

Personnel Training Requirements

Nuclear Secured / Radiation Safety

NS-RS-PR-101, 0

Date Effective: 01 August 2019

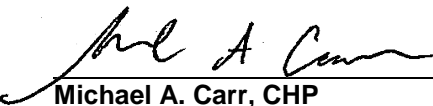
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History and Approvals

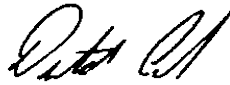
History

Revision	Intent Y/N	Purpose description
0	Y	For Issue (Rebranded CS-RS-PR-003)

Approvals

Preparer:  8/5/2019
 Michael A. Carr, CHP
 Radiation Safety Officer Date

Reviewer:  8/8/2019
 Annette White, MS, CIH
 Industrial Hygiene Program Manager Date

Approver:  8/14/2019
 Dutch Conrad
 Senior Vice President Field and Staffing Services Date

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1. Purpose and Scope

1.1. Purpose

The purpose of this procedure is to specify the general training requirements for field project personnel and subcontractors operating under the Nuclear Secured (NS) Radiation Protection Program (RPP). Any site-specific training requirements should be specified in the project work plans or other project specific documentation.

1.2. Scope

This procedure applies to all field project personnel entering a restricted or controlled area at temporary job sites where NS has implemented the NS RPP. Any person entering an area under NS control or that may have incidental contact with licensed materials shall have the appropriate training commensurate to their job responsibilities and job hazards. This includes the following training as applicable:

- General Employee Radiation Training (GERT)
- Radiation Worker (RW-I)
- Respiratory Protection (RW-II)
- Authorized User (AU) of the license
- Radiation Protection Supervisor (RPS)
- DOT Hazmat Subpart H
- Pre-Natal Radiation Exposure Instruction, and
- Site Specific Training

Training may be waived on a case by case basis, as approved by the Radiation Safety Officer (RSO), provided the individual has had a general radiological safety briefing by the RPS and is assigned a full-time escort; however, access to a contaminated area or high radiation area will not be permitted without the necessary training.

2. References

- 2.1. 10CFR19, *Notices, Instructions and Reports to Workers: Inspection and Investigation.*
- 2.2. 10CFR20, *Standards for Protection Against Radiation.*
- 2.3. US NRC Regulatory Guide 8.13, *Instruction Concerning Prenatal Radiation Exposure*
- 2.4. US NRC Regulatory Guide 8.15, *Acceptable Programs for Respiratory Protection*

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- 2.5. US NRC Regulatory Guide 8.29, *Instruction Concerning Risks from Occupational Radiation Exposure*
- 2.6. NS-RS-PG-001, *Radiation Protection Program*
- 2.7. NS-RS-PR-002, *Respiratory Protection Program*
- 2.8. NS-RS-PR-102, *Project Records Management*

3. General

3.1. Definitions

- 3.1.1. *Authorized User (AU)* – A designated NS employee who has adequate training and experience to use, possess, or provide services involving radioactive materials controlled under the NS radioactive materials license.
- 3.1.2. *Controlled Area* - An area, outside of a restricted area but inside the site boundary, to which access can be limited by the licensee for any reason.
- 3.1.3. *General Employee Radiation Training (GERT)* – Basic radiation training, procedure familiarization and orientation conducted for project personnel working on projects involving radioactive materials but are not considered radiation workers.
- 3.1.4. *Practical Factors* – An adequate physical demonstration on the use of required personnel protective equipment (PPE) including donning and doffing protocols, as well as an oral demonstration/understanding of radiation protection principals and procedures as it pertains to situational conditions.
- 3.1.5. *Radiation Worker I (RW-I)* – A person who has adequate radiation safety training and experience to be assigned duties involving exposure to radiation and/or radioactive material where, in the course of their employment, they are likely to receive in a year an occupational dose of radiation greater than 100 millirem (mrem) [1 millisievert (mSv)].
- 3.1.6. *Radiation Worker II (RW-II)* – A radiation worker (RW-I) who has adequate respiratory protection training to be allowed to wear respiratory protection.
- 3.1.7. *Radiation Protection Supervisor (RPS)* – A designated NS employee who has the adequate applied health physics experience and familiarity with the NS RPP and implementation procedures.
- 3.1.8. *Restricted Area* – An area to which access is limited and controlled by the licensee for the purpose of protecting individuals against an undue risk from exposure to radiation and radioactive materials or other hazards.

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- 3.1.9. *Training* – Instructions provided to personnel that are required to safely perform their duties in a regulatory and procedurally complaint manner. Training may be self-study, on-line study, classroom instruction, demonstration or a combination thereof.

3.2. Responsibilities

Depending on personnel qualifications and the size of the project, project personnel may be assigned multiple roles and/or responsibilities.

3.2.1. NS Radiation Safety Officer

The NS Radiation Safety Officer (RSO) maintains and oversees the implementation of the NS RPP. The RSO shall ensure that radiation safety, radioactive materials management, and radiological operations procedures and programs are kept up to date such that they comply with current regulations and incorporate current and relevant industry practices and regulatory guidance.

3.2.2. Project Manager

The Project Manager (PM) is responsible for ensuring that the proper program procedures and programs are implemented on the project site as required by applicable regulations and customer agreements and contracts. The PM is responsible for ensuring that these programs and procedures are properly incorporated into project specific plans and procedures. The PM is responsible for ensuring that the NS RPP and client programs and procedures, as applicable, are available for use by project personnel and that project personnel receive the necessary training.

3.2.3. Project Health Physicist

The Project Health Physicist (PHP) is responsible for assisting the RSO in providing health physics support to the PM and Radiation Protection Supervisor (RPS). This includes technical support to ensure procedural and regulatory compliance and to ensure that the project-specific Data Quality Objectives (DQOs) are met.

3.2.4. Radiation Protection Supervisor

The Radiation Protection Supervisor (RPS) is responsible for implementing the NS RPP at the project location. The RPS manages and oversees the project personnel in regards to radiation and respiratory protection and reports directly to both the PM and the RSO. The RPS is also responsible for coordinating with the PM to ensure the proper training is provide to project personnel and that it is maintained current.

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3.2.5. Project Personnel

All project personnel are responsible for safety at the project site including radiation safety and have the responsibility for maintaining exposures to themselves and their peers ALARA. Each individual also has the responsibility to ensure they have the proper training prior to entering a controlled or restricted area and that their training is current.

3.3. Precautions and Limitations

- 3.3.1. The training as outlined in this procedure is project specific and not transferrable to other projects unless approved by the RSO. Where programmatic training is credited (e.g., DOT Broker, DOE Rad Worker, etc), it will be supplemented by project specific training including but not limited to required reading such as project specific procedures and work plans, site specific hazards, etc.
- 3.3.2. Training completed within the past 12 months at a different project may be reviewed and approved for qualification purposes by the RSO based on the project and client requirements.
- 3.3.3. Re-training may be necessary whenever there is a significant change in assigned work duties, operating conditions, change in regulations, or following any radiological incident or event.
- 3.3.4. Re-training may be required for the correction of deficiencies in an employee's job performance.
- 3.3.5. A grace period of 30 days may be granted to allow for refresher training depending on scheduling; however, there will be no grace period for medical examinations for the use of respiratory protection as specified in NS-RS-PR-002, *Respiratory Protection Program*.

4. Pre-Requisites / Requirements

- 4.1. Training shall be commensurate for the work activities that the individual may perform and the hazards to which they may be exposed.
- 4.2. Training shall be administered to personnel prior to performing project activities which directly handle radioactive materials and prior to entering any restricted area as applicable.
- 4.3. Refresher training shall be required annually unless otherwise specified.
- 4.4. Radiation Worker training is required for non-escort access to a radiologically posted or Restricted Area.
- 4.5. General employee radiation training (GERT) shall be required for non-escort access to the general site. Access may be granted to radiologically posted or Restricted Areas as approved

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by the RPS or RSO on a case by case basis provide the individual is escorted by qualified personnel.

- 4.6. Project radiation safety training records shall be maintained with the project files by the Project Manager or RSO as applicable until the project records are dispositioned in accordance with NS-RS-PR-102, *Project Records Management* for record keeping and maintenance.
- 4.7. Training (i.e., specialty qualifications) shall be submitted for maintenance with the individuals corporate training records as applicable.

5. Procedure

5.1. General Employee Radiation Training (GERT)

- 5.1.1. GERT shall be performed for all non-radiation worker personnel and visitors who may have incidental contact or work in the general vicinity with radioactive materials.
- 5.1.2. GERT shall consist of general awareness training including:
 - General radiation fundamentals and risks
 - Identification of radiologically posted or restricted areas
 - Area postings and access requirements
 - Personnel monitoring and exposure limits
 - ALARA principles including time, distance and shielding
 - RAM controls
- 5.1.3. Document GERT training using Attachment 7.1

5.2. Radiation Worker (RW-I)

- 5.2.1. Initial Radiation Worker (RW-I) training shall consist of classroom lecture or self-study, written exam and practical factors demonstration.
- 5.2.2. RW-I training may be tailored, as necessary, by the RPS and as approved by the RSO for the particular project or work tasks to be performed and the radiological hazards present.
- 5.2.3. RW-I training shall cover the topics as provided in Attachment 7.2.
- 5.2.4. RW-I training shall be evaluated through a written exam to test the employee's general knowledge of the topics covered by the training with a passing grade of at least 80%.

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- 5.2.5. Each individual shall review their graded exam and review any missed questions. Once complete, the individual and the exam administrator shall sign and date the exam.
- 5.2.6. Practical factor training shall be evaluated through the proficient demonstration of the following as applicable.
- Properly review the radiation work permit (RWP and understand the PPE and monitoring requirements.
 - Proper selection and inspection of PPE,
 - Properly don and doff PPE,
 - Properly wear dosimetry (SRD and/or TLD).
 - Demonstrate the proper frisking techniques.
 - Demonstrate the proper response to alarms, emergencies and situational conditions such as a radiological spill, medical emergency, security breach or observed/unplanned release.
- 5.2.7. Radiation Worker training shall be documented using the form provided in Attachment 7.3, or equivalent.

5.3. Respiratory Protection (RW-II)

- 5.3.1. All individuals shall have RW-I training in order to receive respiratory protection training for radiological hazards.
- 5.3.2. Personnel shall be medically cleared prior to fit-testing and donning any respirator.
- 5.3.3. All personnel who are required to use respiratory protection while conducting radiological work shall be trained to the following in accordance with NS-RS-PR-002, *Respiratory Protection Program*:
- Types of respiratory protection equipment and protection factors (APR, PAPR, Supplied Air, SCBA)
 - Proper selection of respiratory protection equipment and usage
 - Fit testing requirements
 - Properly inspecting equipment including filters, gaskets, inhalation and exhalation valves, straps, face to facepiece seal, etc.
 - Personnel grooming
 - Donning the respirator
 - Positive and negative pressure leak tests
 - Doffing the respirator

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- Cleaning, maintenance and storage, and
- Emergency relief from respiratory protection

5.3.4. Practical Factor training shall be evaluated through the proficient demonstration of the use of respiratory protection.

5.3.5. Respiratory protection training shall be documented using the form provided in Attachment 7.4, or equivalent.

5.4. Authorized user

5.4.1. Prospective AUs of the NS RML shall be submitted to the RSO and RSC along with a copy of their resume to properly assess their qualifications and experience.

5.4.2. All AUs shall receive approval by the NS RSC.

5.4.3. AU training shall be performed by the RSO or designee.

5.4.4. AU training shall include a review of the NS radioactive materials license and license conditions, covering the following:

- RML reciprocal recognition and advance notification requirements
- RML possession limits and inventories
- Authorized work tasks and uses under the RML
- Records maintenance
- Radioactive materials storage and security
- Regulatory notifications and postings
- General knowledge of the NS RPP

5.4.5. Refresher training shall be performed following any major revisions or amendments to the RML.

5.4.6. AU training shall be documented on Attachment 7.5, or equivalent.

5.5. Radiation Protection Supervisor

5.5.1. Prospective RPSs of the NS RPP shall be submitted to the RSO and RSC along with a copy of their resume to properly assess their qualifications and experience.

5.5.2. All RPSs shall receive approval by the NS RSC.

5.5.3. RPS training shall be performed by the RSO or designee.

5.5.4. RPS training shall include the following as it pertains to the NS RPP and procedures:

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- Authorized work tasks and uses under the RML
- Familiarity and understanding of the NS RPP and procedural requirements
- ALARA program and principles
- Personnel monitoring and air sampling
- Instrumentation
- Area postings and radioactive materials control
- Radiation Work Permits
- Contamination controls
- Radioactive materials storage and security
- Radiological surveys and materials release
- Respiratory Protection
- Records maintenance

5.5.5. RPS training shall be documented on Attachment 7.6, or equivalent

5.5.6. In addition to the RPS training record, each RPS shall review the applicable RPP implementing procedures for the field project they have been assigned and document their review and understanding of the procedures on a required reading record, Attachment 7.9.

5.5.7. Following any procedural revisions, each RPS shall review any revised procedures as applicable and document their review and understanding on a required reading record, Attachment 7.9.

5.6. DOT Hazmat Subpart H

5.6.1. All project personnel involved with any aspect of waste handling at the project site shall receive DOT Subpart H training. This may include but is not limited to the following:

- Waste container receipt and inspection
- Conforming and non-conforming waste
- Waste loading and handling
- Securing waste packaging
- Marking and labeling
- Waste shoring
- Waste shipping

5.6.2. DOT Subpart H training shall be commensurate with the specific work tasks that

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each individual is responsible to perform.

- 5.6.3. Training shall be designed to ensure the project waste will meet the disposal site WAC, ensure package integrity and conformance and that all DOT shipping requirements are met.
- 5.6.4. DOT Subpart H training as provided by NS shall be documented using the form provided in Attachment 7.7 or equivalent.

5.7. DOT Broker

- 5.7.1. Individuals responsible for preparing hazardous material shipments shall be qualified by experience and training to the Department of Transportation regulations (49CFR).
- 5.7.2. Broker training shall include qualification for domestic (DOT) and/or international (IATA / IMDG) transport in accordance with the applicable training requirements for:
 - 49 CFR§173.1(b) General Requirements
 - 49 CFR §172.704 Specific Training Requirements
 - 49 CFR §175.20 Modal Specific Training for Air Transport
 - 49 CFR §176.13 Modal Specific Training for Vessel Transport
 - 49 CFR §§177.800 and 177.816 Modal Specific Training for Highway Transport
- 5.7.3. Refresher training shall be performed every two years.

5.8. Pre-Natal Exposure Instruction

- 5.8.1. All female Radiation Workers shall receive instruction in the possible health risks to an unborn child if exposed to radiation during pregnancy. The RSO or designee shall give this instruction, normally at the time of Radiation Worker training or prior to the issuance of dosimetry.
- 5.8.2. All other female personnel who may come into i contact with radioactive materials while at the project site shall also have the instruction.
- 5.8.3. Pre-natal instruction shall be performed in accordance with US NRC Regulatory Guide 8.13, *Instruction Concerning Prenatal Radiation Exposure* and US NRC Regulatory Guide 8.29, *Instruction Concerning Risks from Occupational Radiation Exposure*.
- 5.8.4. After receiving the instruction, personnel are required to acknowledge their understanding by completing Attachment 7.8.

5.9. Site Specific Training

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5.9.1. Site specific training shall be performed to the following, depending on the Project requirements and documentation:

- Project Work Plans
- Health and Safety Plan
- Project Procedures
- RWPs
- Job Hazard Analyses

5.9.2. Site specific training may be performed either by Project Management instruction or self-study.

5.9.3. Site specific training shall be documented either by signing a document review or briefing form attached to the specific document or by completing a required reading form, Attachment 7.9 or equivalent.

5.10. Visitor

5.10.1. All site visitors shall be trained in accordance with Section 5.1.

5.10.2. Visitors may be exempt from training provided they are assigned a full-time escort; however, access to a CA or HRA will not be permitted without the necessary training.

5.11. Exemptions

5.11.1. Personnel may be exempt from training as approved by the RSO depending on qualification, experience and/or documented training from another facility or company. Examples may include:

- Regulatory personnel
- Certified Health Physicists
- Radiation Workers with current training from another facility

5.11.2. In order to recognize existing training records, a copy of any training outline, syllabus or training materials shall be provided and a verbal discussion of the material with the individual performed.

5.11.3. Depending on personnel experience and qualifications, personnel may challenge the training and take any test without the necessary training instruction.

5.11.4. No personnel are exempt from site specific training as specified in Section 5.9.

6. Records

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- 6.1. Lesson plans and presentations
- 6.2. Training records and certificates
- 6.3. Graded exams
- 6.4. Required reading

7. Appendices and Forms

- 7.1. GERT Briefing Sheet
- 7.2. Radiation Worker (RW-I) Training Outline
- 7.3. Radiation Worker (RW-I) Training Record
- 7.4. Respiratory Protection (RW-II) Training Record
- 7.5. Authorized User Training Record
- 7.6. Radiation Protection Supervisor Training Record
- 7.7. DOT Subpart H Training Record
- 7.8. Pre-Natal Exposure Instruction
- 7.9. Required Reading

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Attachment 7.1

GERT Briefing Sheet

I acknowledge that I have received general employee radiation training and understand the hazards as present on-site and have been provided general instruction as follows:

- Health hazards and relative risks from radiation exposure
- Federal and administrative exposure limits
- Identification of restricted areas
- Area postings and access requirements
- Personnel monitoring requirements
- ALARA principles (time / distance / shielding)
- Radioactive Materials controls

Name (Print)	Signature	ID ^a	Date

a ID may include employee number or last 4 digits of your social security number.

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Attachment 7.2**Radiation Worker (RW-I) Training Outline**

Radiation Fundamentals

- Ionizing and non-ionizing radiation
- Radiation / Radioactive Materials / Contamination
- Atomic Make-up
- Radiation emissions (alpha, beta, positron, gamma, neutron)
- Characteristics of emissions
- Radioactive decay and half-life

Units of Measure

- Exposure Rate and Dose
- Contamination
- Activity

Background Radiation

- Terrestrial
- Cosmic
- Man-made (Fall-out)
- Medical Exposure
- Manufactured items and consumables
- Quantify background

Contamination (Loose vs. Fixed)

- Definitions
- Contamination limits
- Contamination Controls
- PPE

Airborne Contamination

- Definition
- DAC
- Respiratory Protection
- Respiratory Protection requirements

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Radiation Exposure

- Exposure Limits (Federal and Administrative)
- Biological affects (Somatic / Genetic / Teratogenic; Stochastic vs. non-stochastic)
- Threshold and non-threshold models - Hormesis affect
- Radiosensitivity
- Pre-natal exposure
- Relative risks of occupational exposure
- Acute Exposure
- Chronic Exposure
- Shallow Dose – Skin Dose
- Lens of the Eye
- Deep Dose Equivalent (DDE) – Whole Body
- Committed Effective Dose Equivalent (CEDE) – Organ Dose
- Total Effective Dose Equivalent (TEDE) – Total Dose

ALARA Principle

- Time, distance, shielding
- Minimizing exposure

Personnel Monitoring

- TLDs, SRDs, EDs
- How to wear dosimetry
- How to read SRDs and EDs
- ED alarm setpoints
- Air Sampling (General Area, breathing zone, perimeter, CAMS)
- DAC-hr tracking (ALI, DAC, DAC-hr)
- Bioassay
- Public and non-occupational worker monitoring

Instrumentation and Detection

- Types of field instruments and uses
- Personnel frisking
- Lab Equipment (Gamma Spec, Liquid Scint, automated counters)
- MDA and MDC

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Personnel Protective Equipment

- Modesty clothing
- Protective clothing
- Face shields
- Respiratory protection equipment
- Level A, B, C, D

Radioactive Materials Control

- Types of Restricted Areas and definitions (CA, AA, RMA, RA, HRA, VHRA)
- Area Boundaries
- Area Postings
- Administrative controls
- Engineering controls
- Equipment and materials release

Emergency Procedures

- NS RPP Overview
- Policy Statement
- Programs
- Procedures

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Attachment 7.3

Radiation Worker (RW-I) Training Record

Radiation Worker Training Record		
Name:		Employee ID:
Classroom Instruction and Exam		
Radiological fundamentals Types of ionizing radiation and characteristics Background radiation Radiation Exposure and associated risks ALARA principles Time / distance / shielding Personnel Monitoring Personnel Protective Equipment	Work permits and procedures Instrumentation and detection Personnel frisking Radioactive Materials Control Emergency procedures and response NS RP program and procedures Equipment and materials release	
Exam Results:	Pass/Fail:	
Signature:		Date
Administrator:		Date
Practical Factors		
Testing Element	SAT / UNSAT / NA	
Demonstrated ability to understand the RWP and entry requirements		
Properly selected PPE per the RWP		
Properly inspected PPE		
Properly donned PPE		
Properly wears dosimetry		
Properly responds to situational condition: _____		
Demonstrated good Rad Work practices		
Properly doffs PPE		
Properly performed whole body frisk		
Signature:		Date
Administrator:		Date
RPS, PHP, or RSO:		Date

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Attachment 7.4

Respiratory Protection (RW-II) Training Record

Respiratory Protection Training Record	
Name:	Employee ID:
Medical Clearance	Date:
Classroom Instruction and Exam	
Airborne Radioactivity Areas DAC and DAC-hrs Medical clearance Types of respiratory protection (APR / PAPR / Air Line / SCBA) Protection Factors Respiratory relief requirements Personal grooming requirements Contact Lenses vs Spectacle Kits Equipment issue / sign-out	Filter selection Equipment Inspection (Gaskets, filters, valves, straps, dry-rot and deformation) Face to Facepiece Seal Negative and Positive pressure test Escape respirator use Doffing respiratory protection Equipment decon, cleaning and disinfecting Equipment maintenance and storage
Signature:	Date
Administrator:	Date
Practical Factors	
Testing Element	SAT / UNSAT / NA
Demonstrated proper respirator selection and understood PFs	
Properly inspected respirator	
Properly donned respirator	
Performed negative and positive pressure seal test as applicable	
Understood the importance of the fit test	
Understood the importance of proper grooming	
Properly doffed respirator	
Properly disinfected the respirator	
Properly repackaged and stored the respirator	
Signature:	Date
Administrator:	Date
RPS, PHP, or RSO:	Date

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Attachment 7.5

Authorized User Training Record

Radioactive Materials License No.: _____

Amendment Number: _____

Licensing Agency: _____

Type of Training: Initial Refresher

- Authorized User responsibilities
- Personnel training requirements
- License reciprocity and use at temporary job sites
- Advance notification requirements
- Multiple license conditions (division of responsibilities)
- NS RP Program overview
- Origination of radioactive materials at the work site
- Radioactive Materials possession limits and inventories
- Authorized uses under the license (Mobile Decommissioning and Decontamination)
- Gauging devices and source handling
- Source control requirements
- Records maintenance
- Radioactive Materials storage and security requirements
- Regulatory notifications and workplace postings
- Emergency notification requirements and phone numbers.
- Increased security controls (as applicable and need to know basis)
- Job completion requirements (records submittal and regulatory notifications)
- First notifications and condition reports

Name (PRINTED)

Signature

SSN (xxx-xx-####)

The individual above has been instructed to the radioactive materials license and license conditions and has been approved by the Radiation Safety Committee as an Authorized User of the RML.

Radiation Safety Officer (PRINTED)

Signature

Date

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Attachment 7.6

Radiation Protection Supervisor Training Record

Type of Training: Initial Refresher

- Radiation Protection Supervisor responsibilities
- Authorized uses under the license (Mobile Decommissioning and Decontamination)
- NS Radiation Protection Program review
- Personnel monitoring requirements
- NS instrument procedural review
- NS survey procedural review
- NS ALRA program
- Air sampling and analysis
- Personnel training requirements
- Area postings
- NS radiation work permits
- Radioactive material storage and control
- Area access controls
- Personnel contamination reporting
- First notifications and Condition reports
- Increased security controls (as applicable and need to know basis)
- Emergency response protocols
- Waste management

Name (PRINTED)

Signature

SSN (xxx-xx-####)

The individual above has been instructed to the NS Radiation Protection Program and procedures and has been approved by the Radiation Safety Committee a Radiation Protection Supervisor based on their training and applied health physics experience.

Radiation Safety Officer (PRINTED)

Signature

Date

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Attachment 7.7

DOT Subpart H Training Record

Project: _____

Position: _____

Description of responsibilities: _____

Container receipt and inspection

Container handling requirements

Disposal site WAC

Container closure and inspection

Conforming / non-conforming waste

Marking and labeling

Container loading requirements

Name of Worker (PRINTED)

Name of Instructor (PRINTED)

Signature of Worker

Signature of Instructor

Date

Date

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Attachment 7.8

Pre-Natal Exposure Instruction

Pre-Natal Exposure Acknowledgement Statement

All female NS field project personnel including Radiation Workers, project management and supervisors, and any staff members who may receive radiation exposure or be affected by a declaration of pregnancy are required to acknowledge their understanding of the Declared Pregnant Worker Policy by signing the following statement:

By signing this statement, I affirm that I have received instruction in the possible health risks to an unborn child if exposed to radiation during pregnancy. At a minimum, the following topics were discussed in my training:

- Sensitivity of the embryo/fetus to radiation exposure during the pregnancy.
- The gestational dose restriction that is applied to the embryo/fetus of a declared pregnant woman (500 mrem).
- Importance to avoid non-uniform exposure (50 mrem/mos)
- The definition of a declared pregnant worker.
- How to officially declare a pregnancy.
- Dose assessment from estimated date of conception to date of declaration.
- Restriction of activities as necessary.
- The voluntary nature of a pregnancy declaration.
- How to formally withdraw a pregnancy declaration.
- The expected action to be taken in response to a pregnancy declaration.

I have been provided with a paper or electronic copy of US NRC Regulatory Guide 8.13, *Instruction Concerning Prenatal Radiation Exposure* and US NRC Regulatory Guide 8.29, *Instruction Concerning Risks from Occupational Radiation Exposure*. I have reviewed the two Regulatory Guides and have been given an opportunity to ask questions about the contents of each document. I understand that I may contact the Radiation Safety Officer or my Site Radiation Protection Supervisor at any time with additional questions.

Name of Worker (PRINTED)

Name of Instructor (PRINTED)

Signature of Worker

Signature of Instructor

Date

Date

