



One Team. One Culture.

Management Plan

PRC-MP-SH-32219

10 CFR 851 CHPRC Worker Safety and Health Program Description

Revision 3, Change 0

Published: 05/31/2016
Effective: 05/31/2016

Program: Occupational Safety and Industrial Hygiene
Topic: Occupational Safety and Industrial Health

Technical Authority : Hughey, Markis
Functional Manager: Hughey, Markis

Use Type: Administrative



10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

PRC-MP-SH-32219

Effective Date: 05/31/16

JHA: Administrative**Periodic Review Due Date: 07/17/2019****Publication Correction: 06/07/2016**

Rev. 3, Chg. 0

USQ Screen Number:

- Solid Waste Operations Complex : **Categorical Exclusion: GCX-7 (Minor Change)**
Screener: Jacobs, Orvil
- Canister Storage Building/Interim Storage Area : **Categorical Exclusion: GCX-7 (Minor Change)**
Screener: Covey, Lori
- Central Plateau Surveillance and Maintenance : **Categorical Exclusion: GCX-7 (Minor Change)**
Screener: Jacobs, Orvil
- Waste Encapsulation Storage Facility : **Categorical Exclusion: GCX-7 (Minor Change)**
Screener: Covey, Lori
- 100 K Facility : **Categorical Exclusion: GCX-7 (Minor Change)**
Screener: Williams, James
- Plutonium Finishing Plant : Excluded from USQ
Exclusion Reason:

- Transportation : Excluded from USQ
Exclusion Reason:
N/A per Appendix B, Table B-2

CHANGE SUMMARY

Description of Change

Revision supports the annual DOE approval of the CHPRC worker safety and health program per 10 CFR 851. Included in this year's procedure is acknowledgement of RCCC scope.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

TABLE OF CONTENTS

1.0	EXECUTIVE SUMMARY	2
2.0	BACKGROUND	3
3.0	ROLES AND RESPONSIBILITIES.....	3
3.1	General Description	3
3.2	Integration of Site Activities	4
3.3	Worker Safety and Health Program Maintenance	4
	3.3.1 Minor revisions.....	4
	3.3.2 Major revisions.....	5
	3.3.3 Annual review	5
3.4	Submittals under 10 CFR 851	5
	3.4.1 Annual Worker Safety and Health Program Description.....	5
	3.4.2 Closure Facility Hazards.....	5
	3.4.3 River Corridor Closure Contract Scope.....	5
	3.4.4 Requests for Interpretative Ruling.....	6
	3.4.5 Requests for Variance	6
	3.4.6 Self-Identification and Tracking System	6
4.0	PROGRAM DESCRIPTIONS	6
5.0	IMPLEMENTING DOCUMENTS	7
6.0	ACRONYMS	8
7.0	SOURCES	10
	7.1 Requirements.....	10
	7.2 References.....	10

List of Appendixes

Appendix A -	Descriptions of “Worker Safety and Health Functional Areas”	11
Appendix B -	851 Implementation Matrix	15
Appendix C -	Contractor Safety and Health	30

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

1.0 EXECUTIVE SUMMARY

This document, the *CH2M HILL Plateau Remediation Company Worker Safety and Health Program Description*, identifies the elements, methods, and processes by which CH2M HILL Plateau Remediation Company (CHPRC) meets the requirements in the Title 10, *Energy*, Code of Federal Regulations (CFR) Part 851, *Worker Safety and Health Program* (the Rule) published in the Federal Register Volume 71 No 27, February 9, 2006. The Rule codifies worker protection program requirements and establishes the following:

- Requirements for a worker safety and health program that will reduce or prevent occupational injuries, illnesses, and accidental losses by requiring U.S. Department of Energy (DOE) contractors to provide their employees with safe and healthy workplaces at DOE sites; and
- Procedures for investigating whether a violation of a requirement of the Rule has occurred, for determining the nature and extent of any violation, and for imposing an appropriate remedy (851.1).

In accordance with Subpart C, of the Rule, CHPRC is responsible for the safety and health of CHPRC workforce (851.20) for CHPRC employees and contractors that meet the scope and definition of “*work at a DOE site in furtherance of the DOE mission,*” as defined in 10 CFR 851.3. CHPRC’s accountability to adhere to the Rule’s referenced requirements is based on the Rules Preamble, Federal Register Volume 71 No 27, February 9, 2006, page 6896 (Column 1), which states: “The standards included in this final rule are consistent with those mandated under DOE Order 440.1A.”

CHPRC has adopted other best management practices, consensus standards and health based values not invoked by the Rule. For example, CHPRC is contractually obligated to encourage employees to decline to perform a task that “poses an imminent risk of death or serious physical harm . . .” [(851.20(b)(8)]; however, CHPRC joined the rest of the Hanford Site contractors by using a graded approach that provides workers the right to Stop Work when they feel the hazard has not been fully addressed. Another example is using clothing adjustments for heat stress factors for clothing ensembles that were published in the 2009 American Conference of Governmental Industrial Hygienist (ACGIH) Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices (TLV) book. The 2005 revision contained only three clothing types where the 2009 version includes an additional three. Furthermore, CHPRC also adopts more recent publications of the ACGIH TLVs when they are more protective.

Memorandums of Agreements (MOA) have been established with other Hanford Site Contractors who have a key role in CHPRC’s ability to meet the Rule. This meets the 851.11(a)(2)(ii) requirement to coordinate with each other to ensure there are clear roles, responsibilities, and procedures to ensure the safety and health of workers at multi-contractor workplaces.

CHPRC has an approved Integrated Safety Management System/Environmental Management System (ISMS/EMS) described in PRC-MP-MS-003, *Integrated Safety Management System/Environmental Management System Description (ISMSD)*, which describes how environment, safety, health, and quality are integrated into the work planning and execution for CHPRC scope of work.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

2.0 BACKGROUND

On October 1, 2008, CHPRC began managing the Plateau Remediation Contract (DE-AC06-08RL14788) for the U.S. Department of Energy Richland Operations Office (DOE-RL). The contracted activity occurs at the Hanford Site, located near Richland Washington, a covered workplace under 10 CFR 851.3, “a place at a DOE site where a contractor is responsible for performing work in furtherance of a DOE mission.”

CHPRC contract deliverable C.3.2.3-1, *Adopted Worker Safety and Health Program* was completed via letter CHPRC-0800013, Revision 2 on August 28, 2008. This deliverable is important as it adopted the Fluor Hanford, Inc. HNF-MP-32219, *10 CFR 851 PHMC Worker Safety and Health Program Description*, Revision 3 in its entirety, including referenced documents. The Richland Operations Office responded with the letter, APPROVAL OF THE 10CFR851 WORKER SAFETY AND HEALTH PROGRAM, 08-SED-0208, dated September 23, 2008. This confirmed CHPRC compliance with the 851.11(b)(1), which states: “. . . no work may be performed at a covered workplace unless an approved worker safety and health program is in place for the workforce.”

This document is consistent with and supports PRC-MP-MS-003, *Integrated Safety Management System/Environmental Management System Description (ISMSD)*.

3.0 ROLES AND RESPONSIBILITIES

3.1 General Description

The CHPRC Safety, Health, Security, and Quality (SHS&Q) support services organization is responsible for maintaining this CHPRC Worker Safety and Health Program Description document. Within SHS&Q, Occupational Safety and Industrial Hygiene (OS&IH) is responsible for program development, implementation and oversight. Price Anderson Amendments Act (PAAA) Event & Reporting is responsible for performing the actions associated with the PAAA program described in PRC-PRO-NS-2243, *Identification, Reporting, and Tracking of Nuclear Safety and Worker Safety and Health Requirement Noncompliances & PAAA/Worker Safety and Health Enforcement Activities*. Appendix A, *Description of Functional Areas*, provides a summary description of CHPRC organizations responsible for implementation of specific areas of the Rule. CHPRC Projects and organizations are responsible for implementing the overall worker safety and health program and appropriate integration into contracting and work planning activities.

The roles and responsibilities of organizations and personnel supporting the CHPRC are described in PRC-MP-MS-003. CHPRC establishes specific roles and responsibilities for implementation of worker safety and health requirements through the document format established in the CHPRC documents identified in Appendix B, *851 Implementation Matrix*, which defines specific responsibilities for implementation of the scope of the individual document.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

3.2 Integration of Site Activities

The Hanford Site consists of three DOE Field Offices, and multiple contractors, requiring integration of some worker health and safety activities. CHPRC supports the Site Wide Standards Management Plan and provides qualified resources to represent CHPRC interests to the committee on a continuing basis. Occasionally CHPRC meets with other site contractors to address site wide issues for the purpose of providing a consistent approach to resolutions.

Work performed by/for other contractors at the Hanford Site is controlled under a series of MOA. Two Memorandums are in place for the DOE-Prime Contractors who have a key role in CHPRC's ability to meet all the Rules requirements.

- Mission Support Alliance, LLC, (MSA)
- Occupational Medical Service Provider

In general, for work authorized under the Memorandums, safety will be controlled by the contractor in control of the work location.

When obtaining products or services from other Hanford Site DOE Prime Contractors through the Work Authorization fund transfers, the expectation is that DOE has approved top-level programs in health, safety, and quality (ISMS, Worker Safety and Health Program, and Quality Assurance Program), and that these programs and documents are found acceptable to DOE and no further verification is required.

3.3 Worker Safety and Health Program Maintenance

The CHPRC SHS&Q Vice President is accountable for maintaining the Program and shall approve all revisions. The Program will be maintained in accordance with the Rule. An annual review will be conducted, at a minimum, to verify that the Worker Safety and Health Program adequately reflect operations and controls. The annual review will include worker participation as defined in 851.11(d).

This document will be maintained under CHPRC configuration control and submitted for review and approval whenever a significant change or addition to the Worker Safety and Health Program is made, when minor revisions are required, or annually.

Applicable labor organizations will be notified of any updates or changes to the program as defined in 851.11(d). This communication is initiated through Labor Relations to the Labor Organization President(s). Changes to the program are communicated to the workforce through a variety of methods (e.g. Safety Tailgate slides and the Plateau Remediation Contract Procedure System [PPS] notifications).

3.3.1 Minor revisions

Editorial or minor process improvements that do not change context or concept will be reviewed, approved, and incorporated to the Program without DOE-RL approval. Reference to these changes/revisions will be identified and communicated to the DOE-RL during the annual Program review process.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

3.3.2 Major revisions

Significant operational changes and/or issues impacting approved safety and health thresholds require written DOE-RL Contracting Officer approval prior to implementation, such as:

- New contractor awarded contract,
- Contractor accepts a new work scope for a new toxic, reactive, flammable, or explosive chemical which was not addressed in the approved Worker Safety and Health Program,
- The toxicity or explosive hazard, such as chemical storage, has increased where there is a credible accident scenario that would impact the co-located workers or off-site public, or
- A site not currently using explosive begins a project involving explosives.

3.3.3 Annual review

In accordance with contractual requirements, submit an updated worker safety and health program for approval or letter stating that no changes are necessary to the currently approved plan.

3.4 Submittals under 10 CFR 851

The CHPRC SHS&Q support services organization is responsible for maintaining this CHPRC Worker Safety and Health Program Description document and submittals/notifications under the Rule. The following submittals/notifications are defined in the Rule, and will be provided to DOE-RL.

3.4.1 Annual Worker Safety and Health Program Description

In accordance with contractual requirements, the Program will be reviewed and submitted for DOE-RL Contracting Officer approval annually (12 months after the preceding revision date).

3.4.2 Closure Facility Hazards

In accordance with 851.21(b), CHPRC will submit to DOE-RL a list of closure facility hazards and the established controls within 90-days after identifying such hazards. Closure facility hazards are defined in 851.3, and are limited to hazards in which means of control involve deviations from the technical requirements of 851.23 and would require costly and extensive structural/engineering modifications to be in compliance.

3.4.3 River Corridor Closure Contract Scope

DOE-RL has directed the transition of scope from the River Corridor Closure Contract (RCCC), currently operated by Washington Closure Hanford (WCH), to CHPRC, effective no later than October 1, 2016. This work scope includes the 618-10 Burial Ground trench work, 324 Building, other facilities and waste sites, and continued operation of the Environmental Restoration Disposal Facility. Transition of RCCC facilities and work scope to CHPRC will be accomplished in a phased approach beginning in April 2016. CHPRC will use a blue sheet process to initially transition the existing WCH Worker Safety and Health program and implementing procedures to allow for safe and continuous operations until the WCH procedures are formally reconciled into the CHPRC procedure system.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

RCCC scope during transition will fall under the blue sheeted WCH procedures WCH-4, Appendix H, Worker Safety and Health Program (10 CFR 851) and Appendix J, RCCC Subcontractor Worker Safety and Health Program Plan (10 CFR 851). The WCH procedures listed above have been added as implementing documents in Appendix B, 851 Implementation Matrix, in this 10 CFR 851 CHPRC Worker Safety and Health Program Description. After full transition of scope and reconciliation of the WCH procedures, the RCCC scope will be integrated into the CHPRC 10 CFR 851 Worker Safety and Health Program and this program description will be revised to remove the WCH procedures.

3.4.4 Requests for Interpretative Ruling

The DOE Office of General Counsel is the sole authority that can provide binding interpretations of the Rule. The DOE Office of Health, Safety & Security can provide technical information on implementation and enforcement guidance. CHPRC will provide courtesy notification to DOE-RL of any requests for interpretation.

3.4.5 Requests for Variance

The Rules' Subpart D defines the process for requesting a Variance, and will be used when requesting Temporary, Permanent, and National Defense Variances. CHPRC will inform DOE-RL of the need for a variance and submit the request for variance to the Cognizant Secretarial Officer.

3.4.6 Self-Identification and Tracking System

CHPRC will use the DOE voluntary Noncompliance Tracking System (NTS) and the guidelines provided in the Enforcement Process Overview to report any noncompliance. CHPRC will use the existing Condition Reporting & Resolution System for non-NTS reportable 10 CFR 851 non-compliances.

4.0 PROGRAM DESCRIPTIONS

The CHPRC has an established safety and health program based on CHPRC contract requirements and in particular the Rule. Key CHPRC documents are listed in Section 5.0.

The overall safety and health program supports the functional areas established in the Rule and provides the environment for a place of employment that is free from recognized hazards that are causing or have the potential to cause death or serious physical harm to workers (851.10(a)). CHPRC has separate, non-regulatory commitments to worker ownership and partnership in safety and health, as defined in the 47 Federal Register (FR) 29025, *Voluntary Protection Programs (VPP)*.

Appendix A, *Descriptions of "Worker Safety and Health Functional Areas,"* provides a summary description of each area required to support implementation of the Rule's Subpart C.

Appendix, B, *851 Implementation Matrix*, identifies documents and processes for performing CHPRC activities to be in compliance with the Rule's requirements.

Appendix C, *Contractor Safety and Health*, provides a summary of the processes used to ensure CHPRC contracted work scope is performed in accordance with this document.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

5.0 IMPLEMENTING DOCUMENTS

PRC-MP-MS-003, *Integrated Safety Management System/Environmental Management System Description.*

PRC-MP-QA-599, *Quality Assurance Program Description*

PRC-MP-AC-40500, *Acquisition Management Plan*

RL-0040, *Nuclear Facility Deactivation and Decommissioning Remainder of Hanford Project Execution Plan*

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

6.0 ACRONYMS

<i>Term</i>	<i>Definition</i>
ACGIH	American Conference of Governmental Industrial Hygienist
AFL-CIO	American Federation of Labor-Congress of Industrial Organizations
AHJ	Authority Having Jurisdiction
AJHA	Automated Job Hazard Analysis
ASME	American Society of Mechanical Engineers
CBDPP	Chronic Beryllium Disease Prevention Program
CBT	Computer Based Training
CFR	Code of Federal Regulations
CHPRC	CH2M HILL Plateau Remediation Company
CRD	Contractor Requirements Document
DOE	Department of Energy
DOE-HQ	Department of Energy Headquarters
DOE-RL	Department of Energy - Richland Operations Office
EAP	Employee Assistance Program
EJTA	Employee Job Task Analysis
FAR	Federal Acquisition Regulations
FR	Federal Register
HAMTC	Hanford Atomic Metal Trades Council
HNF	Project Hanford Document
HNF-PRO	Project Hanford Procedure Document
HNF-RD	Project Hanford Requirements Document
ISMS	Integrated Environment, Safety, and Health Management System
JA	Jurisdictional Authority
MOA	Memorandum of Agreement
MSA	Mission Support Alliance
MSA-HNF-PRO	Mission Support Alliance Procedure
MSA-HNF-RD	Mission Support Alliance Requirements Document
NEC	National Electrical Code
NFPA	National Fire Protection Association
NTS	Noncompliance Tracking System
OMSP	Occupational Medical Service Provider
OS&IH	Occupational Safety and Industrial Hygiene

10 CFR 851 CHPRC Worker Safety and Health Program Description**Published Date: 05/31/16****Effective Date: 05/31/16**

OSHA	Occupational Safety & Health Administration
PAAA	Price Anderson Amendment Act
PHMC	Project Hanford Management Contract
PPS	PRC Procedure System
PRC-CHRT	Plateau Remediation Contract Management Charter Document
PRC-GD	Plateau Remediation Contract Management Guidance Document
PRC-MD	Plateau Remediation Contract Management Directive Document
PRC-MP	Plateau Remediation Contract Management Plan Document
PRC-POL	Plateau Remediation Contract Management Policy Document
PRC-PRO	Plateau Remediation Contract Procedure Document
PRC-RD	Plateau Remediation Contract Requirement Document
PRC-STD	Plateau Remediation Contract Management Standard Document
PZAC	Presidents' Zero Accident Council
RLEP	Richland Emergency Procedure
RRD	Richland Requirements Document
SCRD	Supplemental Contractor Requirements Document
SDD	Service Description Document
SHS&Q	Safety, Health, Security, and Quality
SP	Special Provision
VP	Vice President
VPP	Voluntary Protection Program
WSHP	Worker Safety and Health Program

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

7.0 SOURCES**7.1 Requirements**

10 CFR 851, *Worker Safety and Health Program*

7.2 References

47 Federal Register (FR) 29025, *Voluntary Protection Programs*

American Conference of Governmental Industrial Hygienist (AGIH) *Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices (TLV)* book, 2005 and 2009 editions

DE-AC06-08RL14788, *Plateau Remediation Contract*

DOE G 440.1-8, *Implementation Guide for use with 10 CFR PART 851, Worker Safety and Health Program*

DOE 851, *Frequently Asked Questions*

HNF-MP-32219, *10 CFR 851 PHMC Worker Safety and Health Program Description*

Letter from D.A. Brockman and J. C. Connerly to J. G. Lehew, *APPROVAL OF THE 10CFR851 WORKER SAFETY AND HEALTH PROGRAM, 08-SED-0208*, dated September 23, 2008

Letter: CHPRC-1102133, Memorandum of Agreement Number MOA-CSC-CHPRC-2011, Rev 0, *between the OMSP and CH2M HILL Plateau Remediation Company*

Letter: CHPRC-00813, Revision 2 on August 28, 2008, *Adopted Worker Safety and Health Program*

Memorandum of Agreement for the Performance of Payment of Services Between Mission Support Alliance, LLC, and CH2M HILL Plateau Remediation Company, August 12, 2009

NFPA-70 *National Electric Code*

NFPA-70E *Standard for Electrical Safety in the Workplace*

PRC-MP-MS-003, *Integrated Safety Management System/Environmental Management System Description*

PRC-MP-AC-40500, *Acquisition Management Plan*

PRC-PRO-AC-40471, *Contract Labor Resources*

PRC-PRO-NS-2243, *Identification, Reporting, and Tracking of Nuclear Safety and Worker Safety and Health Requirement Noncompliance's & PAAA/Worker Safety and Health Enforcement Activities*

PRC-MP-QA-599, *Quality Assurance Program Description*

RL-0040, *Nuclear Facility Deactivation and Decommissioning Remainder of Hanford Project Execution Plan*

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Appendix A - Descriptions of “Worker Safety and Health Functional Areas”

(10 CFR 851 Appendix A)

The methods to ensure implementation of the Functional Areas are briefly summarized below. The Functional Areas strategy is based on guidance from DOE G 440.1-8, *Implementation Guide for use with 10 CFR PART 851, Worker Safety and Health Program* and the DOE 851, *Frequently Asked Questions* web site established by the Office of Environment, Safety & Health at: <http://energy.gov/sites/prod/files/2014/07/f18/10CFR851-FAQ%20Updated%20October%2019%202010.pdf>

2019%202010.pdf

1.0 CONSTRUCTION SAFETY

APPLICABLE. CHPRC complies with the 10 CFR 851.23 mandated construction safety laws, codes, standards, and regulations relating to construction safety, and ensures that all reasonable steps are taken to set and communicate expectations and enforce requirements for subcontractor safety performance.

- Construction means combination of erection, installation, assembly, demolition, or fabrication activities involved to create a new facility or to alter, add to, rehabilitate, dismantle, or remove an existing facility. It also includes the alteration and repair (including dredging, excavating, and painting) of buildings, structures, or other real property, as well as any construction, demolition, and excavation activities conducted as part of environmental restoration or remediation efforts (10 CFR 851.3(a) - Definitions).
- Construction contractor means the lowest tiered contractor with primary responsibility for the execution of all construction work described within a construction procurement or authorization document (e.g., construction contract, work order). (10 CFR 851.3(a) Definitions).
- Construction contractor is responsible for identifying a designated representative on the worksite during periods of active construction, and assigning competent persons (where required by OSHA).
- **Construction safety management and oversight** ensures compliance with mandated codes and standards. Specific implementation methods are identified in Appendix B, *851 Implementation Matrix*.
- CHPRC work planning processes ensure that activities occurring in a non-construction environment trigger the appropriate construction standard requirements.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

2.0 FIRE PROTECTION

LIMITED APPLICABILITY. A portion of this section does not apply to CHPRC, as the contract directs this government furnished service through another DOE-RL contracted organization. MSA's Hanford Fire Department (HFD) provides 10 CFR 851 related Fire Protection services. The HFD organization is broken into three divisions.

- **Operations Division** is responsible for fire suppression, hazardous materials response, emergency medical response, and special rescue support activities.
- **Fire Systems Testing and Maintenance Division** is responsible for the functional testing, inspection and preventive and repair maintenance activities for Hanford Site fire alarm and suppression systems to meet National Fire Protection Association (NFPA) and DOE standards and requirements. In addition, this element performs annual inspection of site fire extinguishers, provides emergency response backup for suppression, ambulance and hazardous materials response support, and maintains all firefighter training certifications.
- The **Fire Prevention Division** is managed by the Hanford Site Fire Marshal and is responsible for all fire prevention activities, including the building tour and inspection program.

CHPRC maintains a staff of Fire Protection Engineers to ensure the design and maintenance of fire protection systems meet the Rule requirements. Specific implementation methods are identified in Appendix B, *851 Implementation Matrix*.

3.0 EXPLOSIVES SAFETY

APPLICABLE. CHPRC complies with 851.23 mandated Explosives Safety laws, codes, standards, and regulations relating to explosives safety. CHPRC Projects activities infrequently use explosives as part of well decommissioning, demolition activities, and construction activities. All acquisition, storage, and use of explosives are in accordance with MSA's HFD and Safeguard & Security processes. Specific implementation methods are identified in Appendix B, *851 Implementation Matrix*.

4.0 PRESSURE SAFETY

APPLICABLE. CHPRC complies with 851.23 mandated safety and health laws, codes, standards, and regulations relating to maintenance and operation of pressure vessels. The DOE-RL is designated as the "jurisdictional authority" for Pressure Vessels. The Jurisdictional Authority interpretations are to be kept on file. Any variances or exemptions pursued in the future that are beyond the Jurisdictional Authority's scope and authority, as defined in American Society of Mechanical Engineers (ASME) Boiler Pressure Code series, will be pursued through CHPRC Prime Contracts and managed as exemptions or variances to DOE requirements. Specific implementation methods are identified in Appendix B, *851 Implementation Matrix*.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

5.0 FIREARMS SAFETY

NOT APPLICABLE. The CHPRC contracted work scope directs this government furnished service through another DOE-RL contracted organization. MSA's Security related Protective Forces, and Animal Control, provides services that require firearms.

6.0 INDUSTRIAL HYGIENE

APPLICABLE. CHPRC complies with 851.23 contractually mandated safety and health laws, codes, and standards relating to industrial hygiene. Appendix B, *851 Implementation Matrix* identifies applicable requirements and implementation processes.

NOTE: *CHPRC utilizes the clothing adjustments for heat stress factors for clothing ensembles published in the 2009 American Conference of Governmental Industrial Hygienist (ACGIH) Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices (TLV) book as the 2005 revision contained only three clothing types where the 2009 version includes an additional three. Furthermore, CHPRC also adopts more recent publications of the ACGIH TLVs when they are more protective.*

7.0 BIOLOGICAL SAFETY

NOT APPLICABLE. CHPRC contracted work scope does not include hazards requiring the formation of an Institutional Biosafety Committee or equivalent as defined in 10 CFR 851 Appendix A, Section 7.

8.0 OCCUPATIONAL MEDICINE

LIMITED APPLICABILITY. CHPRC obtains occupational medicine services as a government furnished service through another DOE-RL contracted organization and their subcontractors. At Hanford, the Occupational Medical Service Provider (OMSP) is responsible to establish an 851 Appendix A, subparagraph 8, compliant and comprehensive occupational medicine program for workers employed at CHPRC that work on a DOE site for more than 30 days in a 12-month period or are enrolled for any length of time in a required medical or exposure monitoring program.

All CHPRC employees, contractors and their lower tiered on-site subcontractors are to use the OMSP for medical services including medical examinations, first aid treatment, employee assistance program, and return to work evaluations. See Appendix C for further discussion. HFD provides ambulance service for urgent situations requiring care and transport.

CHPRC provides the OMSP access to hazard information by promoting adequate communication, coordination and sharing among operating and safety organizations. CHPRC provides access to current information about actual or potential work-related hazards, employee job tasks, hazard analysis information, actual or potential worksite exposures and employee essential job functions.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

CHPRC provides the OMSP access to the workplace for evaluation of job conditions and issues relating to worker's health. CHPRC provides the opportunity and have established a forum for OMSP staff to participate in worker safety and health team meetings and committees. Workplace evaluations and meetings include the Presidents' Zero Accident Council (PZAC), case management meetings, emergency preparedness planning, and project-specific wellness and injury reduction activities.

Under the OMSP's management, employee medical, psychological, and Employee Assistance Program (EAP), records are kept confidential and protected. Access to medical records is provided in accordance with DOE regulations implementing the Privacy Act and the *Energy Employees Occupational Illness Compensations Program Act*.

9.0 MOTOR VEHICLE SAFETY

APPLICABLE. CHPRC complies with 10 CFR 851.23 mandated occupational safety laws, codes, standards, and regulations relating to motor vehicle safety. Appendix B, *851 Implementation Matrix* identifies applicable requirements and implementation processes.

10.0 ELECTRICAL SAFETY

APPLICABLE. CHPRC complies with 851.23 mandated safety laws, codes, standards, and regulations relating to maintenance and operation of an electrical safety program. CHPRC and DOE-RL have established a process within the CHPRC to identify an Authority Having Jurisdiction (AHJ) for the NFPA Electrical Standards, NFPA-70, *National Electric Code*, for design and installation; and an AHJ for NFPA-70E, *Standard for Electrical Safety in the Workplace*, electrical safe work practices. Both AHJ have authority for interpretations and equivalencies in regards to the NFPA-70 and the NFPA-70E. The AHJ is identified to DOE-RL outside of the WSHP under a separate letter. Interpretations for safe electrical design and installation are kept by the Hanford Electrical Codes Board. Board interpretations for safe electrical work practices are kept by the Hanford Workplace Electrical Safety Board. Any variances or exemptions pursued in the future that are beyond the AHJ's scope and authority, as defined in National Electrical Code (NEC) or other NFPA documents, will be pursued through CHPRC Prime Contracts and managed as exemptions or variances to DOE requirements. Specific implementation methods are identified in Appendix B, *851 Implementation Matrix*.

11.0 NANOTECHNOLOGY SAFETY (RESERVED)

No information is provided as the Rule has "Reserved" this section for future use.

12.0 WORKPLACE VIOLENCE PREVENTION (RESERVED)

No information is provided as the Rule has "Reserved" this section for future use.

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Appendix B - 851 Implementation Matrix

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
851.20	Management responsibilities and worker rights and responsibilities		
851.20(a)	Management responsibilities	PRC-MP-MS-19361	<i>CHPRC Project Execution Plan</i>
		PRC-MP-EP-40220	<i>Environmental Program and Strategic Planning Roles, Responsibilities, and Functions</i>
		PRC-MP-QA-599	<i>Quality Assurance Program</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
		PRC-MP-TQ-011	<i>CHPRC Qualification and Training Plan</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		PRC-PRO-AC-40471	<i>Contract Labor Resources</i>
		PRC-PRO-AC-40493	<i>Contracting for Construction or Fabrication</i>
		PRC-PRO-AC-40496	<i>Managed Task Services</i>
851.20(a)(1)	Establish policy, goals, and objectives	PRC-POL-SH-5053	<i>CHPRC Safety, Health Security, Quality, and Environmental Policy</i>
		PRC-MP-MS-003	<i>ISMS/Environmental Management System Description (ISMSD)</i>
		PRC-MP-MS-19361	<i>CHPRC Project Execution Plan</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
851.20(a)(2)	Use qualified staff	PRC-PRO-HR-021	<i>Staffing</i>
		PRC-MP-MS-003	<i>ISMS/ISMSD</i>
		PRC-POL-TQ-11337	<i>Employee Training</i>
		Special Provision SP-5	<i>On Site Services</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		PRC-MP-TQ-011	<i>CHPRC Qualification and Training Plan</i>
851.20(a)(3)	Hold personnel accountable	PRC-PRO-HR-033	<i>Employee Discipline</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		PRC-PRO-HR-050	<i>Managing Employee Performance</i>
851.20(a)(4)	Involve workers	PRC-POL-SH-5053	<i>CHPRC Safety, Health, Security, Quality and Environmental Policy</i>
		PRC-MP-MS-003	<i>ISMS/ISMSD</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		PRC-CHRT-SH-9982	<i>President's Zero Accident Council</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.20(a)(5)	Provide workers access to information	PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
851.20(a)(6)	Establish procedures for worker reporting	DOE-0343	<i>Stop Work</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		DOE-0400	<i>Hanford Site-Wide Employee Concerns Program</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		PRC-CHRT-SH-9982	<i>President's Zero Accident Council</i>
		PRC-CHRT-SH-40512	<i>Employee Zero Accident Council</i>
851.20(a)(7)	Respond promptly to worker reports	DOE-0343	<i>Stop Work</i>
		DOE-0400	<i>Hanford Site-Wide Employee Concerns Program</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
851.20(a)(8)	Communicate regularly with workers	PRC-PRO-SH-40461	<i>Safety Communications</i>
		PRC-CHRT-SH-9982	<i>President's Zero Accident Council</i>
		PRC-CHRT-SH-40512	<i>Employee Zero Accident Council</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		Special Provision SP-5	<i>On Site Services</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
851.20(a)(9)	Establish stop work procedures	DOE-0400	<i>Hanford Site-Wide Employee Concerns Program</i>
		DOE-0343	<i>Stop Work</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
		Special Provision SP-5	<i>On Site Services</i>
851.20(a)(10)	Inform workers of their rights	PRC-PRO-SH-40461	<i>Safety Communications</i>
		Course: 000006	<i>CHPRC - General Employee Training (CGET)</i>
851.20(b)	Worker rights and responsibilities	PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		PRC-POL-SH-5053	<i>CHPRC Safety, Health, Security, Quality, and Environmental Policy</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.20(b)(1)	Participate in activities on official time	PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		2013 Labor Agreement	<i>2013 Labor Agreement between CH2M HILL Plateau Remediation Company (CHPRC) and Hanford Atomic Metal Trades Council (HAMTC), AFL-CIO</i>
851.20(b)(2)	Have access to safety and health documents	CHPRC Intranet Site Map	<i>Electronic Library/DOE RL Directives</i>
		www.hss.energy.gov	<i>DOE-HQ Office of Health, Safety and Security</i>
		CHPRC Virtual Manual (OS&IH)	<i>Occupational Safety & Health Intranet Web Page</i>
		Intranet Site - Automated Job Hazards Analysis (AJHA)	<i>Automated Job Hazards Analysis</i>
		PRC-PRO-SH-40461	<i>Safety Communications</i>
851.20(b)(3)	Be notified of overexposures	PRC-PRO-SH-409	<i>Industrial Hygiene Monitoring, Reporting and Records Management</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
851.20(b)(4)		PRC-PRO-SH-40461	<i>Safety Communications</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
	Observe monitoring	PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
851.20(b)(5)	Accompany DOE officials on inspections		
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		2013 Labor Agreement	<i>2013 Labor Agreement between CH2M HILL Plateau Remediation Company (CHPRC) and Hanford Atomic Metal Trades Council (HAMTC), AFL-CIO</i>
851.20(b)(6)	Request results of inspections and investigations	PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
851.20(b)(7)	Express concerns related to H&S	DOE-0400	<i>Hanford Site-Wide Employee Concerns Program</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		Special Provision SP-5	<i>On Site Services</i>
851.20(b)(8)	Decline tasks posing imminent danger	DOE-0343	<i>Stop Work</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
851.20(b)(9)	Stop imminently dangerous work	DOE-0343	<i>Stop Work</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		Special Provision SP-5	<i>On Site Services</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.21	Hazard identification and assessment		
851.21(a)	Establish procedures to identify hazards and assess risks	PRC-MP-MS-003	<i>ISMS/ISMDS</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
		PRC-PRO-SH-40410	<i>Hazard Communication Program</i>
		DOE-0342	<i>Hanford Site Chronic Beryllium Disease Prevention Program (CBDPP)</i>
		MSC-RD-8589	<i>Hanford Fire Marshal Permits</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		PRC-PRO-SH-17916	<i>Industrial Hygiene Exposure Assessments</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.21(a)(1)	Assess workers exposures	PRC-STD-SH-40518	<i>Personal Protection</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-SH-409	<i>Industrial Hygiene Monitoring, Reporting and Records Management</i>
		PRC-PRO-SH-17916	<i>Industrial Hygiene Exposure Assessments</i>
		PRC-MP-QA-599	<i>Quality Assurance Program Description</i>
851.21(a)(2)	Document hazard assessment	PRC-PRO-SH-409	<i>Industrial Hygiene Monitoring, Reporting and Records Management</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
		PRC-PRO-SH-52755	<i>Employee Job Task Analysis</i>
		PRC-PRO-SH-17916	<i>Industrial Hygiene Exposure Assessments</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		MSC-RD-8589	<i>Hanford Fire Marshal Permits</i>
		DOE-0359	<i>Hanford Site Electrical Safety Program (HSESP)</i>
851.21(a)(3)	Record results	PRC-PRO-SH-409	<i>Industrial Hygiene Monitoring, Reporting and Records Management</i>
851.21(a)(4)	Analyze designs for potential hazards	PRC-STD-FP-40404	<i>Fire Protection Program</i>
		PRC-RD-EN-1819	<i>CHPRC Engineering Requirements</i>
851.21(a)(5)	Evaluate operations, procedures, and facilities	PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-EN-2001	<i>Facility Modification Package Process</i>
		PRC-PRO-WKM-40004	<i>Hazard Review Board</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		PRC-PRO-SH-17916	<i>Industrial Hygiene Exposure Assessments</i>
851.21(a)(6)	Perform activity-level hazard analysis	PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
		DOE-0359	<i>Hanford Site Electrical Safety Program (HSESP)</i>
851.21(a)(7)	Review safety and health experience	PRC-PRO-MS-067	<i>Lessons Learned</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-SH-40461	<i>Safety Communications</i>
		PRC-CHRT-MS-40017	<i>Safety Analysis Center Charter</i>
		PRC-CHRT-SH-9982	<i>President's Zero Accident Councils</i>
		PRC-CHRT-SH-40512	<i>Employee Zero Accident Council</i>
851.21(a)(8)	Consider interaction with other hazards, such as radiological hazards	PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
851.21 (b)	Submit list of closure facility hazards to Head of DOE Field Element	Letter: CHPRC-080086A R1, Transmittal of 10 CFR 851 "Worker Safety and Health Program Description", attachment 3	<i>CHPRC Closure Facilities with Closure Facility Hazards List</i>
		PRC-PRO-SH-32621	<i>Closure Facility Hazard</i>
851.21 (c)	Obtain baseline	PRC-STD-FP-40404	<i>Fire Protection Program</i>
		PRC-PRO-SH-17916	<i>Industrial Hygiene Exposure Assessments</i>
		PRC-PRO-SH-40499	<i>Safety and Health Inspections</i>
851.22	Hazard prevention and abatement		
851.22(a)	Establish and implement a hazard prevention and	PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-SH-40516	<i>Chemical Management Program</i>
		PRC-PRO-SH-40499	<i>Safety and Health Inspections</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
	abatement process	PRC-PRO-FP-40421	<i>Hot Work</i>
		PRC-CHRT-SH-9982	<i>President's Zero Accident Council</i>
		PRC-STD-FP-40404	<i>Fire Protection Program</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.22(a)(1)	Incorporate controls into facility designs and procedure	PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
		PRC-RD-EN-1819	<i>CHPRC Engineering Requirements</i>
		PRC-PRO-EN-2001	<i>Facility Modification Package Process</i>
851.22(a)(2)	Prioritize abatement actions according to worker risks	PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
		PRC-POL-SH-5053	<i>CHPRC Safety, Health, Security, Quality, and Environmental Policy</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.22(b)	Select hazard controls based on standard hierarchy of controls	PRC-MP-MS-003	<i>ISMS/ISMDS</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
		PRC-PRO-SH-40410	<i>Hazard Communication Program</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.22(b)(1)	Substitution of the hazard	PRC-MP-MS-003	<i>ISMS/ISMDS</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-SH-40410	<i>Hazard Communication Program</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
851.22(b)(2)	Engineering controls	PRC-RD-EN-1819	<i>CHPRC Engineering Requirements</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
		PRC-MP-MS-003	<i>ISMS/ISMDS</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
851.22(b)(3)		PRC-PRO-SH-40410	<i>Hazard Communication Program</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
	Work practices and administrative	PRC-MP-MS-003	<i>ISMS/ISMSD</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
851.22(b)(4)	Personal protective equipment	PRC-MP-MS-003	<i>ISMS/ISMSD</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
		DOE-0352	<i>Hanford Site Respiratory Protection Program (HSRPP)</i>
		DOE-0359	<i>Hanford Site Electrical Safety Program (HSESP)</i>
851.22(c)	Address hazards when selecting or purchasing equipment, products, or services	DOE-0352	<i>Hanford Site Respiratory Protection Program (HSRPP)</i>
		PRC-PRO-AC-40478	<i>Procurement of Materials</i>
		PRC-PRO-AC-40471	<i>Contract Labor Resources</i>
		PRC-PRO-AC-40493	<i>Contracting for Construction or Fabrication</i>
		PRC-PRO-AC-40496	<i>Managed Task Services</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
		Special Provision SP-5	<i>On Site Services</i>
851.23	Workplace safety and health standards		
851.23(a)& (b)	Comply with standards applicable to hazards in their workplaces	PRC-MP-MS-003	<i>ISMS/ISMSD</i>
		MSC-MP-41080	<i>Hanford Integrated Standards Management Plan</i>
		PRC-PRO-SH-409	<i>Industrial Hygiene Monitoring, Reporting and Records Management</i>
		DOE-0359	<i>Hanford Site Electrical Safety Program (HSESP)</i>
		DOE-0352	<i>Hanford Site Respiratory Protection Program (HSRPP)</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		PRC-MP-TQ-011	<i>CHPRC Qualification and Training Plan</i>
		PRC-PRO-SH-7085	<i>Safety Responsibilities</i>
		DOE-0342	<i>Hanford Site Chronic Beryllium Disease Prevention Program (CBDPP)</i>
		PRC-PRO-SH-077	<i>Reporting, Investigating, and Managing Health, Safety and Property/Vehicle Events</i>
		Special Provision SP-5	<i>On Site Services</i>
851.24	Functional areas		
		PRC-PRO-WKM-12115	<i>Work Management</i>
		PRC-MP-MS-003	<i>ISMS/ISMDS</i>
		PRC Procedure System	<i>Virtual Manuals- Occupational Safety & Health, Fire Protection, Construction, Safeguards and Security, Training and Qualification, Work Management and Employee Concerns.</i>
		DOE-0336	<i>Hanford Site Lockout/Tagout</i>
		DOE-0359	<i>Hanford Site Electrical Safety Program</i>
		DOE-RL-92-36	<i>Hanford Site Hoisting and Rigging Manual</i>
851.25	Training and information		
		PRC-POL-TQ-11337	<i>Employee Training</i>
		PRC-MP-TQ-011	<i>CH2M HILL Plateau Qualification and Training Plan</i>
		PRC-PRO-TQ-40164	<i>Personnel Training and Qualification</i>
		PRC-PRO-TQ-164	<i>Integrated Training Electronic Matrix</i>
		PRC-PRO-SH-52755	<i>Employee Job Task Analysis</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		PRC-PRO-SH-40498	<i>Occupational Lead Exposure Control</i>
		PRC-PRO-SH-40479	<i>Occupational Noise Exposure and Hearing Conservation</i>
		DOE-0352	<i>Hanford Site Respiratory Protection Program</i>
		DOE-0342	<i>Hanford Site Chronic Beryllium Disease Prevention Program</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.25 (b)(1)	Provide training for new workers before or at the time of initial assignment	PRC-PRO-TQ-164	<i>Integrated Training Electronic Matrix</i>
		PRC-PRO-TQ-40164	<i>Personnel Training and Qualification</i>
851.25 (b)(2)	Provide periodic training as needed	PRC-PRO-TQ-40164	<i>Personnel Training and Qualification</i>
851.25 (b)(3)	Provide training about new hazards	SDD J3-18	<i>Site Training Services/HAMMER</i>
		PRC-PRO-TQ-164	<i>Integrated Training Electronic Matrix</i>
		PRC-PRO-SH-52755	<i>Employee Job Task Analysis</i>
		PRC-PRO-TQ-40164	<i>Personnel Training and Qualification</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
851.25 (c)	Train workers who have safety & health program responsibilities	PRC-PRO-TQ-40164	<i>Personnel Training and Qualification</i>
		PRC-STD-TQ-40369	<i>Occupational Safety and Industrial Hygiene Training Program Description</i>
		Special Provision SP-5	<i>On Site Services</i>
851.26	Recordkeeping and reporting		

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
851.26 (a)(1)	Establish and maintain complete safety and health records	SDD J3-67	<i>Federal Records Inventory and Schedule Mgmt.</i>
		PRC-PRO-SH-40499	<i>Safety and Health Inspections</i>
		PRC-PRO-SH-409	<i>Industrial Hygiene Monitoring, Reporting and Records Management</i>
		PRC-PRO-SH-40479	<i>Occupational Noise Exposure and Hearing Conservation</i>
		PRC-PRO-IRM-10588	<i>Records Management Processes</i>
851.26 (a)(2)	Record and report injuries and illnesses accurately	PRC-PRO-SH-077	<i>Reporting, Investigating, and Managing Health, Safety and Property/Vehicle Events</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
		Special Provision SP-5	<i>On Site Services</i>
851.26 (a)(3)	Comply with all applicable recordkeeping requirements	PRC-PRO-SH-077	<i>Reporting, Investigating, and Managing Health, Safety and Property/Vehicle Events</i>
		PRC-PRO-SH-52755	<i>Employee Job Task Analysis</i>
851.26 (b)(1)	Report and investigate accidents, injuries and illness	PRC-PRO-SH-077	<i>Reporting, Investigating, and Managing Health, Safety and Property/Vehicle Events</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
851.26 (b)(2)	Analyze related data for trends and lessons learned	PRC-PRO-QA-24741	<i>Performance Analysis Process</i>
		PRC-CHRT-MS-40017	<i>Safety Analysis Center Charter</i>
		PRC-PRO-QA-052	<i>Issues Management</i>
851.27 (b)(1-10)	Reference Sources	PRC-RD-EN-1819	<i>CHPRC Engineering Requirements</i>
		PRC-STD-FP-40404	<i>Fire Protection Program</i>
		DOE-0359	<i>Hanford Site Electrical Safety Program (HSESP)</i>
		PRC-PRO-EM-060	<i>Reporting Occurrences and Processing Operations Information</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		Special Provision SP-5	<i>On Site Services</i>
1	Construction Safety	PRC-PRO-CN-14990	<i>Construction Management</i>
		PRC-PRO-WKM-079	<i>Job Hazard Analysis</i>
		PRC-PRO-SH-40078	<i>Contract Safety Processes</i>
		PRC-PRO-WKM-12115	<i>Work Management</i>
2	Fire Protection	SDD J3-19	<i>Fire and Emergency Response Services</i>
		SDD J3-20	<i>Fire & Emergency Response Services – System Maintenance</i>
		MSC-RD-8589	<i>Hanford Fire Marshal Permits</i>
		PRC-STD-FP-40404	<i>Fire Protection Program</i>
		PRC-PRO-EM-7647	<i>Emergency Preparedness Program Requirements</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
3	Explosives Safety	PRC-STD-FP-40404	<i>Fire Protection Program</i>
		MSC-RD-11227	<i>Use of Explosives on the Hanford Site</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
4	Pressure Safety	PRC-STD-EN-52736	<i>Design, Inspection, Testing and Repair of ASME-Coded Pressure Systems and Safety Relief Devices</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
5	Firearms Safety	PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
6	Industrial Hygiene	PRC-PRO-PM-24889	<i>Project Initiation and Execution</i>
		PRC-PRO-SH-409	<i>Industrial Hygiene Monitoring, Reporting and Records Management</i>
		PRC-PRO-SH-40469	<i>Occupational Carcinogen Control</i>
		PRC-PRO-SH-52755	<i>Employee Job Task Analysis</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
		PRC-PRO-SH-40479	<i>Occupational Noise Exposure and Hearing Conservation</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		PRC-PRO-SH-17916	<i>Industrial Hygiene Exposure Assessments</i>
		DOE-0352	<i>Hanford Site Respiratory Protection Program</i>
		DOE-0342	<i>Hanford Site Chronic Beryllium Disease Prevention Program</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
7	Biological Safety	PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
8	Occupational Medicine	DOE-0352	<i>Hanford Site Respiratory Protection Program</i>
		MOA-HPMC-CHPRC-2013	<i>MOA between the HPMC OMS and CHPRC</i>
		PRC-PRO-SH-52755	<i>Employee Job Task Analysis</i>
		PRC-PRO-HR-021	<i>Staffing</i>
		PRC-PRO-HR-035	<i>Termination of Employment,</i>
		DOE-0342	<i>Hanford Site Chronic Beryllium Disease Prevention Program</i>
		PRC-PRO-HR-073	<i>Personal Time Bank and Other Absences</i>
		PRC-PRO-HR-048	<i>Reasonable Accommodations to Work Restrictions</i>
		PRC-PRO-SH-077	<i>Reporting, Investigating, and Managing Health, Safety and Property/Vehicle Events</i>
		PRC-PRO-HR-042	<i>Fitness for Duty</i>
		PRC-STD-FP-40404	<i>Fire Protection Program</i>
		PRC-PRO-SH-40479	<i>Occupational Noise Exposure and Hearing Conservation</i>
PRC-PRO-HR-693	<i>Return to Work from Personal Medical-Related Absence or Other Leave of Absence</i>		

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		CHPRC Prime Contract	<i>Interface Matrix - OMSP</i>
		Special Provision SP-5	<i>On Site Services</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
9	Motor Vehicle Safety	PRC-PRO-SH-40473	<i>Motor Vehicles, Heavy Equipment and Bicycles</i>
		MSC-RD-27562	<i>Commercial Driver License Holder's Drug & Alcohol Testing Requirements</i>
		MSC-PRO-37561	<i>Department of Transportation Federal Motor Carrier Requirements for Personnel</i>
		PRC-PRO-TP-166	<i>Transportation and Packaging Training</i>
		SDD J3-37	<i>Motor Carrier Services</i>
		SDD J3-39	<i>Railroad Services</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
10	Electrical Safety	DOE-0359	<i>Hanford Site Electrical Safety Program</i>
		PRC-STD-SH-40518	<i>Personal Protection</i>
		DOE-0336	<i>Hanford Site Lockout/Tagout</i>
		SDD J3-41	<i>Electrical Transmission, Distribution, & Energy Mgmt</i>
		PRC-PRO-SH-40078	<i>Contractor Safety Processes</i>
11	Nanotechnology Safety - Reserved	N/A	
12	Workplace Violence Prevention - Reserved	N/A	
All	All re: RCCC Scope Transition	WCH-4, Appendix H	<i>Worker Safety and Health Program (10 CFR 851)</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Rule Section		CHPRC Management System Documents/Process	
Section Number	Section Subject	Document Number (Current revision)	Document Title[i]
		WCH-4, Appendix J	<i>RCCC Subcontractor Worker Safety and Health Program Plan (10 CFR 851)</i>

10 CFR 851 CHPRC Worker Safety and Health Program Description

Published Date: 05/31/16

Effective Date: 05/31/16

Appendix C - Contractor Safety and Health

The 10 CFR 851, *CHPRC Worker Safety and Health Program Description*, covers CHPRC contracted work scope at any tier based upon the nature and duration of the work performed.

10 CFR 851, the Rule, applies to all construction work and services such as consultant, professional services, staff augmentation, etc. that is in the furtherance of the DOE mission.

10 CFR 851 does not apply to vendors or suppliers coming into CHPRC workspaces who do not have service contracts and who engage in no more than incidental work related to delivery, installation or repair of the products provided.

10 CFR 851 occupational medicine requirements apply to CHPRC contracted work scope at any tier if they are conducting CHPRC work scope on the Hanford Site.

CHPRC uses standard terms and conditions to flow down the applicable requirements of the CHPRC Worker Safety and Health Program. These requirements are specifically embedded in the SP-5 *On-Site Services* and PRC-PRO-AC-40471, *Contract Labor Resources*, Section 3.0 and 6.0. These terms and conditions reflect requirements consistent with the Rule, Subpart C. The standard terms and conditions are contractually binding and delineate corporate and personnel safety roles and responsibilities of CHPRC contractor at all tiers.

CHPRC has processes and procedures to screen contract Request for Proposal submittals to evaluate safety attributes (i.e. injury rates, Workers Compensation Experience Modification Rate, and OSHA Inspection history) and ensure the hazards associated with the contracted activity are properly addressed and meet the Rule's requirements. Depending on the scope of work and its complexity, offerors may be required to submit a safety plan for a specific hazard or activity which will then be reviewed and approved as part of the contracting process.

CHPRC monitors the winning offerors compliance with the worker safety and health program through routine safety inspections and reporting and tracking systems for non-compliance issues. These processes include contractor and contractor employee involvement. Safety and health non-compliance issues that cannot be immediately corrected are placed in a safe configuration until the issues can be resolved and corrective actions implemented.