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## **1.0 EMISSION STANDARDS**

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Radioactive air emission standards for the State of Washington are contained in WAC 173-480-040, 173-480-050, 173-480-060 and in 40 CFR Part 61, Subparts H. In accordance with WAC 173-480-050 Health shall enforce the most stringent standard in effect.

Under WAC 246-247-040(5), the department may set limits on emission rates for specific radionuclides for specific emission units and/or set requirements and limitations on the operation of emission unit(s) as specified in this license. Health establishes emission limits in Notice Of Construction (NOC) approvals or upon baseline emissions from an emission unit.

All new construction and significant modifications of emission units from August 10, 1988 until the termination of this license, shall utilize BARCT per WAC 246-247-040(3).

All existing emission units and insignificant modifications shall utilize ALARACT.  
[WAC 246-247-040(4)]

## **2.0 MONITORING, TESTING, QUALITY ASSURANCE, REPORTING AND RECORD KEEPING**

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Emission units with a potential-to-emit less than 0.1 mrem/yr TEDE to the MEI may estimate those radionuclide emissions, in lieu of monitoring, in accordance with 40 CFR 61 Appendix D, or other procedure approved by the department. The department may require periodic confirmatory monitoring methods approved by the department under WAC 246-247-075(3).

WAC 246-247-075(11) requires the licensee to address accidental releases when planning for any new construction or significant modification of the emission unit if the probability of occurrence during the expected life of the emission unit is greater than one percent. Refer to tables 1.1, 1.2, 1.3 and section 2.1 of the license.

### **2.1 REQUIREMENTS FOR DIFFUSE OR FUGITIVE SOURCES IN TABLE 2.1**

Section 5 of Attachment 2 describes the requirements for monitoring and reporting of diffuse or fugitive source emissions. The ambient air monitoring conducted at the Hanford Site has been accepted by the department as the method for demonstrating compliance to emissions limits for diffuse and fugitive sources. Those sources with Emission Unit specific conditions and limitations within the FF-01 License must be monitored and meet the applicable quality assurance and analysis requirements. All required ambient air monitors shall be identified along with their data measurements in the annual Radionuclide Air Emissions Report.

#### **Quality Assurance and Analysis**

All required ambient air samples collected and analyzed must be compatible with the quality assurance requirements of national standards such as NQA-1, EPA QA/R-5, and Method 114 as applicable. Near-facility ambient air samples from individual stations must be composited at a frequency no greater than 6 months.

#### **Modifications to the Diffuse and Fugitive Environmental Monitoring**

Prior to making modifications (i.e., moving, or removing air sample locations, or changing the sampling period) to the accepted periodic confirmatory measurement (for minor diffuse and fugitive sources) and continuous measurement (for major diffuse and fugitive sources) the Department of Health, Radioactive Air Emissions Section shall approve a written request for the modifications. The request for modification may take the form of an email or formal letter. Analysis of other media samples will be conducted at labs with the appropriate quality assurance programs in-place.

## **2.2 COMPLIANCE ASSURANCE MONITORING FOR LEGACY SOURCES DISCOVERED ON SITE**

In the course of Hanford's 50-year history radioactive waste products may have been disposed of by means not allowed by today's standards. These disposal areas represent potential diffuse or passively ventilated point sources of radioactive airborne emissions. The license describes actions that must be taken upon the licensee discovering any category of diffuse or passively ventilated point sources. These actions include a means to establish methods for determining compliance assurance.

Categories of emission units or other specific emission units not identified in existing Tables, will meet the requirements for periodic confirmatory monitoring, recordkeeping, and reporting found in Attachment 2. The annual Radionuclide Air Emissions Report for the Hanford Site satisfies the reporting requirements.

### **3.0 EMISSION UNIT IDENTIFICATION DESCRIPTIONS USED IN ATTACHMENT 2**

The principle identifier used in Attachment 2 of the Air Operation Permit is the Air Emissions Inventory (AEI) number. This number is assigned to an emission unit when registered with the department. In addition to the Emission Unit ID number the Air Emissions Inventory (AEI) number is also used as an identifier. This unique identifier was established for use in the Hanford Air Operating Permit. It is based upon an alphanumeric code description indicating key information concerning the operational area code, a category code, a building identifier, and type of emission point identifier code.

Secondary emission unit identifications were used in the permit for familiarity with the identification such as the commonly used regulatory identification.

For facility operator's ease of use, a plant name or tank farm was listed with the emission unit identifiers.

In attachment 2, Health used a three digit Emission Unit ID in small font under the heading text. This number is created from the database Health uses to track and generate the emission unit requirements for each emission unit.

An example of the heading used in attachment 2 would be as follows:

**Emission Unit ID: 393**.....*Health's database tracking number*  
**200W P-291Z001** .....*The AEI number*  
**291-Z-1** .....*The regulatory ID*  
**PLUTONIUM FINISHING PLANT (Z PLANT)**...*The associated facility/farm*

**AEI number representation:**

- 200W** Operational area code
- P** Process emission point
- 291Z** Building number
- 001** Emission point identifier

#### **4.0 ALARACT DEMONSTRATIONS**

The following ALARACT demonstrations (Table XX) describe the approved methods for ALARACT compliance set forth in section 2.2 of Attachment 2 for the following approved routine activities. The ALARACTs referenced below are the latest revisions. If an emission unit license references an older ALARACT revision (1, 2, etc.) then the most up to date revision must be used (01.1, 02.1, etc.). The revision number is designated by the number following the decimal place.

| <b>ALARACT Number</b> | <b>ALARACT Demonstration Title</b>  |
|-----------------------|---|
| 01.1                  | TANK FARM ALARACT DEMONSTRATION FOR RISER PREPARATION/OPENING   |
| 02.1                  | TANK FARM ALARACT DEMONSTRATION FOR INSTALLATION/OPERATION/REMOVAL OF PUSH MODE CORE SAMPLING EQUIPMENT |
| 03.1                  | TANK FARM ALARACT DEMONSTRATION FOR INSTALLATION/OPERATION/REMOVAL OF AUGER SAMPLING EQUIPMENT          |
| 04.1                  | TANK FARM ALARACT DEMONSTRATION FOR PACKAGING AND TRANSPORTATION OF WASTE                               |
| 05.1                  | TANK FARM ALARACT DEMONSTRATION SOIL EXCAVATION   |
| 06.1                  | TANK FARM ALARACT DEMONSTRATION FOR PIT ACCESS  |
| 07.1                  | TANK FARM ALARACT DEMONSTRATION FOR TANK WASTE GRAB SAMPLING  |
| 08.1                  | TANK FARM ALARACT DEMONSTRATION FOR VAPOR SAMPLING  |
| 10.1                  | TANK FARM ALARACT DEMONSTRATION FOR WATER LANCING   |
| 11.1                  | TANK FARM ALARACT DEMONSTRATION FOR WASTE TRANSFERS   |
| 12.1                  | TANK FARM ALARACT DEMONSTRATION FOR PACKAGING AND TRANSPORTATION OF EQUIPMENT & VEHICLES                |
| 13.1                  | TANK FARM ALARACT DEMONSTRATION FOR INSTALLATION, OPERATION, AND REMOVAL OF TANK EQUIPMENT              |
| 14.1                  | TANK FARM ALARACT DEMONSTRATION FOR PIT WORK.   |
| 15.1                  | TANK FARM ALARACT DEMONSTRATION FOR SIZE REDUCTION OF WASTE EQUIPMENT FOR DISPOSAL                      |
| 16.1                  | TANK FARM ALARACT DEMONSTRATION FOR WORK ON POTENTIALLY CONTAMINATED VENTILATION SYSTEM COMPONENTS      |
| 18                    | ENVIRONMENTAL RESTORATION PROGRAM ALARACT   |

|      |  |
|------|--|
|      | DEMONSTRATION FOR DRILLING   |
| 26.1 | DISPOSAL BY BURNING OF POTENTIALLY CONTAMINATED TUMBLEWEEDS                            |
| 28.1 | SHUTDOWN OF STACK SYSTEM(s) (Maintenance and incidental)                               |
| 29.1 | 242-A EVAPORATOR MAINTENANCE FACILITY SHUTDOWNS  |
| 30.1 | TANK FARM ALARACT DEMONSTRATION FOR STACK EXTENSION AND PASSIVE EMISSION POINT VENTURI |

## **5.0 OBSOLETE EMISSION UNITS**

| EU ID | Stack Name  |
|-------|-------------|
| 54    | 296-P-28    |
| 64    | 296-S-15    |
| 145   | 296-P-32    |
| 150   | 296-A-27    |
| 162   | 296-T-17    |
| 165   | 296-S-22    |
| 166   | 296-T-18    |
| 168   | 1706KE      |
| 208   | 296-B-28    |
| 213   | 296-C-5     |
| 234   | 296-P-16    |
| 236   | 296-C-6     |
| 310   | 291-U-1     |
| 355   | EP-320-02-S |
| 357   | EP-320-04-S |

| EU ID | Stack Name             |
|-------|------------------------|
| 424   | 340-B-BLDG             |
| 477   | 241-ER-152             |
| 539   | Air Rotary Drilling    |
| 541   | Air Hammer Drilling    |
| 714   | P-244CR-003            |
| 809   | 200E 216A-2-2          |
| 874   | Concrete Containers    |
| 891   | 100 K diffuse/fugitive |
| 899   | 200-E-120              |
| 905   | 216-A-40               |
| 964   | 291-U                  |
| 965   | 600-148                |
| 973   | 116-K-3                |
| 997   | Storage Building       |
| 998   | Storage Building       |

| EU ID | Stack Name                          |
|-------|-------------------------------------|
| 1054  | Pump House                          |
| 1056  | Dry Chemical Warehouse              |
| 1064  | U Plant Administration Building     |
| 1065  | Sodium Storage Building             |
| 1069  | Warehouse Essential Materials       |
| 1075  | Solvent Recovery Tanks              |
| 1076  | Backup Generator Facility           |
| 1077  | Water Storage Tanks and Lines       |
| 1082  | Cooling Water Sampling Building     |
| 1090  | Sample Station #2                   |
| 1092  | Sample Station #3                   |
| 1109  | Stack Monitoring Station            |
| 1119  | PDD Monitoring Building             |
| 1121  | 307 Retention Basin                 |
| 1184  | Solidification Treatment Unit (STU) |

| EU ID | Stack Name   |
|-------|--------------|
| 358   | EP-320-01-S  |
| 359   | EP-323-01-S  |
| 362   | EP-326-01-S  |
| 366   | EP-329-01-S  |
| 417   | EP-3730-01-S |
| 422   | 340 Decon    |
| 423   | 340-NT-EX    |

| EU ID | Stack Name                                      |
|-------|---|
| 999   | Storage Building                                |
| 1010  | Injection Manifold Building                     |
| 1030  | UO3 Plant Concentration and Loadout building    |
| 1037  | Treated Effluent Monitoring Building at T Plant |
| 1050  | Inert Gas Generator Building                    |
| 1052  | Breathing Air Compressor Building               |
| 1053  | Stack Gas Monitoring Station                    |

| EU ID | Stack Name             |
|-------|------------------------|
| 1275  | 100 H Diffuse/Fugitive |
| 1305  | EP-320-115P-S          |
| 1306  | EP-320-133P-S          |
| 1307  | EP-320-138P-S          |
| 1308  | EP-320-144P-S          |
| 1323  | EP-320-165-V           |
| 1324  | EP-320-185-V           |

## **6.0 OBSOLETE APPLICABLE REQUIREMENTS**

### **Obsolete Applicable Requirements**

| <b>EU ID</b> | <b>NOC ID</b> | <b>Project Title</b>  | <b>Permit Number</b> |
|--------------|---------------|---|----------------------|
| 50           | 703           | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 587)                       | AIR 09-704           |
|              | 718           | Removal of Liquid from Catch Tank 241-ER-311(Replaced by NOC 850)   | AIR 08-1106          |
|              | 780           | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 703) (Replaced by NOC 816) | AIR 10-1104          |
| 57           | 686           | Installation and Operation of Waste Retrieval Systems in Single-Shell Tank (SST) 241-S-112 (Replaced NOC ID 550) (Replaced by NOC ID 788)   | AIR 08-1103          |
|              | 694           | 241-S-102 Installation and Operation of Waste Retrieval Systems (Replaced NOC ID 567)   | AIR 09-708           |
|              | 703           | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 587)                       | AIR 09-704           |
|              | 780           | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 703) (Replaced by NOC 816) | AIR 10-1104          |
|              | 788           | Installation and Operation of Waste Retrieval Systems in Single-Shell Tank (SST) 241-S-112 (Replaces NOC ID 686)                            | AIR 10-1202          |
| 58           | 694           | 241-S-102 Installation and Operation of Waste Retrieval Systems (Replaced NOC ID 567)   | AIR 09-708           |
|              | 703           | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 587)                       | AIR 09-704           |
|              | 780           | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 703) (Replaced by NOC 816) | AIR 10-1104          |
| 62           | 669           | Use of Portable Tanks and Revised Source Term Description at Waste Sampling and Characterization Facility (WSCF) (Replaced by NOC 820)      | AIR 06-1029          |
| 63           | 669           | Use of Portable Tanks and Revised Source Term Description at Waste Sampling and Characterization Facility (WSCF)(Replaced by NOC 820)       | AIR 06-1029          |
| 93           | 653           | 241-AY and 241-AZ Ventilation Upgrades (Replaced NOC ID 290) (Replaced by NOC ID 708)   | AIR 06-1018          |
|              | 708           | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 653) (Replaced by NOC ID 782)                                    | AIR 08-908           |
|              | 714           | Installation and Operation of Waste Retrieval Systems in Tanks 241-AZ-101, 241-AZ-102, 241-AY-101, and 241-AY-102.                          | AIR 06-1064          |
|              | 782           | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 708) (Replaced by NOC 840)                                       | AIR 10-1101          |
| 134          | 694           | 241-S-102 Installation and Operation of Waste Retrieval Systems (Replaced NOC ID 567)   | AIR 09-708           |

## Obsolete Applicable Requirements

| EU ID | NOC ID     | Project Title  | Permit Number              |
|-------|------------|--|----------------------------|
| 142   | 651        | Operation of the 242-A Evaporator emission unit 296-A-22<br>(Replaced by NOC 824)  | AIR 06-1016                |
| 146   | 690        | Operation of the Liquid Effluent Retention Facility and the 200 Area Effluent Treatment Facility (Replaced NOC ID 562)<br>(Replaced by NOC 822)    | AIR 06-1045                |
| 147   | 690        | Operation of the Liquid Effluent Retention Facility and the 200 Area Effluent Treatment Facility (Replaced NOC ID 562)<br>(Replaced by NOC 822)    | AIR 06-1045                |
| 148   | 690        | Operation of the Liquid Effluent Retention Facility and the 200 Area Effluent Treatment Facility (Replaced NOC ID 562)<br>(Replaced by NOC 822)    | AIR 06-1045                |
| 174   | 671        | 241-AZ Tank Farm Annulus Exhauster Operation (Replaced<br>by NOC 826)  | AIR 06-1031                |
| 175   | 681        | Calibration and Development Activities in the Radiological<br>Calibrations Laboratory (318 Building), Replaced by NOC ID 821                       | AIR 06-1037                |
| 193   | 638        | Construction and operation of the Waste Receiving and Processing<br>(WRAP) Facility (Replaced NOC ID 23)   | AIR 08-802                 |
| 203   | 686        | Installation and Operation of Waste Retrieval Systems in Single<br>-Shell Tank (SST) 241-S-112 (Replaced NOC ID 550) (Replaced<br>by NOC ID 788)   | AIR 08-1103                |
|       | 788        | Installation and Operation of Waste Retrieval Systems in Single<br>-Shell Tank (SST) 241-S-112 (Replaces NOC ID 686)                               | AIR 10-1202                |
| 204   | 666        | Installation and operation of Waste Retrieval System in Tanks<br>241-AP-102 and 241-AP-104 (Replaced by NOC 828)                                   | AIR 06-1027                |
| 210   | 707<br>793 | Surveillance and Maintenance of the 209-E Criticality Laboratory<br>Deactivation of 209-E Building (Replaces NOC ID 707)( Replaced<br>by NOC 858)  | AIR 08-1022<br>AIR 10-1021 |
| 227   | 668        | Installation and Operation of a Waste Retrieval System in Tanks<br>241-AN-101,102,103, 104, 105, 106 and 107.<br>(Replaced by NOC 827)             | AIR 06-1028                |
| 254   | 716        | License to Operate the 222-S Laboratory (Replaced NOC ID 637)<br>( Replaced by NOC 831)  | AIR 08-904                 |
| 301   | 690        | Operation of the Liquid Effluent Retention Facility and the 200<br>Area Effluent Treatment Facility (Replaced NOC ID 562)<br>(Replaced by NOC 822) | AIR 06-1045                |
| 314   | 711        | Consolidated T Plant Operations (Replaced by NOC 830)  | AIR 07-306                 |
| 315   | 648        | Operation of the 2706-T Building (replaced by NOC 829)   | AIR 06-1013                |

## Obsolete Applicable Requirements

| <b>EU ID</b> | <b>NOC ID</b> | <b>Project Title</b>  | <b>Permit Number</b> |
|--------------|---------------|---|----------------------|
| 340          | 649           | Waste Encapsulation and Storage Facility (WESF) Liquid Low Level Radioactive Liquid Removal from Tank 100. (Replaced NOC ID 259)(Replaced by NOC 832) | AIR 06-1014          |
| 361          | 687           | Conducting General Laboratory Processes Research Activities in the 325 Building (Replaced by NOC 807)   | AIR 06-1042          |
| 385          | 646           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility   | AIR 08-1021          |
|              | 776           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility (Replaced by NOC 833)                         | AIR 10-412           |
| 389          | 655           | Transition of the Plutonium Finishing Plant   | AIR 06-1020          |
| 390          | 655           | Transition of the Plutonium Finishing Plant   | AIR 06-1020          |
| 393          | 655           | Transition of the Plutonium Finishing Plant   | AIR 06-1020          |
| 396          | 646           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility   | AIR 08-1021          |
|              | 776           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility (Replaced by NOC 833)                         | AIR 10-412           |
| 397          | 646           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility   | AIR 08-1021          |
|              | 776           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility (Replaced by NOC 833)                         | AIR 10-412           |
| 398          | 639           | Construction and Operation of Sodium Storage Facility (Replaced NOC ID 65)(Replaced by NOC 842)   | AIR 06-1007          |
| 399          | 646           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility   | AIR 08-1021          |
|              | 776           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility (Replaced by NOC 833)                         | AIR 10-412           |
| 412          | 712           | Life Sciences Laboratory-1 (331 Building) (Replaced by NOC 808)   | AIR 08-607           |
| 423          | 704           | Operation of the 340 Waste Storage  | AIR 06-1058          |
| 435          | 652           | Canister Storage Building, Building 212-H (Replaced by NOC 835)   | AIR 09-106           |
| 436          | 643           | Construction and Operation of the Cold Vacuum Drying Facility (CVDF) (Replaced by NOC 836)  | AIR 06-1009          |
| 443          | 684           | 300 Area Excavation Activities (Replaced by NOC 811)  | AIR 08-1020          |
|              | 675           | Operation of the Radiological Counting Facility   | AIR 06-1035          |
| 447          | 689           | Tank Farm Restoration and Safe Storage (Replaced NOC ID 561) (Replaced by NOC ID 783)   | AIR 06-1044          |
|              | 708           | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 653) (Replaced by NOC ID 782)  | AIR 08-908           |

## Obsolete Applicable Requirements

| EU ID | NOC ID | Project Title  | Permit Number |
|-------|--------|--|---------------|
|       | 711    | Consolidated T Plant Operations (Replaced by NOC 830)  | AIR 07-306    |
|       | 782    | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 708) (Replaced by NOC 840)                                  | AIR 10-1101   |
|       | 783    | Tank Farm Restoration and Safe Storage (Replaced NOC ID689) (Replaced by NOC 841)  | AIR 10-1102   |
|       | 664    | Portable/Temporary Radionuclide Airborne Emissions Units (PTRAEU) ( Replaced by NOC 837)   | AIR 06-1025   |
|       | 670    | Roof Replacement Activities Involving Radioactive Contamination at Facilities on the Central Plateau (Replaced by NOC 838)             | AIR 06-1030   |
|       | 673    | Categorical Tank Farm Facility Entry and Surveillance (Replaced by NOC 839)  | AIR 06-1033   |
| 455   | 670    | Roof Replacement Activities Involving Radioactive Contamination at Facilities on the Central Plateau (Replaced by NOC 838)             | AIR 06-1030   |
|       | 700    | Operation of the Transuranic Waste Retrieval Project   | AIR 06-1054   |
|       | 708    | License to Operate Ventilation of the 241 AY/AZ Tank Farm  |               |
|       | 719    | Operation of the Transuranic Waste Retrieval Project (Replaced by NOC 804)   | AIR 07-1012   |
|       | 782    | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 708) (Replaced by NOC 840)                                  | AIR 10-1101   |
|       | 795    | License to Operate the Retrieval and Disposal Activities for Boxes 80 and 82 for the TRU Waste Retrieval Project                       | AIR 10-1022   |
| 465   | 636    | Purgewater Modutanks(Replaced NOC ID 7) (Replaced by NOC ID 747)   | AIR 06-1004   |
|       | 747    | Demolition of the Purgewater Storage and Treatment Facility Unit #1 (Replaced NOC ID 636)  | AIR 09-804    |
| 472   | 662    | Trench 31 and 34: Leachate Collection and Storage Tank (LLBG Mixed Waste Disposal)(Replaced by NOC 834)                                | AIR 06-1023   |
| 473   | 662    | Trench 31 and 34: Leachate Collection and Storage Tank (LLBG Mixed Waste Disposal)( Replaced by NOC 834)                               | AIR 06-1023   |
| 476   | 782    | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 708) (Replaced by NOC 840)                                  | AIR 10-1101   |
|       | 783    | Tank Farm Restoration and Safe Storage (Replaced NOC ID 689) (Replaced by NOC 841)   | AIR 10-1102   |
|       | 784    | 244-CR Vault Isolation and Interim Stabilization (Replaced NOC ID 685) (Replaced by NOC ID 853)  | AIR 10-1103   |
|       | 685    | 244-CR Vault Isolation and Interim Stabilization (Replaced NOC ID 548) (Replaced by NOC ID 784)  | AIR 09-902    |
|       | 689    | Tank Farm Restoration and Safe Storage (Replaced NOC ID 561) (Replaced by NOC ID 783)  | AIR 06-1044   |
|       | 702    | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase 1- Site Preparation and System Installation (Replaced by NOC ID 775) | AIR 09-706    |
|       | 708    | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 653) (Replaced by NOC ID 782)                               | AIR 08-908    |

## Obsolete Applicable Requirements

| EU ID | NOC ID | Project Title   | Permit Number |
|-------|--------|---|---------------|
|       | 714    | Installation and Operation of Waste Retrieval Systems in Tanks 241-AZ-101, 241-AZ-102, 241-AY-101, and 241-AY-102.  | AIR 06-1064   |
|       | 775    | Categorical Tank Farm Facility Waste Retrieval and Closure : Phase 1- Site Preparation and System Installation)<br>(Replaced NOC ID 702 (Replaced by NOC ID 852)      | AIR 10-1015   |
|       | 647    | Guzzler Excavation and Backfilling Activities in Support of the 200 East Area A Farm Complex (Replaced by 774)  | AIR 06-1012   |
|       | 658    | Use of the Guzzler™ (Filter Vacuum Truck) Vacuum Excavation System for Radiologically Limited Activities on the Hanford Site.<br>(Replaced by NOC 860)                | AIR 08-404    |
|       | 670    | Roof Replacement Activities Involving Radioactive Contamination at Facilities on the Central Plateau (Replaced by NOC 838)  | AIR 06-1030   |
|       | 672    | Excavation Activities for the Building of Temporary Construction Facilities and the Main Facilities for the River Protection Project -Waste Treatment Plant (RPP-WTP) | AIR 06-1032   |
|       | 548    | 244-CR Vault Isolation and Interim Stabilization (Replaced NOC ID 424) (Replaced by NOC ID 685)   | AIR 02-1255   |
| 486   | 792    | Tank Farm Decontamination Trailer West (Replaces NOC 695)<br>( Replaced by NOC 857)   | AIR 10-1106   |
|       | 793    | Deactivation of 209-E Building (Replaces NOC ID 707)( Replaced by NOC 858)  | AIR 10-1021   |
|       | 795    | License to Operate the Retrieval and Disposal Activities for Boxes 80 and 82 for the TRU Waste Retrieval Project  | AIR 10-1022   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18 (Replaces NOC 697) (Replaced By NOC 859)  | AIR 10-1201   |
|       | 784    | 244-CR Vault Isolation and Interim Stabilization (Replaced NOC ID 685) (Replaced by NOC ID 853)   | AIR 10-1103   |
|       | 785    | Tank Waste Remediation System Vadose Zone Characterization (Replaced NOC ID 635)(Replaced by NOC ID 854)  | AIR 10-801    |
|       | 786    | E-525 Double-Shell Tank (DST) Transfer System Modifications Project (Replaced NOC ID 688) (Replaced by NOC ID 855)  | AIR 10-904    |
|       | 788    | Installation and Operation of Waste Retrieval Systems in Single -Shell Tank (SST) 241-S-112 (Replaces NOC ID 686)   | AIR 10-1202   |
|       | 791    | Tank Farm Decontamination Trailer East(Replaces NOC 695)<br>Replaced by NOC 856)  | AIR 10-1105   |
|       | 719    | Operation of the Transuranic Waste Retrieval Project (Replaced by NOC 804)  | AIR 07-1012   |
|       | 743    | Decontamination Trailer at the Transuranic Waste Retrieval Project (Replaced by NOC 851)  | AIR 09-502    |
|       | 775    | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase 1- Site Preparation and System Installation)<br>(Replaced NOC ID 702 (Replaced by NOC ID 852)       | AIR 10-1015   |
|       | 780    | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 703)<br>(Replaced by NOC 816)                        | AIR 10-1104   |
|       | 782    | License to Operate Ventilation of the 241 AY/AZ Tank Farm (Replaced NOC ID 708) (Replaced by NOC 840)   | AIR 10-1101   |
|       | 783    | Tank Farm Restoration and Safe Storage (Replaced NOC ID 689)<br>(Replaced by NOC 841)   | AIR 10-1102   |

## Obsolete Applicable Requirements

| EU ID | NOC ID | Project Title   | Permit Number |
|-------|--------|---|---------------|
| 711   |        | Consolidated T Plant Operations (Replaced by NOC 830)   | AIR 07-306    |
| 713   |        | Operation of the Integrated Disposal Facility (IDF)<br>( Replaced by NOC 848)   | AIR 06-1063   |
| 714   |        | Installation and Operation of Waste Retrieval Systems in Tanks<br>241-AZ-101, 241-AZ-102, 241-AY-101, and 241-AY-102.   | AIR 06-1064   |
| 715   |        | Cleaning Radiologically Contaminated Vehicles (Replaced<br>NOC ID 631) (Replaced By NOC ID 849)   | AIR 06-1065   |
| 718   |        | Removal of Liquid from Catch Tank 241-ER-311(Replaced<br>by NOC 850)  | AIR 08-1106   |
| 699   |        | Characterization and Stabilization Activities Involving Radioactive<br>Contamination at Facilities on the Central Plateau   | AIR 06-1053   |
| 700   |        | Operation of the Transuranic Waste Retrieval Project  | AIR 06-1054   |
| 702   |        | Categorical Tank Farm Facility Waste Retrieval and Closure:<br>Phase 1 Site Preparation and System Installation (Replaced<br>by NOC ID 775)                                 | AIR 09-706    |
| 703   |        | Categorical Tank Farm Facility Waste Retrieval and Closure:<br>Phase II Waste Retrieval Operations (Replaced NOC ID 587)  | AIR 09-704    |
| 705   |        | Supplemental Treatment Test and Demonstration Facility  | AIR 06-1059   |
| 708   |        | License to Operate Ventilation of the 241 AY/AZ Tank Farm<br>(Replaced NOC ID 653) (Replaced by NOC ID 782)   | AIR 08-908    |
| 692   |        | 241-AN Tank Farm Installation and Operation of a New Ventilation<br>System( Replaced by NOC 845)  | AIR 06-1046   |
| 693   |        | 241-AW Tank Farm Installation and Operation of a New<br>Ventilation System ( Replaced by NOC 846)   | AIR 06-1047   |
| 694   |        | 241-S-102 Installation and Operation of Waste Retrieval Systems<br>(Replaced NOC ID 567)  | AIR 09-708    |
| 695   |        | Tank Farm Decontamination Trailers (Replaced by NOC 791<br>and 792)   | AIR 06-1049   |
| 697   |        | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28,<br>296-S-22 and 296-T-18(Replacedby 796)  | AIR 08-1107   |
| 698   |        | 241-C-200 Series Tanks Retrieval Liquid Pumping and Enhanced  | AIR 06-1052   |
| 683   |        | Sluicing on Tank 241-C-106 (Replaced NOC ID 540)<br>(Replaced by NOC ID 790)  | AIR 06-1038   |
| 685   |        | 244-CR Vault Isolation and Interim Stabilization<br>(Replaced NOC ID 548) (Replaced by NOC ID 784)  | AIR 09-902    |
| 686   |        | Installation and Operation of Waste Retrieval Systems in Single<br>-Shell Tank (SST) 241-S-112 (Replaced NOC ID 550)<br>(Replaced by NOC ID 788)                            | AIR 08-1103   |
| 688   |        | E-525 Double-Shell Tank (DST) Transfer System Modifications<br>Project (Replaced NOC ID 555) (Replaced by NOC ID 786)   | AIR 08-1104   |
| 689   |        | Tank Farm Restoration and Safe Storage (Replaced NOC ID 561)<br>(Replaced by NOC ID 783)  | AIR 06-1044   |
| 690   |        | Operation of the Liquid Effluent Retention Facility and the 200 Area<br>Effluent Treatment Facility (Replaced NOC ID 562)<br>(Replaced by NOC 822)                          | AIR 06-1045   |
| 670   |        | Roof Replacement Activities Involving Radioactive Contamination<br>at Facilities on the Central Plateau (Replaced by NOC 838)   | AIR 06-1030   |
| 672   |        | Excavation Activities for the Building of Temporary Construction<br>Facilities and the Main Facilities for the River Protection Project-<br>Waste Treatment Plant (RPP-WTP) | AIR 06-1032   |
| 673   |        | Categorical Tank Farm Facility Entry and Surveillance<br>(Replaced by NOC 839)  | AIR 06-1033   |

## Obsolete Applicable Requirements

| EU ID | NOC ID | Project Title   | Permit Number |
|-------|--------|---|---------------|
|       | 674    | Vapor Sampling of Miscellaneous Underground Units<br>(Replaced by NOC 483)  | AIR 06-1034   |
|       | 678    | 200/600 Areas Facilities Support Decontamination Trailer<br>(Intermittent powered exhaust)(Replaced by NOC 844)                                   | AIR 07-1102   |
|       | 635    | Tank Waste Remediation System Vadose Zone Characterization<br>(Replaced NOC ID 5) (Replaced by NOC ID 785)  | AIR 06-1003   |
|       | 638    | Construction and operation of the Waste Receiving and<br>Processing (WRAP) Facility (Replaced NOC ID 23)  | AIR 08-802    |
|       | 648    | Operation of the 2706-T Building (replaced by NOC 829)  | AIR 06-1013   |
|       | 655    | Transition of the Plutonium Finishing Plant   | AIR 06-1020   |
|       | 683    | Liquid Pumping and Enhanced Sluicing on Tank 241-C-106<br>(Replaced NOC ID 540) (Replaced by NOC ID 790)  | AIR 06-1038   |
|       | 685    | 244-CR Vault Isolation and Interim Stabilization<br>(Replaced NOC ID 548) (Replaced by NOC ID 784)  | AIR 09-902    |
|       | 703    | Categorical Tank Farm Facility Waste Retrieval and Closure:<br>Phase II Waste Retrieval Operations (Replaced NOC ID 587)                          | AIR 09-704    |
|       | 780    | Categorical Tank Farm Facility Waste Retrieval and Closure:<br>Phase II Waste Retrieval Operations (Replaced NOC ID 703)<br>(Replaced by NOC 816) | AIR 10-1104   |
|       | 784    | 244-CR Vault Isolation and Interim Stabilization<br>(Replaced NOC ID 685) (Replaced by NOC ID 853)  | AIR 10-1103   |
| 503   |        |   |               |
|       | 655    | Transition of the Plutonium Finishing Plant   | AIR 06-1020   |
| 504   |        |   |               |
|       | 669    | Use of Portable Tanks and Revised Source Term Description at<br>Waste Sampling and Characterization Facility (WSCF)<br>(Replaced by NOC 820)      | AIR 06-1029   |
| 539   |        |   |               |
|       | 635    | Tank Waste Remediation System Vadose Zone Characterization<br>(Replaced NOC ID 5) (Replaced by NOC ID 785)  | AIR 06-1003   |
|       | 785    | Tank Waste Remediation System Vadose Zone Characterization<br>(Replaced NOC ID 635)(Replaced by NOC ID 854)                                       | AIR 10-801    |
| 541   |        |   |               |
|       | 785    | Tank Waste Remediation System Vadose Zone Characterization<br>(Replaced NOC ID 635)(Replaced by NOC ID 854)                                       | AIR 10-801    |
|       | 635    | Tank Waste Remediation System Vadose Zone Characterization<br>(Replaced NOC ID 5) (Replaced by NOC ID 785)  | AIR 06-1003   |
|       | 539    | Installation of Breather Filter on Tank 241-C-106   | AIR 03-203    |
| 713   |        |   |               |
|       | 685    | 244-CR Vault Isolation and Interim Stabilization<br>(Replaced NOC ID 548) (Replaced by NOC ID 784)  | AIR 09-902    |
|       | 784    | 244-CR Vault Isolation and Interim Stabilization<br>(Replaced NOC ID 685) (Replaced by NOC ID 853)  | AIR 10-1103   |
| 714   |        |   |               |
|       | 685    | 244-CR Vault Isolation and Interim Stabilization<br>(Replaced NOC ID 548) (Replaced by NOC ID 784)  | AIR 09-902    |
|       | 784    | 244-CR Vault Isolation and Interim Stabilization<br>(Replaced NOC ID 685) (Replaced by NOC ID 853)  | AIR 10-1103   |
| 735   |        |   |               |
|       | 706    | Operation of New Ventilation Systems in AN and AW Tank Farms<br>. NOC 706 replaced NOC 593. NOC 802 replaced NOC 706.                             | AIR 06-1060   |
|       | 802    | Operation of New Ventilation Systems in AN and AW Tank Farms<br>. (Replaced NOC ID 706) . (Replaced by NOC ID 809)                                | AIR 11-404    |

## Obsolete Applicable Requirements

| EU ID | NOC ID | Project Title   | Permit Number |
|-------|--------|---|---------------|
| 736   | 706    | Operation of New Ventilation Systems in AN and AW Tank Farms. NOC 706 replaced NOC 593. NOC 802 replaced NOC 706                            | AIR 06-1060   |
|       | 802    | Operation of New Ventilation Systems in AN and AW Tank Farms . (Replaced NOC ID 706) (Replaced by NOC ID 809).                              | AIR 11-404    |
| 738   | 697    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28 , 296-S-22 and 296-T-18(Replaced by 796)   | AIR 08-1107   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18 (Replaces NOC 697) (Replaced By NOC 859)                  | AIR 10-1201   |
| 740   | 697    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18(Replaced by 796)  | AIR 08-1107   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28- , 296-S-22 and 296-T-18 (Replaces NOC 697) (Replaced By NOC 859)                | AIR 10-1201   |
| 742   | 697    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18(Replaced by 796)  | AIR 08-1107   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28 , 296-S-22 and 296-T-18 (Replaces NOC 697) (Replaced By NOC 859)                 | AIR 10-1201   |
| 744   | 697    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18(Replaced by 796)  | AIR 08-1107   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18 (Replaces NOC 697) (Replaced By NOC 859)                  | AIR 10-1201   |
| 749   | 698    | 241-C-200 Series Tanks Retrieval  | AIR 06-1052   |
|       | 703    | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 587)                       | AIR 09-704    |
|       | 780    | Categorical Tank Farm Facility Waste Retrieval and Closure: Phase II Waste Retrieval Operations (Replaced NOC ID 703) (Replaced by NOC 816) | AIR 10-1104   |
| 751   | 688    | E-525 Double-Shell Tank (DST) Transfer System Modifications Project (Replaced NOC ID 555) (Replaced by NOC ID 786)                          | AIR 08-1104   |
|       | 786    | E-525 Double-Shell Tank (DST) Transfer System Modifications Project (Replaced NOC ID 688) (Replaced by NOC ID 855)                          | AIR 10-904    |
| 755   | 700    | Operation of the Transuranic Waste Retrieval Project  | AIR 06-1054   |
|       | 719    | Operation of the Transuranic Waste Retrieval Project (Replaced by NOC 804)  | AIR 07-1012   |
| 756   | 700    | Operation of the Transuranic Waste Retrieval Project  | AIR 06-1054   |
|       | 719    | Operation of the Transuranic Waste Retrieval Project (Replaced by NOC 804)  | AIR 07-1012   |
| 855   | 706    | Operation of New Ventilation Systems in AN and AW Tank Farms . NOC 706 replaced NOC 593. NOC 802 replaced NOC 706 .                         | AIR 06-1060   |

## Obsolete Applicable Requirements

| EU ID | NOC ID | Project Title  | Permit Number |
|-------|--------|--|---------------|
| 856   | 802    | Operation of New Ventilation Systems in AN and AW Tank Farms.<br>(Replaced NOC ID 706) .(Replaced by NOC ID 809)                                   | AIR 11-404    |
|       | 706    | Operation of New Ventilation Systems in AN and AW Tank Farms.<br>NOC 706 replaced NOC 593. NOC 802 replaced NOC 706.                               | AIR 06-1060   |
| 874   | 802    | Operation of New Ventilation Systems in AN and AW Tank Farms<br>. (Replaced NOC ID 706) .(Replaced by NOC ID 809)                                  | AIR 11-404    |
|       | 655    | Transition of the Plutonium Finishing Plant  | AIR 06-1020   |
| 878   | 709    | Deactivation of the Plutonium Finishing Plant Complex<br>(Replaced NOC ID 608)   | AIR 06-664    |
|       | 590    | Supplemental Treatment Test and Demonstration Facility   | AIR 04-1001   |
| 885   | 705    | Supplemental Treatment Test and Demonstration Facility   | AIR 06-1059   |
|       | 703    | Categorical Tank Farm Facility Waste Retrieval and Closure:<br>Phase II Waste Retrieval Operations (Replaced NOC ID 587)                           | AIR 09-704    |
|       | 780    | Categorical Tank Farm Facility Waste Retrieval and Closure:<br>Phase II Waste Retrieval Operations (Replaced NOC ID 703)<br>(Replaced by NOC 816)  | AIR 10-1104   |
| 886   | 703    | Categorical Tank Farm Facility Waste Retrieval and Closure<br>: Phase II Waste Retrieval Operations (Replaced NOC ID 587)                          | AIR 09-704    |
|       | 780    | Categorical Tank Farm Facility Waste Retrieval and Closure<br>: Phase II Waste Retrieval Operations (Replaced NOC ID 703)<br>(Replaced by NOC 816) | AIR 10-1104   |
| 891   | 742    | Waste Repackaging Outdoors at Cold Vacuum Drying Facility  | AIR 08-1019   |
| 894   | 659    | Installation and Operation of Breather Filter on Tank 241-UX-302A,<br>241-AZ-154, and 241-U-301B   | AIR 06-1022   |
|       | 739    | Installation and Operation of Breather Filters on Miscellaneous<br>Tanks. (Replaced by NOC ID 865)   | AIR 08-1014   |
| 910   | 718    | Removal of Liquid from Catch Tank 241-ER311-<br>(Replaced by NOC 850)  | AIR 08-1106   |
| 912   | 697    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28,<br>296-S-22 and 296-T-18(Replaced by 796)  | AIR 08-1107   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28,<br>296-S-22 and 296-T-18 (Replaces NOC 697)<br>(Replaced By NOC 859)                   | AIR 10-1201   |
| 922   | 697    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28,<br>296-S-22 and 296-T-18(Replaced by 796)  | AIR 08-1107   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28,<br>296-S-22 and 296-T-18 (Replaces NOC 697)<br>(Replaced By NOC 859)                   | AIR 10-1201   |
| 959   | 697    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28,<br>296-S-22 and 296-T-18(Replaced by 796)  | AIR 08-1107   |
|       | 796    | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28,<br>296-S-22 and 296-T-18 (Replaces NOC 697)<br>(Replaced By NOC 859)                   | AIR 10-1201   |

## Obsolete Applicable Requirements

| <b>EU ID</b> | <b>NOC ID</b> | <b>Project Title</b>  | <b>Permit Number</b> |
|--------------|---------------|---|----------------------|
| 969          | 697           | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18(Replaced by 796)                            | AIR 08-1107          |
|              | 796           | Isolation and Closure of Exhaust Stacks 296-A-25, 296-B-28, 296-S-22 and 296-T-18 (Replaces NOC 697) (Replaced By NOC 859)    | AIR 10-1201          |
| 1128         | 646           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility                       | AIR 08-1021          |
|              | 776           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility (Replaced by NOC 833) | AIR 10-412           |
| 1129         | 659           | Installation and Operation of Breather Filter on Tank 241-UX-302A, 241-AZ-154, and 241-U-301B                                 | AIR 06-1022          |
|              | 739           | Installation and Operation of Breather Filters on Miscellaneous Tanks. (Replaced by NOC ID 865)                               | AIR 08-1014          |
| 1130         | 659           | Installation and Operation of Breather Filter on Tank 241-UX-302A , 241-AZ-154, and 241-U-301B                                | AIR 06-1022          |
|              | 739           | Installation and Operation of Breather Filters on Miscellaneous Tanks. (Replaced by NOC ID 865)                               | AIR 08-1014          |
| 1176         | 646           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility                       | AIR 08-1021          |
|              | 776           | Sodium Residuals Reaction/Removal and other Deactivation Work Activities at the Fast Flux Test Facility (Replaced by NOC 833) | AIR 10-412           |
| 1181         | 719           | Operation of the Transuranic Waste Retrieval Project (Replaced by NOC 804)  | AIR 07-1012          |
| 1184         | 676           | Approval to Construct the Solidification Treatment Unit (STU)   | AIR 07-402           |
| 1185         | 657           | Operation of the 361 Building in Testing Equipment Operability Utilizing Radioxenon and Radon (Replaced by NOC 862)           | AIR 08-403           |
| 1186         | 678           | 200/600 Areas Facilities Support Decontamination Trailer (Intermittent powered exhaust)(Replaced by NOC 844)                  | AIR 07-1102          |
| 1187         | 678           | 200/600 Areas Facilities Support Decontamination Trailer (Intermittent powered exhaust)(Replaced by NOC 844)                  | AIR 07-1102          |
| 1232         | 739           | Installation and Operation of Breather Filters on Miscellaneous Tanks. (Replaced by NOC ID 865)                               | AIR 08-1014          |
| 1243         | 743           | Decontamination Trailer at the Transuranic Waste Retrieval Project (Replaced by NOC 851)                                      | AIR 09-502           |
| 1244         | 743           | Decontamination Trailer at the Transuranic Waste Retrieval Project (Replaced by NOC 851)                                      | AIR 09-502           |
| 1289         | 791           | Tank Farm Decontamination Trailer East(Replaces NOC 695) ( Replaced by NOC 856)   | AIR 10-1105          |

## Obsolete Applicable Requirements

| EU ID | NOC ID | Project Title   | Permit Number |
|-------|--------|---|---------------|
| 1290  | 792    | Tank Farm Decontamination Trailer West(Replaces NOC 695)<br>( Replaced by NOC 857)  | AIR 10-1106   |
| 1291  | 791    | Tank Farm Decontamination Trailer East(Replaces NOC 695)<br>( Replaced by NOC 856)  | AIR 10-1105   |
| 1292  | 792    | Tank Farm Decontamination Trailer West(Replaces NOC 695)<br>( Replaced by NOC 857)  | AIR 10-1106   |
| 1293  | 780    | Categorical Tank Farm Facility Waste Retrieval and Closure:<br>Phase II Waste Retrieval Operations (Replaced NOC ID 703)<br>(Replaced by NOC 816) | AIR 10-1104   |
| 1294  | 794    | 242-A Evaporator Building Exhauster K-1 Upgrade<br>(Replaced by NOC 864)  | AIR 10-1204   |
| 1322  | 795    | License to Operate the Retrieval and Disposal Activities for<br>Boxes 80 and 82 for the TRU Waste Retrieval Project                               | AIR 10-1022   |

## **7.0 CERCLA APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS**

### **CERCLA Substantive Requirements -- Applicable or Relevant and Appropriate Requirements**

[WAC 246-247-040]

Regulations promulgated under statutory authority other than the FCAA (e.g., RCRA and CERCLA) are not Title V applicable requirements and are not included in the license. In addition, actions taken pursuant to CERCLA are exempt from permitting. However, the actions taken must meet the substantive requirements of applicable or relevant and appropriate requirements (ARARs) (e.g., WAC 246-247-040, ALARACT). Characterization and cleanup activities are being conducted at Hanford pursuant to CERCLA. The characterization and cleanup activities are applying best available radionuclide control technology to control emissions, and emissions are being monitored to ensure that the offsite dose to the maximally exposed individual is below the applicable standards. The CERCLA decision documents, such as an Action Memo, identify ARARs.

Hanford is required to report all radioactive air emissions (including those resulting from CERCLA actions) to demonstrate compliance with all dose standards (WAC-246-247 and 40CFR61).