (d), *Project Reporting*, sub-paragraph 6, *Environment, Safety, and Health Reporting*, and replace the reference to DOE M 231.1-2, *Occurrence Reporting and Processing of Operations Information*, with DOE O 232.2, *Occurrence Reporting and Processing of Operations Information*, SCRD. Contract Section C, Contract Clause C.6, Standard 1, paragraph (d), sub-paragraph 6 is replaced in full as follows:
  - (6) Environment, Safety, and Health Reporting: In addition to the *Occupational Safety and Health Act of 1970* and the *Price Anderson Amendments Act of 1988* (10 CFR 820) reporting requirements, the Contractor shall report all information specified in DOE Order 231.1A. The process and form of reporting will meet the requirements DOE Manual 231.1-1A, Change 2, *Environment, Safety and Health Reporting Manual*. The Contractor process will specify this requirement in contracts down to the lowest-tier subcontractor. The Contractor process will accumulate and provide a single report responding to requirement information for both the Contractor and all subcontractors (Table C.5-1.1, Deliverable 1.9). For occurrence reporting the Contractor shall adhere to the requirements of the Supplemental Contractor Requirements Document (SCRD) of DOE Order 232.2 (256).
3. Update Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, Standard 4, *Construction, Procurement, and Acceptance Testing*, paragraph (j) and delete reference to HFID 232-1B, *Notification and Reporting of Operations Information*. Contract Section C, Contract Clause C.6, Standard 4, paragraph (j) is replaced in full as follows:
  - (j) Construction Emergency Response Plan: The Contractor shall develop and adhere to a Construction Emergency Response Plan that is compliant with the

applicable requirements of Hanford Emergency Management Plan, DOE/RL-94-02, and the emergency and fire prevention requirements of 29 CFR 1910 and 29 CFR 1926. (Table C.5-1.1, Deliverable 4.6) (215) (256).

4. Update Contract Section H, *Special Contract Requirements*, Contract Clause H.24, *Emergency Clause*, and delete paragraph (c), which references HFID 232-1B, *Notification and Reporting of Operations Information*. Contract Section H, Contract Clause H.24, paragraph (c), is revised as follows:

FROM:

- (c) The Contractor shall comply with the requirements of HFID 232.1B, *Notification and Reporting of Operations Information*, as it applies to reporting emergencies and abnormal events.

TO:

- (c) Deleted (256)

5. Update the table in Contract Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B-DEAR 970.5204.78)*, paragraph (b) and add DOE O 232.2, *Occurrence Reporting and Processing of Operations Information*, SCRD, to the list of applicable directives.
6. Update the table in Contract Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B-DEAR 970.5204.78)*, paragraph (b) and delete DOE M 231.1-2, *Occurrence Reporting and Processing of Operations Information*, CRD, SCRD M 231.1, *Occurrence Reporting and Processing of Operations Information*, Revision 1, and HFID 232-1B, *Notification and Reporting of Operations Information*, from the list of applicable directives.
7. Update the table in Contract Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B-DEAR 970.5204.78)*, paragraph (b) and add SCRD O 232.2, *Occurrence Reporting and Processing of Operations Information*, Revision 0.
8. The table in Contract Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B-DEAR 970.5204.78)*, paragraph (b) is replaced in full as follows:

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
06-AMD-050 (CCN 144548)	08/28/06	Office of Environmental Management Interim Guidance, "Safety Integration into Early Phases of Environmental	The letter is effective regardless of comment above at (b) (M175)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
		Management Facility Design.” (M084)	
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	06/2010	Hanford Emergency Management Plan (Revision 4, June 2010) (A197)	Contract Clause C.6, Standard 4(j) and Standard 7(e)(1) Table S7-1 (M175) Refer to Note 5 (A197)
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)
<del>DOE O 205.1A, CRD</del>	12/4/06	DELETED (M194)	
<del>DOE M 205.1-2</del>		DELETED (M175)	
<del>DOE M 205.1-5, CRD</del>		DELETED (M194)	
<del>DOE M 205.1-6, CRD</del>		DELETED (M194)	
<del>DOE M 205.1-7, CRD</del>		DELETED (M194)	
<del>DOE M 205.1-8, CRD</del>		DELETED (M194)	
DOE O 206.1, CRD	01/16/09	DOE Privacy Program (235)	The order is effective regardless of comment above at (b)
DOE O 210.2, CRD	06/16/06	DOE Corporate Operating Experience Program (M077)	Contract Clause H.49 (M175)

<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>TITLE</b>	<b>CROSS REFERENCE</b>
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 226.1A, CRD	7/31/07	Implementation of Department of Energy Oversight Policy (M069) (M108)	Contract Clause H.46 (M175)
DOE O 231.1A	08/19/03	Environment, Safety, and Health Reporting (M033)	Contract Clause C.6, Standard 1(d)(5) and (6) (M175)
DOE M 231.1-1A, Change 2, CRD	06/12/07	Environment, Safety and Health Reporting Manual (M175)	Contract Clause C.6, Standard 1(d)(6) and Standard 7(e)(1) Table S7-1 (M175)
<del>DOE M 231.1-2, CRD</del>		DELETED (256)	
<del>SCRD M 231.1-2</del>		DELETED (256)	
SCRD O 232.2	8/30/11	Occurrence Reporting and Processing of Operations Information, Revision 0 (256)	Contract Clause C.6, Standard 1(d)(5) and (6).
<del>HFID 232-1B</del>		DELETED (256)	
DOE N 234.1, CRD	02/27/08	Reporting of Radioactive Sealed Sources (M130)	The notice is effective regardless of comment above at (b) (M175)
DOE O 241.1, CRD	08/17/98	Scientific and Technical Information Management	Contract Clause G.8(c) (M175)
DOE/RW-0333P	10/01/08	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 (M099) (M134)	Contract Clause C.6, 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)

<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>TITLE</b>	<b>CROSS REFERENCE</b>
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	07/28/06	Program and Project Management for the Acquisition of Capital Assets (M055) (M076)	Contract Clause C.6, Standard 1, opening paragraph, (a), (b)(3) and (c)(1) (M175)
DOE M 413.3-1	03/28/03	Project Management for the Acquisition of Capital Assets (M055) Applicable to Standard 5 only (A164).	Contract Clause C.6, Standard 5(a)(6) and (k) (M175)
DOE O 414.1C, CRD	04/16/10	Quality Assurance (M066)	Contract Clause C.6, Standard 7(e)(3)(i) & (iv) (M175)
DOE O 420.1B, Chapter V	12/22/05	Facility Safety (245)	The order is effective regardless of comment above at (b)
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, CRD	04/16/10	Verification of Readiness to Start Up or Restart Nuclear Facilities (M033) (A190)	Contract Clause C.6, Standard 5(a)(5), (c)(6), (e)(2), (f), and (g) (M175)
DOE O 435.1, Chg 1, CRD	08/28/01	Radioactive Waste Management.	Implementation of this DOE CRD using the graded approach; approved by 04-WEC-004; CCN 081173 satisfies the comment above at (b). (M130) (M175)
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 442.1A & Supplemented Rev. 1, CRD	06/06/01	Department of Energy Employee Concerns Program (A029)	The order is effective regardless of comment above at (b) (M175)
DOE M 442.1-1, CRD	11/16/06	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health (M095)	The manual is effective regardless of comment above at (b) (M175)
DOE M 450.4-1, CRD	11/01/06	Integrated Safety Management System Manual.	Attachment 1 to Contract Modification M097 – Contractor Requirements Document (M097) (M175)
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	07/23/09	Physical Protection	Contractor shall implement consistent with 08-ESQ-116 (CCN 181839) and confirmed by CCN – 208288) (A164) (M175)
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, CRD	4/9/03	Manual for Identifying and Protecting Official Use Only Information (M087)	Contract Clause H.50 (M175)
DOE O 475.1, CRD	12/10/04	Counterintelligence Program (M071)	Contract Clause C.6, Standard 8(c) (M175)
DOE/RW-0511, Volume I, Rev. 3	01/2007	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, 1.2.1.10 and 1.2.2.1.1 (M175)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE O 551.1C, CRD	06/24/08	Official Foreign Travel. Refer to Note 4. (M141) (M175)	Contract Clause I.109 (M175)
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).
<del>RL/REG-2000-04</del>	<del>07/03</del>	<del>DELETED (215)</del>	
<del>DOE/ERP-2000-06</del>		<del>Deleted through Contract Modification M082 (M175)</del>	
DOE STD 3009	1994	Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) (A029) (M152)	Contract Clause C.6, Standard 9, Table S9-1 (M175)
DOE O 5480.20A, Change 1, CRD	07/12/01	Personnel Selection, Qualification, and Training requirements for DOE Nuclear Facilities (M152)	Contract Clause C.3(f)(6) (M175) (A190)
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)

9. All other terms and conditions remain unchanged.

### Attachments

1. **DOE O 232.2, Occurrence Reporting and Processing of Operations Information, SCRD, Revision 0.**

**(End of Modification)**

**ATTACHMENT 1:**

- 1. DOE O 232.2, *Occurrence Reporting and Processing of Operations Information*,  
SCRD, Revision 0.**

(2 pages including cover page)

## **Supplemental Contractor Requirements Document (SCRD) 232.2 (Revision 0)**

**Title:** SCRD DOE Order 232.2, Occurrence Reporting and Processing of Operations Information

**Applicability:** Bechtel National, Inc. (BNI), Waste Treatment and Immobilization Plant (WTP)

The Contractor shall adhere to the responsibilities and requirements set forth in DOE Order 232.2 Section 5 *Responsibilities*, paragraph g, *Facility Manager*; Contractor Requirements Document (CRD), Attachment 1; and the Supplemental Requirements discussed below.

### **Clarifications:**

In addition to the notification requirements detailed in DOE O 232.2 CRD, DOE-WTP requires notification of all facility events including those not meeting the threshold of Occurrence Reporting. These notifications shall be timely and detailed enough to communicate the facts surrounding the event.

### **Supplemental Requirements:**

The DOE-WTP on-call Facility Representative (FR) shall be immediately notified (within 30-minutes) of the events described below; initial notification shall be by phone, with a detailed follow up email.

- **Fatality, either work-related or not**
- **Safeguards and security events** – comprising actions, inactions, or events that pose the most serious threats to national security interests and/or critical DOE assets, create serious security situations, or could result in deaths in the workforce or general public.
- **Offsite transportation incident or accident** – that results in, or has the potential to result in, harm to the environment or the public.
- **Any situation you believe warrants immediate notification**

Should BNI be unable to reach the DOE-WTP on-call FR, the pre-arranged assigned DOE-WTP manager shall be notified. The notification process must continue until someone has been contacted; use of voice messaging is not an acceptable method for notification.

Additionally, BNI management should notify the DOE-WTP on-call FR as soon as possible upon determining an adverse or abnormal event has occurred. Examples include non DOE O 232.2 reportable events such as: all first aid cases (via daily email), injuries, personal medical events; equipment damage/strikes, dropped objects, and any environmental issues; work-related personnel injuries that require treatment beyond first-aid (includes OSHA recordable injuries); chemical exposures; ambulance runs; event investigations (including critiques or fact finding sessions); work stoppages; and any other situation that might receive public, regulatory, or DOE Headquarter attention. Such contact is intended to allow the DOE-WTP FR to view the event scene prior to post-event changes, to observe the associated contractor actions, and to allow their attendance in any investigative meeting or critique.