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**STANDARD TERMS AND CONDITIONS
HANFORD SITE AIR OPERATING PERMIT
NO. 00-05-006
RENEWAL 3**

**STATE OF WASHINGTON DEPARTMENT OF ECOLOGY
STATE OF WASHINGTON DEPARTMENT OF HEALTH
BENTON CLEAN AIR AGENCY**

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**STANDARD TERMS AND CONDITIONS
HANFORD SITE AIR OPERATING PERMIT
NO. 00-05-006
RENEWAL 3**

In the matter of the compliance by the) 00-05-006 Renewal 3
U.S. Department of Energy – Hanford Operations, with) Issue Date: X/X/2018
Section 70.94.161 RCW, Operating Permits for Air) Effective Date: XX/XX/XXXX
Contaminant Sources, and the applicable rules and) Expiration Date: X/XX/XXXX
regulations of the Departments of Ecology and Health.)

This AIR OPERATING PERMIT is issued under the authority and provisions of the Federal Clean Air Act (FCAA), (42 U.S.C. 7401, et. seq.) and the Washington Clean Air Act, Chapter 70.94, Revised Code of Washington (RCW) and the Operating Permit Regulation, Chapter 173-401 Washington Administrative Code (WAC).

The U.S. Department of Energy (DOE), the permittee, at the Hanford Site is required to comply with provisions within this air operating permit, including all standard terms and general conditions and provisions contained in all the Attachments, identified below.

Attachments 1, 2, and 3 are integral and enforceable provisions of this permit.

Attachment 1 contains the State of Washington Department of Ecology (Ecology) permit terms and conditions.

Attachment 2 contains the State of Washington Department of Health (Health) Radioactive Air Emissions License (FF-01) as permit terms and conditions.

Attachment 3 contains the Benton Clean Air Agency (BCAA) permit terms and conditions applicable to the regulations of open burning.

The regulatory agency relationships are described in the Statement of Basis (Statement). The Statement is issued by the permitting agencies as a separate supporting reference document to this air operating permit. The Statement contains non-enforceable legal and factual basis for permit conditions. The Statement also includes references to the applicable statutory or regulatory provisions, technical supporting information on specific emission units, and clarifications of specific requirements. [WAC 173-401-700(8)]

The Hanford Site and facilities are managed by two DOE Office of Environmental Management offices in Richland, Washington. The Office of River Protection (DOE-ORP) oversees the Hanford Site’s tank waste remediation system at the 200 Area. The Richland Operation Office (DOE-RL) is responsible for the Hanford Site’s environmental cleanup activities and the site-wide infrastructure support. The Pacific Northwest Site Office (DOE-PNSO) of the DOE Office of Science offices, located in Richland, provide programmatic oversight of some Hanford Site facilities utilized by the Pacific Northwest National Laboratory (PNNL). These PNNL-operated facilities are in the Hanford 300 area. DOE-RL is the owner and steward of these facilities. This joint DOE-RL/DOE-PNSO oversight is conducted in accordance with an Operational Agreement between DOE-RL and DOE-PNSO. The official permittee addresses are listed below:

1 Mailing Address

Department of Energy-RL
P.O. Box 550
Richland, WA 99352

Department of Energy-ORP
P.O. Box 450
Richland, WA 99352

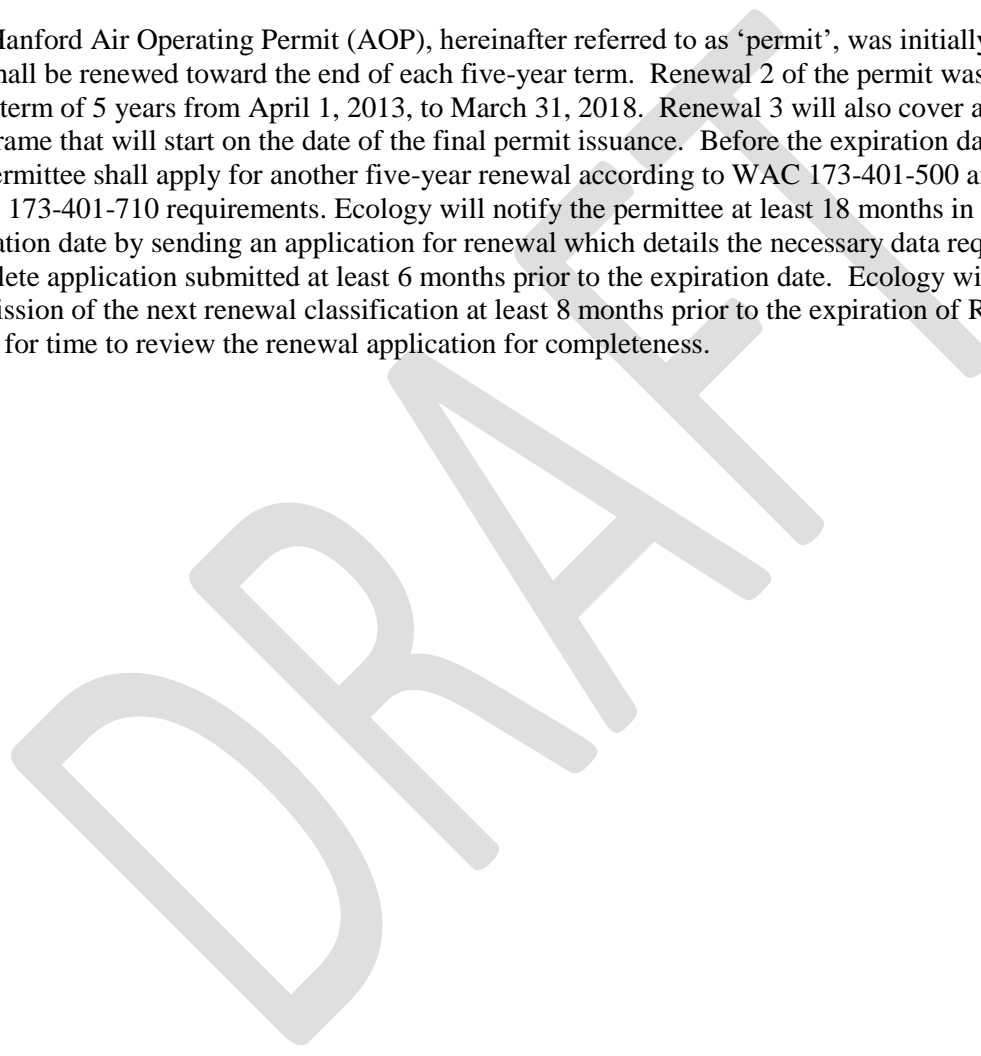
2 Physical Address

Department of Energy-RL
2420 Stevens Center Place
Richland, WA 99354

Department of Energy-ORP
2440 Stevens Center Place
Richland, WA 99354

3 The Hanford Air Operating Permit (AOP), hereinafter referred to as ‘permit’, was initially issued in 2001,
4 and shall be renewed toward the end of each five-year term. Renewal 2 of the permit was issued for a
5 fixed term of 5 years from April 1, 2013, to March 31, 2018. Renewal 3 will also cover a fixed five year
6 timeframe that will start on the date of the final permit issuance. Before the expiration date of renewal 3,
7 the permittee shall apply for another five-year renewal according to WAC 173-401-500 and
8 WAC 173-401-710 requirements. Ecology will notify the permittee at least 18 months in advance of the
9 expiration date by sending an application for renewal which details the necessary data required to have a
10 complete application submitted at least 6 months prior to the expiration date. Ecology will request the
11 submission of the next renewal classification at least 8 months prior to the expiration of Renewal 3 to
12 allow for time to review the renewal application for completeness.

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Alexandra K. Smith, Program Manager
Nuclear Waste Program
Department of Ecology
State of Washington

Date

Earl Fordham, Deputy Director
Office of Radiation Protection
Division of Environmental Public Health
Department of Health
State of Washington

Date

Robin Priddy, PE
Control Officer/Executive Director
Benton Clean Air Agency

Date

Philip Gent, PE
Nuclear Waste Program
Department of Ecology
State of Washington

Date

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18 **ATTACHMENTS**
19 **ATTACHMENT 1** **Ecology Permit**
20 1. Emission Standards and Limitations
21 2. Compliance and Periodic Monitoring Provisions
22 3. Recordkeeping
23 **ATTACHMENT 2** **Health License**
24 1. 40 CFR 61 Subpart A
25 2. 40 CFR 61 Subpart H
26 3. WAC 246-247
27 4. Quality Assurance Requirements for PCM Using Stack Sampling
28 5. Method for Monitoring and Reporting of Diffuse and Fugitive Sources and Emissions
29 **ATTACHMENT 3** **Benton Clean Air Agency Permit**

1 **1.0 LIST OF ABBREVIATIONS**

2	AOP	Hanford Air Operating Permit
3	BCAA	Benton Clean Air Agency
4	CFR	Code of Federal Regulations
5	DOE	U.S Department of Energy
6	DOE-ORP	Office of River Protection
7	DOE-PNSO	Pacific Northwest Site Office
8	DOE-RL	Richland Operations Office
9	Ecology	State of Washington Department of Ecology
10	EPA	U.S. Environmental Protection Agency
11	FCAA	Federal Clean Air Act
12	FF-01	State of Washington Department of Health Radioactive Air Emissions License
13	GHG	greenhouse gas
14	Health	State of Washington Department of Health
15	HEPA	high-efficiency particulate air (filter)
16	mrem	millirem
17	MSW	municipal solid waste
18	MVAC	motor vehicle air conditioner
19	NESHAP	National Emission Standard for Hazardous Air Pollutants
20	NOC	notice of construction
21	NRC	U.S. Nuclear Regulatory Commission
22	NSR	new source review
23	PCHB	Pollution Control Hearings Board
24	PM-10	particulate matter less than or equal to 10 microns in size
25	PM-2.5	particulate matter less than or equal to 2.5 microns in size
26	PNNL	Pacific Northwest National Laboratory
27	RACT	reasonably available control technology
28	RCW	Revised Code of Washington
29	SIP	state implementation plan
30	Statement	Statement of Basis
31	U.S.C.	United States Code
32	VOC	volatile organic compound
33	WAC	Washington Administrative Code

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1 **2.0 GENERAL HANFORD SITE INFORMATION**

2 The Hanford Site was acquired by the federal government in 1943 and for many years was dedicated
3 primarily to the production of plutonium for national defense and the management of the resulting waste.
4 With the shutdown of the production facilities in the 1970s and 1980s, missions were redirected to
5 decommission and site cleanup, and diversified to include research and development in the areas of
6 energy, waste management, and environmental restoration. Decommissioned facilities or emission units
7 are those that cannot be operated as is, and are not planned to operate again. In the extremely unlikely
8 event that a decommissioned facility or emission unit is reactivated, an applicable requirements
9 assessment must be completed first.

10 The Hanford Site, located in south central Washington State, occupies about 1,450 square kilometers
11 (approximately 560 square miles) of semi-arid shrub and grasslands just north of the confluence of the
12 Snake and Yakima Rivers with the Columbia River. This land, with restricted public access, provides a
13 buffer for the smaller areas historically used for the production of nuclear materials, waste storage, and
14 waste disposal. The Hanford site is divided into the following five operational areas:

- 15 • 100 Area, including 100-B/C, 100-D, 100-DR, 100-F, 100-H, 100-K, and 100-N Areas, which lie
16 along the south shore of the Columbia River in the northern portion.
- 17 • 200 Area, including 200 East and 200 West Areas, which lie in the center near the basalt outcrops
18 of Gable Mountain and Gable Butte.
- 19 • 300 Area, near the southern border of the Hanford Site.
- 20 • 400 Area, between the 300 and 200 Areas.
- 21 • 600 Area, land not within the defined boundaries of the other operational areas.

22 Other areas and facilities that support Hanford Site activities can be found in the nearest cities (i.e.,
23 Richland, Kennewick, and Pasco). The facilities in these areas are not considered part of the Hanford Site
24 major source because these areas are not considered contiguous or adjacent to the Hanford Site. These
25 areas include, but are not limited to, the following facilities:

- 26 • 700 Area in Richland, i.e., 825 and 712 Buildings.
- 27 • Richland Central Area, i.e., Butler Loop facilities and the Hanford Technical Training Center.
- 28 • 1100 Area, Stevens Center, Evergreen Facilities, Cold Test Facility, various PNNL-operated
29 facilities (as specified herein), Benton County Sheriff’s Facilities including firing range and
30 training course

31 The Hanford site is considered a “major source” of air pollutant emitting activities. A partial list of North
32 American Industry Classification System categories include:

- 33 541710 Research and Development in the Engineering and Life Sciences
- 34 562210 Waste Treatment and Disposal
- 35 562910 Remediation Services
- 36 924110 Administration of Air and Water Resource and Solid Waste Management Program
- 37 999999 Unclassified Establishments.

38 This permit specifically excludes facilities that do not meet the criteria for inclusion in a major source
39 subject to the Air Operating Permit Regulation (i.e., WAC 173-401-200(19)); the exclusion criteria are
40 described in the Statement of Basis. Examples of facilities excluded at the time of permit renewal in are
41 the following:

- 42 • PermaFix Northwest Richland
- 43 • Unitech Services, Inc. (doing business as Unifirst) laundry

- 1 • Pacific Northwest National Laboratory operated by Battelle Memorial
- 2 • Energy Northwest Applied Process Engineering Laboratory
- 3 • Laser Interferometer Gravitational-Wave Observatory
- 4 • all Energy Northwest facilities not determined to be a support facility
- 5 • all Port of Benton facilities not determined to be a support facility
- 6 • US Ecology, Inc. commercial low-level radioactive waste burial site
- 7 • Kaiser Aluminum and Chemical Corporation extrusion press located in an 1100 Area Building
- 8 • AREVA NP
- 9 • Tri-City and Olympia Railroad, located in an 1100 Area Building
- 10 • PN Services
- 11 • Oasis Physical Therapy located at the Stevens Center
- 12 • Montessori School located at the Stevens Center
- 13 • Corporate Health Facility located at the Stevens Center
- 14 • Bulk Vitrification Testing Facility located across from Hammer in Richland.

15 **3.0 EMISSION UNITS IDENTIFICATION**

16 Emission units subject to this permit are identified in Attachments 1 through 3.

17 **4.0 PERMIT PROVISOS**

18 **4.1 Permit Shield**

19 **4.1.1** Compliance with the conditions of this permit shall be deemed compliance with those
20 applicable requirements that are specifically included in and identified in the permit as of
21 the date of permit issuance. [WAC 173-401-640(1)]

22 **4.1.2** The permit shield shall not apply to any insignificant emissions unit or activity
23 designated under WAC 173-401-530. [WAC 173-401-530(3)]

24 **4.2 Severability**

25 If any provision of this permit is held to be invalid, all unaffected provisions of the permit shall remain in
26 effect and be enforceable. [WAC 173-401-620(2)(h); RCW 70.94.905 (State Only)]

27 **4.3 Property Rights**

28 This permit does not convey any property rights of any sort, or any exclusive privilege. [WAC 173-401-
29 620(2)(d)]

30 **4.4 Transfer of Ownership or Operation**

31 A change of ownership or operational control of this source shall be treated as an administrative permit
32 amendment if no other changes in this permit are necessary and provided that a written agreement
33 containing a specific date for transfer of permit responsibility, coverage, and liability between the current
34 and new permittee has been submitted to Ecology, Health, and BCAA. DOE is considered the owner and
35 operator of Hanford and contract changes to contractors to DOE are not considered changes in ownership
36 or operational control. [WAC 173-401-720(1)(d)]

37 **4.5 Emissions Trading**

38 No permit revision shall be required under any approved economic incentives, marketable permits,
39 emissions trading, and other similar programs or processes for changes that are provided in this permit.
40 [WAC 173-401-620(2)(g)]

1 **4.6 Enforceability**

2 All terms and conditions are enforceable by the U.S. Environmental Protection Agency (EPA) and United
3 States citizens unless specifically designated as not federally enforceable or listed as an inapplicable
4 requirement in Table 5.1 [WAC 173-401-625]. Any paraphrasing of regulations or other applicable
5 requirements is for the convenience of the reader. The underlying applicable requirement is the
6 enforceable requirement.

7 **4.7 General Obligation – Exclusions**

8 Nothing in this permit shall alter or affect the following

- 9 a. The provisions of Section 303 of the FCAA (emergency orders), including the authority of the
10 administrator under that section;
- 11 b. The liability of an owner or operator of a source for any violation of applicable requirements prior
12 to or at the time of permit issuance;
- 13 c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the
14 FCAA;
- 15 d. The ability of EPA to obtain information from a source pursuant to Section 114 of the FCAA; or
- 16 e. The ability of Ecology to establish or revise requirements for the use of reasonably available
17 control technology (RACT) as provided in Chapter 252, Laws of 1993.
18 [WAC 173-401-640(4)]

19 **4.8 Reasonably Available Control Technology**

20 Emission standards and other requirements contained in rules or regulatory orders in effect at the time of
21 operating permit issuance or renewal shall be considered RACT for purpose of permit issuance or
22 renewal. This does not preclude RACT determinations under Section 8, Chapter 252, Laws of 1993,
23 which shall be incorporated into an operating permit as provided in WAC 173-401-730. [WAC 173-401-
24 605(3) and RCW 70.94.154, 2011 (State Only)]

25 **4.9 Need to Halt or Reduce Activity Not a Defense**

26 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt
27 or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [WAC
28 173-401-620(2)(b)]

29 **4.10 Permit Actions**

30 This permit may be modified, revoked, reopened, reissued, or terminated for cause. The filing of a
31 request by the permittee for a permit modification, revocation and reissuance, termination, or of a
32 notification of planned changes or anticipated noncompliance does not stay any permit condition.
33 [WAC173-401-620(2)(c)]

34 **4.11 Permit Continuance**

35 This permit and all terms and conditions contained therein, including any permit shield provided under
36 WAC 173-401-640, shall not expire until renewal permit has been issued or denied if a timely and
37 complete application has been submitted. An application shield granted pursuant to WAC 173-401-
38 705(2) shall remain in effect until the renewal permit has been issued or denied if a timely and complete
39 application has been submitted. [WAC 173-401-620(2)(j)]

40 **4.12 Permit Appeals**

41 The permittee has the right to appeal this permit or any condition in the permit, including the Attachments
42 or any conditions in the Attachments to the Pollution Control Hearings Board (PCHB) within 30 days of

1 the date of receipt of this permit. The appeal process is governed by Chapter 43.21B RCW and Chapter
2 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

3 To appeal, the permittee must do the following within 30 days of the date of receipt of this permit:

- 4 • File the appeal and a copy of this Order with the PCHB (see addresses below). Filing means
5 actual receipt by the PCHB during regular business hours.
- 6 • Serve a copy of the appeal and this Order on Ecology - in paper form - by mail or in person (See
7 addresses below). E-mail is not accepted.

8 The permittee must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter
9 371-08 WAC.

10 Address and Location Information:

Street Addresses

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

Pollution Control Hearings Board
1111 Israel RD SW
STE 301
Tumwater, WA 98501

Mailing Addresses

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

Pollution Control Hearings Board
PO Box 40903
Olympia, WA 98504-0903

11 This provision for appeal in this section is separate from and additional to any federal rights to petition and
12 review under Section 505(b) of the FCAA. [WAC 173-401-620(2)(i), RCW 70.94.221 (State only)]

13 **5.0 PERMIT ADMINISTRATION**

14 **5.1 Duty to Comply**

15 The permittee must comply with all conditions of this WAC 173-401 permit. Any permit noncompliance
16 constitutes a violation of Chapter 70.94 RCW and, for federally enforceable provisions, a violation of the
17 FCAA. Such violations are grounds for enforcement action; for permit termination, revocation and
18 reissuance, or modification; or for denial of a permit renewal application. [WAC 173-401-620(2)(a)]

19 **5.2 Inspection and Entry**

20 On presentation of appropriate credentials and equipped with appropriate personal protective equipment,
21 the permittee shall allow Ecology, Health, BCAA, and EPA to perform the following:

- 22 a. Enter upon the permittee's premises where a Chapter 401 source is located or emissions related
23 activity is conducted, or where records must be kept under the conditions of this permit.
- 24 b. Have access to and copy, at reasonable times, any records that must be kept under the conditions
25 of this permit.
- 26 c. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution
27 control equipment), practices, or operations regulated or required under this permit. Health may
28 require a demonstration of as low as reasonably achievable control technology at any time.
29 Where controlled access areas will be entered, Ecology, Health, or BCAA shall provide a
30 reasonable advance notice and enter in the presence of a facility representative.
- 31 d. As authorized by WAC 173-400-105 and the FCAA, sample or monitor, at reasonable times,
32 substances or parameters for the purpose of assuring compliance with the permit.

33 [WAC 173-401-630(2); RCW 70.94.200 (State only)]

- 1 **5.2.1** Ecology may require the permittee to conduct stack and/or ambient air monitoring and
2 report the results to Ecology. [WAC 173-400-105(2)]
- 3 **5.2.2** Ecology may conduct or require that a test be conducted using approved EPA methods
4 from 40 Code of Federal Regulations (CFR) Parts 51, 60, 61 and 63 or approved
5 procedures contained in “Source Test Manual - Procedures for Compliance Testing,”
6 Ecology, 7/12/90. The permittee may be required to provide platform and sampling
7 ports. Ecology shall be allowed to obtain a sample from any emissions unit. The
8 permittee shall be given the opportunity to observe the sampling and to obtain a sample at
9 the same time. [WAC 173-400-105(4)]
- 10 **5.2.3** The permittee shall respond in writing in a timely manner, or within a time limit set by
11 Health per WAC 246-247-080(11) (State only), to inspection results that require a facility
12 to implement corrective actions or any other actions so directed by Health.
- 13 **5.2.4** Nothing in this condition shall limit the ability of EPA to inspect or enter the premises of
14 the permittee under Section 114 or other provisions of the FCAA.
- 15 **5.2.5** No person shall obstruct, hamper, or interfere with any such authorized representative
16 while in the process of carrying out their official duties. In the event the hazards
17 associated with accessibility to a unit require training and/or restrictions or requirements
18 for entry, the permittee shall inform Ecology, Health, or BCAA before arrival of those
19 restrictions or requirements. The permittee shall be responsible for providing the
20 necessary training, escorts, and support services to allow Ecology, Health, or BCAA to
21 inspect. [WAC 173-401-630(2); WAC 246-247-080(1); WAC 246-247-080(9); and
22 RCW 70.94.200]

23 **5.3 Permit Fees**

24 The permittee shall pay fees as a condition of this permit in accordance with Ecology’s fee schedule.
25 Failure to pay fees in a timely fashion shall subject the permittee to civil and criminal penalties as
26 described in Chapter 70.94 RCW. Ecology may revoke this permit if the permit fees are not paid.
27 [WAC 173-401-620(2)(f); RCW 70.94.162(1); and WAC 173-401-930(3)]

28 Per WAC 246-247-065, fees for all non-AOP airborne emissions of radioactive materials shall be
29 submitted in accordance with WAC 246-254-160. The permittee shall pay costs associated with direct
30 staff time of the air emissions program in accordance with WAC 246-254-120(1)(e). In any case where
31 the permittee fails to pay a prescribed fee or actual costs incurred during a calendar quarter, Health (1)
32 shall not process an application and (2) may suspend or revoke any license or approval involved; or (3)
33 may issue any order with respect to licensed activities as Health determines appropriate or necessary to
34 carry out the provisions of WAC 246-254-170. [WAC 246-247-065 (State only); WAC 246-254-120
35 (1)(e) (State only); and WAC 246-254-170 (State only)]

36 **5.4 Duty to Provide Information**

37 The permittee shall furnish to Ecology, Health, or BCAA, within a reasonable time, any information that
38 Ecology, Health, or BCAA may request in writing to determine whether cause exists for modifying,
39 revoking and reissuing, or terminating the permit or to determine compliance with the permit. On
40 request, the permittee also shall furnish to Ecology, Health, or BCAA copies of records required to be
41 kept by the permit or, for information claimed to be confidential, the permittee may furnish such records
42 directly to the administrator along with a claim of confidentiality. Ecology, Health, or BCAA shall
43 maintain confidentiality of such information in accordance with RCW 70.94.205. [WAC 173-401-
44 620(2)(e)]

45 [Note: The permittee shall afford access to requested copies of records containing classified information
46 provided the Ecology, Health or BCAA representatives reviewing the documents possess (1) the

1 appropriate access authorizations (security clearances) for the level and category of information involved,
2 (2) all required formal access approval(s), and (3) a legitimate need-to-know. [WAC 246-247-080(10)
3 (State only)]

4 **5.5 Submittals**

5 **5.5.1** Reports, test data, monitoring data, notifications, and compliance certifications regarding
6 nonradioactive air emissions, except open burning, shall be submitted as specified in
7 Attachment 1 to:

8 **Program Manager**

9 Nuclear Waste Program
10 State of Washington
11 Department of Ecology
12 3100 Port of Benton Blvd
13 Richland, WA 99354

14 or other address as directed by Ecology.

15 **5.5.2** Reports, test data, monitoring data, notifications, and compliance certifications regarding
16 radioactive air emissions shall be submitted as specified in Attachment 2 to:

17 **Manager**

18 State of Washington Department of Health
19 The Division of Environmental Health
20 The Office of Radiation Protection
21 Radioactive Air Emissions Section
22 309 Bradley Blvd, Suite 201
23 Richland, WA 99352

24 or other address as directed by Health.

25 **5.5.3** Reports, test data, monitoring data, notifications, and compliance certifications required
26 to be sent to the EPA shall be submitted to:

27 **ATTN:** Air Permits Office AWT-07
28 U.S. EPA Region 10 Administrator
29 1200 Sixth Avenue, Suite 900
30 Seattle, WA 98101-3140

31 or other address as directed by the EPA.

32 **5.5.4** Reports, notifications, and compliance certifications regarding regulated open burning
33 activities shall be submitted as specified in Attachment 3 to:

34 Control Officer
35 Benton Clean Air Agency
36 526 South Steptoe Street
37 Kennewick, WA 99336

38 or other address as directed by the BCAA.

39 **5.5.5** Any application form, report, or compliance certification submitted to Ecology, Health,
40 BCAA, or EPA pursuant to this permit shall contain certification by a responsible official
41 of truth, accuracy, and completeness. All certifications shall state that based on
42 information and belief formed after reasonable inquiry, the statements and information in
43 the document are true, accurate, and complete. [WAC 173-401-520 and WAC 173-401-
44 615]

1 **5.5.6** No person shall make any false material statement, representation or certification in any
2 form, notice or report required under chapter 70.94 or 70.120 RCW, or any ordinance,
3 resolution, regulation, permit or order in force pursuant thereto. [WAC 173-400-105(7)]

4 **5.5.7** No person shall render inaccurate any monitoring device or method required under
5 chapter 70.94 or 70.120 RCW, or any ordinance, resolution, regulation, permit, or order
6 in force pursuant thereto. [WAC 173-400-105(8)]

7 **5.6 Semiannual Reporting**

8 **5.6.1** Semiannual reports shall be submitted by September 15th and by March 15th. Reports for
9 January 1st through June 30th and July 1st through December 31st, shall be due September
10 15th and March 15th, respectively. All instances of deviations from permit requirements
11 must be clearly identified in such reports. All required reports must be certified by a
12 responsible official consistent with WAC 173-401-520. [WAC 173-401-615(3)(a)]

13 **5.6.2** Each semiannual report shall contain the following information for the applicable
14 reporting period.

- 15 a. Reference to reports submitted to the regulatory agencies as required by Section
16 5.16.
- 17 b. Reports of any required monitoring not previously submitted or reference to
18 reports of required monitoring that were submitted previously during the
19 reporting period.
- 20 c. A summary of any substantiated air emission complaint investigation(s) required
21 in Section 1.4 of Attachment 1 and issued during the reporting period.
- 22 d. For all minor radioactive emission units (potential to emit <0.1 millirem [mrem]
23 to the maximally exposed individual listed in Attachment 2), a general statement
24 confirming that any required monitoring was conducted to verify low emissions
25 during the reporting period for those emission units with specific periodic
26 monitoring required during that period. For all emission units with continuous
27 monitoring, a general statement will be provided stating that required monitoring
28 operated continuously.
- 29 e. Emission unit(s) that operated for any part of the calendar year, and were not
30 closed per WAC 246-247-080(6) (reference to FF-01 Attachment 2), will have
31 monitoring data reported in the annual National Emission Standard for
32 Hazardous Air Pollutants (NESHAP) report (Section 5.11). Diffuse and Fugitive
33 minor emission units listed in Attachment 2 are not required to be reported on
34 except annually as a composite portion of the annual NESHAP report.
- 35 f. List any new regulatory orders, (e.g., Notice of Construction [NOC]) imposed
36 during the reporting period by Ecology or Health.

37 [WAC 173-401-615(3)(a)]

38 **5.6.3** Submittal of the information required in Section 5.11 Annual NESHAPs Report will meet
39 the semiannual reporting requirements of diffuse and fugitive sources in Table 2.1 of
40 Attachment 1 and point source emission unit specific information (i.e., height, diameter,
41 velocity, temperature, and operational status) of the FF-01 License.

42 **5.7 Recordkeeping**

43 **5.7.1** Permittee shall keep records of required monitoring information that includes, where
44 applicable, the following:

- a. The date, place, and time of sampling or measurements;
- b. The date(s) analyses were performed;
- c. The company or entity that performed the analyses;
- d. The analytical techniques or methods used;
- e. The results of such analyses; and
- f. The operating conditions as existing at the time of sampling or measurement.

[WAC 173-401-615(2)(a)]

5.7.2 Permittee shall keep records describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes. [WAC 173-401-615(2)(b)]

5.7.3 Permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings from continuous monitoring instrumentation, and copies of all reports required by this permit. [WAC 173-401-615(2)(c)]

5.8 Monitoring and Recordkeeping for Emission Units without Continuous Operation

5.8.1 Emission Units with Nonradioactive Air Emission Conditions

The permittee is not required to conduct the monitoring and associated recordkeeping for any emission unit if the emission unit did not operate at any time between required monitoring events (e.g., if the monitoring requires recording pressure drop daily, such readings would not be required on any full day in which the emission unit did not operate), provided the following conditions are met.

5.8.1.1 Permanent shutdown of the emission unit:

- a. The permittee makes a contemporaneous record in a log or file maintained on site of the date and time that the emission unit ceased operation and,
- b. The permittee shall provide written notice to Ecology within a reasonable time.

5.8.1.2 Temporary shutdown of the emission unit:

- a. The permittee makes a contemporaneous record in a log or file maintained on site of the date and time that the emission unit ceased operation and the reason why the emission unit did not operate;
- b. The permittee makes a contemporaneous record in a log or file maintained on site of the date and time that the emission unit resumed operation; and
- c. The periodic report of monitoring required by Section 5.6 and/or the specific permit condition includes a summary of the period or periods when the emission unit did not operate.

5.8.2 Emission Units with Radioactive Air Emission Conditions

The permittee is not required to conduct the monitoring and associated recordkeeping for any emission unit if the emission unit did not operate at any time between required monitoring events (e.g., if the monitoring requires continuous sampling, such readings

1 would not be required on any full day in which the emission unit did not operate),
2 provided the following conditions are met.

3 Note: These conditions do not apply to temporary radioactive emissions units (e.g.,
4 high-efficiency particulate air [HEPA] vacuums or portable/temporary radioactive air
5 emission units, etc.).

6 **5.8.2.1** Permanent shut down of an emission unit.

7 **5.8.2.1.1** The permittee shall complete the monitoring and associated recordkeeping for the period
8 before the shutdown.

9 **5.8.2.1.2** The facility shall file a report of closure with Health whenever operations producing
10 emissions of radioactive material are permanently ceased at any emission unit (except
11 temporary radioactive emission units) regulated under WAC 246-247. The closure report
12 shall indicate whether, despite cessation of operations, there is still a potential for
13 radioactive air emissions and a need for an active or passive ventilation system with
14 emission control and/or monitoring devices. If decommissioning is planned and will
15 constitute a modification, a NOC shall be required, as applicable, in accordance with
16 WAC 246-247-080(6).

17 **5.9 Annual Air Emission Inventory**

18 The permittee shall upon notification by the director of Ecology, maintain records on the type and
19 quantity of emissions from the source and other information deemed necessary to determine whether the
20 source is in compliance with applicable emission limitations and control measures. The annual emission
21 inventory shall be submitted to Ecology on forms provided by Ecology. When submittal of emission
22 inventory information for criteria pollutants is requested by Ecology, the emissions inventory shall be
23 submitted no later than 105 days after the end of the calendar year. The annual air emissions inventory
24 report will minimally contain information on air emissions:

- 25 a. For emission unit composites, as requested and listed in the permit Attachment 1, Section 2.4
26 and,
27 b. For other emission units as directed by Ecology on forms provided to the permittee.
28 [WAC 173-400-105]

29 **5.10 Annual Compliance Certification**

30 **5.10.1** Annual compliance certification will be certified consistent with WAC 173-401-520
31 requirements, and submitted by July 31st for the previous calendar year. The report is to
32 be certified for truth, accuracy, and completeness by a Responsible Official
33 [WAC 173-401-200(29)]. The compliance certification will consist of the following:

- 34 a. Each emission unit-specific term or condition listed in Attachments 1, 2, and 3,
35 pursuant to the source's or emission unit's operational portion of the calendar
36 year. Source(s) or emission unit(s) closed per request letter (Ecology) or
37 pursuant to WAC 246-247-080(6) (Health), prior to January 1st of the reporting
38 period will not be included in the calendar year certification report;
39 b. The compliance status;
40 c. Whether compliance was continuous, intermittent, or not applicable;
41 d. The method(s) used to determine the compliance status of the source over the
42 reporting period consistent with WAC 173-401-615(3)(a); and
43 e. Such other facts as Ecology, Health, or BCAA may require in order to determine
44 the compliance status of the source.

1 **5.10.2** All compliance certifications shall be submitted to Ecology, Health, or BCAA with a
2 copy to EPA at the address shown in Section 5.5 by July 31st of the following calendar
3 year.

4 **5.10.3** Submittal of the information required in Section 5.11 Annual NESHAPs Report will meet
5 the annual compliance certification requirements of diffuse and fugitive sources in Table
6 2.1 of Attachment 1 and point source emission unit specific information (i.e., height,
7 diameter, velocity, temperature, and operational status) of the FF-01 License.
8 [WAC 173-401-520, WAC 173-401-630 and WAC 246-247]

9 **5.11 Annual NESHAPs Reporting**

10 Submit an annual NESHAPs report that shall consist of the annual Radionuclide Air Emissions Report for
11 the Hanford Site required by 40 CFR 61.94

12 **5.11.1** Compliance with this standard shall be determined by calculating the highest effective
13 dose equivalent to any member of the public at any offsite point where there is a
14 residence, school, business or office. The owners or operators of each facility shall
15 submit an annual report to both EPA headquarters and the appropriate regional office by
16 June 30th which includes the results of the monitoring as recorded in DOE's Effluent
17 Information System and the dose calculations required by 40 CFR 61.93(a) for the
18 previous calendar year.

19 **5.11.2** The annual report shall include:

- 20 a. Name and location of the facility;
21 b. List of the radioactive materials used at the facility;
22 c. Descriptions of the handling and processing that the radioactive materials
23 undergo at the facility;
24 d. List of the stacks or vents or other points where radioactive materials are released
25 to the atmosphere;
26 e. Description of the effluent controls used on each stack, vent, or other release
27 point and an estimate of the efficiency of each device;
28 f. Distances from the point(s) of release to the nearest residence, school, business or
29 office and the nearest farms producing vegetables, milk, and meat;
30 g. Values for all other user supplied input parameters for computer models (e.g.,
31 meteorological data) and sources of these data; and
32 h. Brief description of all construction and modifications completed in the calendar
33 year for which the report is prepared, but for which the requirement to apply for
34 approval to construct or modify was waived under 40 CFR 61.96 and associated
35 documentation developed by DOE to support the waiver. EPA reserves the right
36 to require that DOE send to EPA all the information that normally would be
37 required in an application to construct or modify, following receipt of the
38 description and supporting documentation.

- 1 **5.11.3** The annual report shall also include:
- 2 a. Results of emission measurements for those emission units subject only to
- 3 periodic confirmatory measurements;
- 4 b. Wind rose or joint frequency table;
- 5 c. Annual average ambient temperature;
- 6 d. Annual average emission unit gas temperature, if available;
- 7 e. Annual total rainfall;
- 8 f. Annual average emission unit flow rate and total volume of air released during
- 9 the calendar year; and
- 10 g. If additional information is available in another annual report, the permittee may
- 11 provide a copy of that report along with the listed information requirements.

12 [WAC 246-247-080(3)(State only)]

- 13 **5.11.4** Each report shall be signed and dated by a corporate officer or public official in charge of
- 14 the facility and contain the following declaration immediately above the signature line:
- 15 “I certify under penalty of law that I have personally examined and am familiar with the
- 16 information submitted herein and based on my inquiry of those individuals immediately
- 17 responsible for obtaining the information, I believe that the submitted information is true,
- 18 accurate and complete. I am aware that there are significant penalties for submitting false
- 19 information including the possibility of fine and imprisonment. {18 U.S.C. 1001}.”
- 20 Note: The certification language (including the 18 United States Code [U.S.C.] 1001)
- 21 comes directly from 40 CFR 61.94(b)(9) and is an applicable requirement for the annual
- 22 report. The report is to be submitted to both the EPA as well as the Health.

23 **5.12 Environmental Surveillance Program**

24 Under the requirements of WAC 246-247-075(9), Health may conduct an environmental surveillance

25 program to ensure that radiation doses to the public from emission units are in compliance with applicable

26 standards. Health may require the operator of an emission unit to conduct stack sampling, ambient air

27 monitoring, or other testing as necessary to demonstrate compliance with the standards in 40 CFR 61.92

28 and WAC 246-247-040.

29 **5.13 Emission Standards and Controls for Sources Emitting Gasoline Vapors**

30 Stage 1 requirements are applicable to 20 eastern Washington with new gasoline dispensing facilities

31 greater than 10,000 gallons storage capacity (Section 2.4 in Attachment 1). Hanford is located in one of

32 these 20 eastern counties (Benton County). Total annual throughput records shall be maintained for the

33 most recent 2-year period. [WAC 173-491]

34 **5.14 Accidental Release Prevention Requirements**

35 The Hanford Site is currently not subject to 40 CFR 68 (Chemical Accident Prevention Provisions).

36 **5.15 Approval Order Terms and Conditions that Become Irrelevant During**
37 **Permit Term**

38 Nothing herein shall be construed to preclude the permittee from making changes consistent with Chapter

39 401 that would render existing permit compliance terms and conditions irrelevant.

40 [(WAC 173-401-725(4)(a))]

1 **5.16 Permit Deviation Reporting**

2 The permittee shall report deviations from permit conditions, including those attributable to upset
3 conditions as defined below, the probable cause of such deviations, and any corrective actions or
4 preventative measures taken.

5 **5.16.1 Potential Threats to Human Health or Safety**

6 Deviations, which represent a potential threat to human health or safety, shall be reported
7 promptly or as soon as possible. Promptly, as defined here, means as soon as possible
8 following discovery¹, but in no case later than 12 hours after discovery¹ of a potential
9 threat to human health or safety. This notice shall contain a description of the
10 emergency, any steps taken to mitigate emissions, and corrective actions taken. This
11 notice fulfills the immediate reporting requirements of WAC 173-401-615(3)(b),
12 WAC 173-400-107(3) and WAC 246-247-080(5) (State Only).

13 **5.16.2 Non-Health or Safety Related Deviations**

14 **5.16.2.1** Other deviations from permit requirements or excess emissions shall be reported within
15 30 days after the end of the month during which the deviation is discovered or as part of
16 routine emission monitoring reports. [WAC 173-401-615(3)(b) and WAC 173-400-
17 107(3)]

18 **5.16.2.2** Additional written reports may be required by either Ecology or Health, according to the
19 requirements of WAC 173-400-107(3) or WAC 246-247-080(5) (State only) respectively.

20 **5.16.2.3** Notification must be given to Health within 24 hours (or during the course of the next
21 normal business day) from the time of discovery of the condition or emission that would
22 require notification pursuant to WAC 246-247-080(5) (State only). Such notification
23 shall be required for other than normal operations when a potential or actual release of
24 radionuclides to the air is due to any one or more of the following:

- 25 a. Non-routine bypass or failure of required abatement control technology identified
26 in Attachment 2.
- 27 b. Non-routine and/or unexpected operational changes resulting in increased
28 emissions.
- 29 c. An excess of the dose standard of 10 mrem/year for the Hanford Site.
- 30 d. Emission in excess of emission limits or conditions in a regulatory order (e.g.,
31 NOC, enforcement actions, or License).

32 **5.16.3 Excess Emissions Due to Emergency**

33 The permittee may seek to establish that noncompliance with a technology-based²
34 emission limitation under this permit was due to an emergency³, in accordance with

¹ Qualitative determination that a potential threat to public health or safety exists or existed after an evaluation of pertinent information.

² Technology-based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain a health based air quality standard.

³ An “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of this source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes this source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

1 WAC 173-401-645. To do so, the permittee shall demonstrate the affirmative defense of
2 emergency through properly signed, contemporaneous operating logs, or other relevant
3 evidence that:

- 4 a. An emergency occurred and that the permittee can identify the cause(s) of the
5 emergency;
- 6 b. The permitted source was at the time being properly operated;
- 7 c. During the period of the emergency the permittee did not allow the condition to
8 persist and took all reasonable steps to minimize levels of emissions that
9 exceeded the emissions standards, or other requirements in this permit;
- 10 d. The permittee submitted notice of the emergency to Ecology (non-radiological
11 emissions) and Health (radiological emissions) within 24 hours of the time when
12 emission limitations were exceeded due to the emergency or within 12 hours
13 when there is a threat to human health. This notice must contain a description of
14 the emergency, any steps taken to mitigate emissions, and corrective actions
15 taken

16 [WAC 173-400-107, WAC 173-401-615, WAC 173-401-645, and WAC 246-247-080
17 (State only)]

18 **5.16.4 Unavoidable Excess Emissions**

19 **5.16.4.1** Excess emissions determined to be unavoidable under the procedures and criteria in
20 WAC 173-400-107 shall be excused and not subject to penalty.

21 **5.16.4.2** The permittee shall have the burden of proving to Ecology that excess emissions were
22 unavoidable.

23 **5.16.4.3** Excess emission due to startup or shutdown conditions shall be considered unavoidable
24 provided the source reports as required under WAC 173-400-107(3) and adequately
25 demonstrates that the excess emissions could not have been prevented through careful
26 planning and design and if a bypass of control equipment occurs, that such bypass is
27 necessary to prevent loss of life, personal injury, or severe property damage.

28 **5.16.4.4** Excess emission due to scheduled maintenance shall be considered unavoidable if the
29 source reports as required under WAC 173-400-107(3) and adequately demonstrates that
30 the excess emissions could not have been avoided through reasonable design, better
31 scheduling for maintenance or through better operation and maintenance practices.

32 **5.16.4.5** Excess emissions due to upsets shall be considered unavoidable provided the source
33 reports as required under WAC 173-400-107(3) and adequately demonstrates that:

- 34 a. The event was not caused by poor or inadequate design, operation, maintenance,
35 or any other reasonably preventable condition;
- 36 b. The event was not of a recurring pattern indicative of inadequate design,
37 operation, or maintenance; and
- 38 c. The operator took immediate and appropriate corrective action in a manner
39 consistent with good air pollution control practice for minimizing emissions
40 during the event, taking into account the total emissions impact of the corrective
41 action, including slowing or shutting down the emission unit as necessary to
42 minimize emissions, when the operator knew or should have known that an
43 emission standard or permit condition was being exceeded.

44 **5.16.4.6** Excess emissions which represent a potential threat to human health or safety or which
45 the owner or operator of the source believes to be unavoidable shall be reported to

1 Ecology **as soon as possible**. Other excess emissions shall be reported within **thirty (30)**
2 **days** after the end of the month during which the event occurred or as part of the routine
3 emission monitoring reports. Upon request by Ecology, the permittee shall submit a full
4 written report including the known causes, the corrective actions taken, and the
5 preventative measures to be taken to minimize or eliminate the chance of recurrence.
6 [WAC 173-400-107(3) (State only)]

7 **5.17 Reporting of Greenhouse Gases**

8 If the permittee emits 10,000 metric tons of greenhouse gases (GHGs) or more per calendar year, as
9 defined under WAC 173-441-020(1)(g), reporting of GHGs to Ecology is mandatory. (Note: WAC 173-
10 441-030(5) details reporting requirements for facilities which exceed the threshold in 2012 or later years,
11 but subsequently have lower annual carbon dioxide equivalent emissions).

12 The permittee is subject to the following program requirements if GHG emissions exceed 10,000 metric
13 tons of GHGs.

14 Permittee shall develop a written GHG monitoring plan in accordance with WAC 173-441-050(6)(e).
15 The permittee shall revise the GHG monitoring plan as needed to reflect changes in processes, monitoring
16 instrumentation, and quality assurance procedures; or to improve procedures for the maintenance and
17 repair of monitoring systems to reduce the frequency of monitoring equipment downtime.
18 [WAC 173-441-050(6) (State only)]

19 Reports must meet the requirements of WAC 173-441-050, and include the annual emissions of the
20 GHGs listed in WAC 173-441-040 from source categories listed in WAC 173-441-120. The annual GHG
21 report shall be submitted electronically in accordance with the requirements of WAC 173-441-050 and
22 173-441-060 and in a format specified by Ecology.

23 All requests, notifications, and communications to Ecology pursuant to GHG emissions reporting, other
24 than submittal of the annual GHG report, shall be submitted to the following address:

25 **Greenhouse Gas Report**
26 Air Quality Program
27 Department of Ecology
28 P.O. Box 47600
29 Olympia, WA 98504-7600

30 The permittee shall submit a revised annual GHG report within 45 days of discovering that an annual
31 GHG report that the permittee previously submitted contains one or more substantive errors. A
32 substantive error is an error that impacts the quantity of GHG emissions reported or otherwise prevents
33 the reported data from being validated or verified. The revised report must correct all substantive errors.

34 Ecology may notify the permittee in writing that an annual GHG report previously submitted contains one
35 or more substantive errors. Such notification will identify each such error. The permittee shall, within 45
36 days of receipt of the notification, either resubmit the report that, for each identified substantive error,
37 corrects the identified substantive error (in accordance with the applicable requirements of this permit) or
38 provide information demonstrating that the previously submitted report does not contain the identified
39 substantive error or that the identified error is not a substantive error.
40 [WAC 173-441-050 (State only) and WAC 173-441-100 (State only)]

- 1 **5.17.1** Facilities required to report GHG emissions to the EPA under 40 CFR. Part 98 must
2 submit a report to Ecology no later than **March 31st** of each calendar year for GHG
3 emissions in the previous calendar year.
- 4 **5.17.2** Facilities which are not anticipated to be required to report GHG emissions to the EPA
5 under 40 CFR. Part 98 must submit a report to Ecology, no later than **October 31st** of
6 each calendar year, for GHG emissions in the previous calendar year if GHG emissions
7 were equal to or greater than the 10,000 metric tons threshold. Permittee is expected to
8 exceed this threshold and will be required to submit a GHG report by the October 31st
9 deadline.
- 10 **5.17.3** The Permittee shall maintain records in accordance with WAC 173-441-050.
11 [WAC 173-441-050(6) (State only)]
12 Permittee must pay a reporting fee for each year they submit a report to Ecology. [WAC
13 173-441-110 (State only)]
- 14 **5.18 Permit Renewal and Expiration**
- 15 **5.18.1** This permit is issued for a fixed term of five (5) years. The permittee's right to operate
16 this source terminates with the expiration of this permit unless a timely and complete
17 renewal application is submitted at least 8 months, but no earlier than 18 months, before
18 the date of permit expiration. On receipt of a timely and complete application for
19 renewal, this source may continue to operate subject to final action by Ecology, Health,
20 and BCAA on the renewal application. This protection shall cease to apply if, subsequent
21 to a completeness determination, the applicant fails to submit by the deadline specified in
22 writing by Ecology, Health, or BCAA any additional information identified as being
23 needed to process the renewal application. The application for renewal shall include the
24 current permit number, description of permit revisions and off-permit changes that
25 occurred during the permit term, any applicable requirements that were promulgated and
26 not incorporated into the permit during the permit term and shall provide a compliance
27 schedule therefore, and information listed in the renewal application sent to the applicant.
- 28 **5.18.2** Upon receipt of a complete and timely application for renewal, this source may continue
29 to operate subject to final action by Ecology on the renewal application.
- 30 **5.18.3** The application shall be sent to:
- 31 **Program Manager**
32 Nuclear Waste Program
33 State of Washington, Department of Ecology.
34 3100 Port of Benton Blvd.
35 Richland, WA 99354
36 and
- 37 **Manager**
38 State of Washington, Department of Health
39 The Division of Environmental Health
40 The Office of Radiation Protection
41 Radioactive Air Emissions Section
42 309 Bradley Blvd, Suite 201
43 Richland, WA 99352
44 and
- 45 **Control Officer**
46 Benton Clean Air Agency

- 1 526 South Steptoe Street
2 Kennewick, WA 99336
3 or other address, as directed by the agencies.
4 [WAC 173-401-610, WAC 173-401-710(1), WAC 246-247-060(6) (State only)]
- 5 **5.18.4** Duty to supplement or correct application. The permittee, upon becoming aware that any
6 relevant facts were omitted or incorrect information was submitted in the permit
7 application, shall promptly submit such supplementary facts or corrected information.
8 The permittee shall also provide additional information as necessary to address any
9 requirements that become applicable to the source after the date a complete renewal
10 application was submitted but prior to release of a draft permit. [WAC 173-401-500(6)]
- 11 **5.19 Off-permit Changes**
- 12 **5.19.1** The source shall be allowed to make changes not specifically addressed or prohibited by
13 the permit terms and conditions without requiring a permit revision, provided that the
14 proposed changes do not weaken the enforceability of the existing permit conditions.
15 Any change that is a Title I modification or is a change subject to the acid rain
16 requirements under Title IV of the FCAA must be submitted as a permit revision.
- 17 **5.19.2** Each such change shall meet all applicable requirements and shall not violate any
18 existing permit term or condition.
- 19 **5.19.3** Sources must provide contemporaneous written notice to Ecology and EPA of each such
20 change.
21 Notification shall be submitted to:
22 **Program Manager**
23 Nuclear Waste Program
24 State of Washington
25 Department of Ecology
26 3100 Port of Benton Blvd
27 Richland, WA 99352
28 and
29 **ATTN: Air Permits Office AWT-107**
30 U.S. EPA Region 10 Administrator
31 1200 Sixth Avenue, Suite 900
32 Seattle, WA 98101-3140
- 33 Such written notice shall describe each such change, including the date, any change in
34 emissions, pollutants emitted, and any applicable requirement that would apply as a result
35 of the change.
- 36 **5.19.4** The change shall not qualify for the permit shield under WAC 173-401-640.
- 37 **5.19.5** The permittee shall keep a record describing changes made at the source that result in
38 emissions of a regulated air pollutant subject to an applicable requirement, but not
39 otherwise regulated under the permit, and the emissions resulting from those changes.
- 40 **5.19.6** A source making a change under this section shall comply with applicable
41 preconstruction review requirements established pursuant to RCW 70.94.152.
42 [WAC 173-401-724]

1 **5.20 Changes Not Requiring Permit Revisions**

2 **5.20.1** Permittee is authorized to make the changes described in this section without a permit
3 revision, providing the following conditions are met:

- 4 a. The proposed changes are not Title I modifications;
- 5 b. The proposed changes do not result in emissions which exceed those allowable
6 under the permit, whether expressed as a rate of emissions, or in total emissions;
- 7 c. The proposed changes do not alter permit terms that are necessary to enforce
8 limitations on emissions from units covered by the permit; and
- 9 d. The source provides the administrator and Ecology with written notification at
10 least seven (7) days prior to making the proposed changes except that written
11 notification of a change made in response to an emergency shall be provided as
12 soon as possible after the event.

13 Notification shall be submitted to:

14 **Program Manager**

15 Nuclear Waste Program
16 State of Washington
17 Department of Ecology
18 3100 Port of Benton Blvd
19 Richland, WA 99352

20 and

21 **ATTN:** Air Permits Office AWT-107
22 U.S. EPA Region 10 Administrator
23 1200 Sixth Avenue, Suite 900
24 Seattle, WA 98101-3140

25 The permittee and Ecology shall attach each notice to their copy of the relevant permit.

26 **5.20.2** Pursuant to conditions in 5.20.1, a Chapter 173-401 WAC source is authorized to make
27 Title V Section 502(b)(10) changes without a permit revision.

28 **5.20.2.1** For each such change, the written notification required shall include a brief description of
29 the change within the permitted source, the date on which the change will occur, any
30 change in emissions, and any permit term or condition that is no longer applicable as a
31 result of the change.

32 **5.20.2.2** The permit shield authorized under WAC 173-401-640 shall not apply to any change
33 made pursuant to this paragraph.

34 **5.20.3** A Chapter 173-401 WAC source is authorized to trade increases and decreases in
35 emissions in the permitted source, where the Washington state implementation plan (SIP)
36 provides for such emissions trades without requiring a permit revision. This provision is
37 available in those cases where the permit does not already provide for such emissions
38 trading.

- 1 **5.20.3.1** Written notification shall include such information as may be required by the provision in
2 the Washington SIP authorizing the emissions trade, including at a minimum, when the
3 proposed change will occur, a description of each such change, any change in emissions,
4 the permit requirements with which the source will comply using the emissions trading
5 provisions of the Washington SIP, and the pollutants emitted subject to the emissions
6 trade. The notice shall also refer to the provisions with which the source will comply in
7 the applicable implementation plan and that provide for the emissions trade.
- 8 **5.20.3.2** The permit shield described in WAC 173-401-640 shall not extend to any change made
9 under this paragraph. Compliance with the permit requirements that the source will meet
10 using the emissions trade shall be determined according to requirements of the applicable
11 SIP authorizing the emissions trade.
- 12 **5.20.4** Upon the request of the permittee, Ecology shall issue permits that contain terms and
13 conditions, including all terms required under WAC 173-401-600 through 173-401-630
14 to determine compliance, allowing for the trading of emissions increases and decreases in
15 the WAC 173-401 source solely for the purpose of complying with a federally
16 enforceable emissions cap that is established in the permit independent of otherwise
17 applicable requirements. The permittee shall include in its application proposed
18 replicable procedures and permit terms that ensure the emissions trades are quantifiable
19 and enforceable. The emissions trading provisions shall not be applied to any emissions
20 units for which emissions are not quantifiable or for which there are no replicable
21 procedures to enforce the emissions trades.
- 22 **5.20.4.1** Written notification, shall state when the change will occur and shall describe the changes
23 in emissions that will result and how these increases and decreases in emissions will
24 comply with the terms and conditions of the permit.
- 25 **5.20.4.2** The permit shield described in WAC 173-401-640 shall extend to terms and conditions
26 that allow such increases and decreases in emissions.
- 27 **5.20.5** A source making a change under this section shall comply with applicable
28 preconstruction review requirements established pursuant to RCW 70.94.152.
29 [WAC 173-401-722]
- 30 **5.21 Reopening for Cause**
- 31 **5.21.1** Permits shall be reopened and revised under any of the following circumstances:
- 32 a. Additional applicable requirements become applicable to a Chapter 173-401
33 WAC source with a remaining permit term of three (3) or more years. Such a
34 reopening shall be completed no later than 18 months after promulgation of the
35 applicable requirements. No such reopening is required if the effective date of
36 the requirement is later than the date on which the permit is due to expire, unless
37 the original permit or any of its terms and conditions have been extended
38 pursuant to WAC 173-401-620(2)(j);
- 39 b. Ecology, Health, BCAA, or the administrator determines that the permit contains
40 a material mistake or that inaccurate statements were made in establishing the
41 emissions standards or other terms or conditions of the permit; or
- 42 c. Ecology, Health, BCAA, or the administrator determines that the permit must be
43 revised or revoked to assure compliance with the applicable requirements.
- 44 **5.21.2** Proceedings to reopen and issue a permit shall follow the same procedures as they apply
45 to initial permit issuance and shall affect only those parts of the permit for which cause to
46 reopen exists. Such reopening shall be made as expeditiously as practicable.

1 **5.21.3** All permit conditions remain in effect until such time as Ecology takes final action.
2 Respective regulatory agencies may take temporary corrective measures in cases of
3 material mistakes or potential negative impact to public health.

4 **5.21.4** Reopenings under this section shall not be initiated before a notice of such intent is
5 provided to the Chapter 173-401 WAC source by Ecology at least thirty days in advance
6 of the date that the permit is to be reopened, except that Ecology, Health, or BCAA may
7 provide a shorter time period in the case of an emergency.
8 [WAC 173-401-730]

9 **5.22 New Source Review**

10 The permittee shall not construct new sources or make modifications required to be reviewed under WAC
11 173-400-110, WAC 173-400-560, WAC 173-400-720, WAC 173-400-820, or WAC 173-460-040 before
12 the permittee obtains written final approval from Ecology in accordance with those regulations and pays
13 the appropriate fees required by WAC 173-455-120. [WAC 173-400-110, (State only); WAC 173-400-
14 171 (State only); WAC 173-400-560 (State only); WAC 173-400-720 (State Only); WAC 173-400-820
15 (State only); WAC 173-455-120 (State only); WAC 173-460-040 (State only); and RCW 70.94.152, 2011
16 (State only)]

17 **5.23 Replacement or Substantial Alteration of Emission Control Technology**

18 Prior to replacing or substantially altering emission control technology subject to review under
19 WAC 173-400-114, the permittee shall file for and obtain approval from Ecology according to that
20 regulation. The permittee shall pay the appropriate fees required by WAC 173-455-100 prior to
21 commencing construction. [WAC 173-400-045(4), (State only); WAC 173-400-114, (State only); WAC
22 173-455-100 (State only), RCW 70.94.153, 2011 (State only)]

23 **5.24 Nonroad Engines**

24 Prior to installation or operation of a nonroad engine, as defined in WAC 173-400-030(56), the permittee
25 shall meet the requirements of WAC 173-400-035, as applicable. If the nonroad engine(s) has a
26 cumulative maximum rated brake horsepower greater than 500, a notification of intent to operate will be
27 submitted to Ecology. If the nonroad engine(s) has a cumulative maximum rated brake horsepower
28 greater than 2,000, the permittee will not operate the engine(s) unless Ecology issues written approval to
29 operate. [WAC 173-400-035 (State only)]

30 **5.25 Reserved**

31 **5.26 Federal Chlorofluorocarbon Requirements**

32 **5.26.1** The permittee shall comply with the following standards for recycling and emissions
33 reductions pursuant to 40 CFR 82, Subpart F, except as provided for motor vehicle air
34 conditioners (MVACs) in Subpart B:

- 35 a. Persons conducting maintenance, service, repair, or disposing must follow the
36 prohibitions pursuant to 40 CFR 82.154.
- 37 b. Persons opening appliances for maintenance, service, repair, or disposal must
38 comply with the required practices pursuant to 40 CFR 82.156.
- 39 c. Equipment used during the maintenance, service, repair or disposal must comply
40 with the standards for recycling and recovery equipment pursuant to 40 CFR
41 82.158.
- 42 d. Persons performing maintenance, service, repair, or disposal of appliances must
43 be certified by an approved technician certification program pursuant to 40 CFR
44 82.161.

- 1 e. Persons conducting maintenance, service, repair, or disposing must certify to the
- 2 Administrator that such person has acquired certified recovery or recycling
- 3 equipment pursuant to 40 CFR 82.162.
- 4 f. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as
- 5 that term is defined in 40 CFR 82.152) must comply with recordkeeping
- 6 requirements pursuant to 40 CFR 82.166.
- 7 g. Persons owning commercial or industrial process refrigeration equipment must
- 8 comply with the leak repair requirements pursuant to 40 CFR 82.156.
- 9 h. Owners/operators of appliances normally containing 50 or more pounds of
- 10 refrigerant must keep servicing records documenting the date and type of service,
- 11 as well as the quantity of refrigerant added. The owner/operator must keep
- 12 records of refrigerant purchased and added to such appliances in cases where
- 13 owners add their own refrigerant, pursuant to 40 CFR 82.166.

14 **5.26.2** If the permittee manufactures, transforms, imports, or exports a class I or class II
15 substance, the permittee is subject to all the requirements as specified in 40 CFR 82,
16 Subpart A - Production and Consumption Controls.

17 **5.26.3** If the permittee performs service, maintenance, repair or disposal of air conditioners in
18 MVACs and MVAC-like appliances (as that term is defined in 40 CFR 82.152) that
19 involves refrigerant as defined in 40 CFR 82.32(f), the permittee is subject to the
20 applicable requirements in 40 CFR 82, Subpart B - Servicing of Motor Vehicle Air
21 Conditioners.

22 **5.26.4** The permittee shall be allowed to switch from any ozone depleting substance to any
23 alternative that is listed in the Significant New Alternative Program promulgated
24 pursuant to 40 CFR 82, Subpart G - Significant New Alternative Policy Program.
25 [40 CFR 82, 7/1/10; RCW 70.94.970, 2011 (State only); RCW 70.94.980, 2011(State
26 only)]

27 **5.27 Inapplicable Requirements**

28 Ecology has determined that the Hanford Site, including all sources, is not subject to certain requirements.
29 In accordance with the provisions of WAC 173-401-640(2), inapplicable requirements at the time of
30 permit issuance are shown in Table 5-1. The permit shield shall apply to these inapplicable requirements.
31 [WAC 173-401-640(2)]

32

1 **Table 5-1. Inapplicable Requirements**

Requirement	Reason for Inapplicability
BCAA, Regulation 1, Articles 1, 2, 3, 5, 4, 6, 7, 9	Authority to regulate Hanford Site air emissions pre-empted by Ecology, except for Article 8.
WAC 173-400-040(4)(b)	The Hanford Site has not been identified as a significant contributor to the nonattainment status of a designated nonattainment area.
WAC 173-400-040(9)(b)	The Hanford Site has not been identified as a significant contributor to a PM-10 or PM-2.5 nonattainment area.
WAC 173-400-060, “Emission Standards for General Process Units”	No general process units have been identified on the Hanford Site.
WAC 173-400-070, “Emission Standards for Certain Source Categories”	No affected sources on the Hanford Site.
WAC 173-400-105(5)(b), (c) and (d), Continuous monitoring and recording for Sulfuric acid plants, fluid bed catalytic cracking units, and wood residue fuel-fired steam generators	No affected sources on the Hanford Site.
WAC 173-400-112, “Requirements for New Sources in Nonattainment Areas”	The Hanford Site and surrounding areas are not classified as nonattainment areas for any regulated pollutant.
WAC 173-400-151, “Retrofit Requirements for Visibility Protection”	The Hanford Site has not been identified as a cause or contributor to visibility impairment in any mandatory Class I area.
WAC 173-400-190, “Requirements for Nonattainment Areas”	The Hanford Site is not located in a nonattainment area.
WAC 173-400-210, “Emission Requirements of Prior Jurisdictions”	The Hanford Site always has been regulated by Ecology. No local authority previously has regulated the Hanford Site.
WAC 173-405, “Kraft Pulp Mill”	No affected sources on the Hanford Site.
WAC 173-406, “Acid Rain Regulation”	No affected sources on the Hanford Site.
WAC 173-407, “Carbon Dioxide Mitigation Program Greenhouse Gases Emissions Performance Standard and Sequestration Plans and Programs for Thermal Electric Generating Facilities”	No affected sources on the Hanford Site.
WAC 173-410, “Sulfite Pulp Mill”	No affected sources on the Hanford Site.
WAC 173-415, “Primary Aluminum Plants”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
WAC 173-421, "Motor Vehicle Emission Control Systems"	The site is not located in a noncompliance area or emission contributing area requiring a vehicle inspection program
WAC 173-422, "Motor Vehicle Emission Inspection"	The site is not located in a noncompliance area or emission contributing area requiring a vehicle inspection program
WAC 173-430, "Agricultural Burning"	No affected sources on the Hanford Site.
WAC 173-433, "Solid Fuel Burning Devices"	No affected sources on the Hanford Site.
WAC 173-434, "Solid Waste Incinerator Facilities"	No affected sources on the Hanford Site.
WAC 173-442, "Clean Air Rule"	No affected sources on the Hanford Site
WAC 173-490, Emission Standards and Controls for Sources Emitting Volatile Organic Compounds (VOCs)	This supplements WAC 173-400 and applies to VOC sources in ozone nonattainment areas. The Hanford Site is not located in a designated ozone nonattainment area.
WAC 173-492, "Motor Fuel Specifications for Oxygenated Gasoline"	The site is not located in the control areas requiring oxygenated gasoline use.
WAC 246-247-060(10), Commercial Nuclear Power Plants	The permittee does not operate a commercial nuclear power plant.
WAC 246-247-075(5) and (7), Facilities Licensed by the U.S. Nuclear Regulatory Commission (NRC)	The permittee does not have point source emissions from NRC licensed facilities. Any NRC license would be to handle a specific sealed source term.
WAC 463-78, "General and Operating Permit Regulations for Air Pollution Sources"	The site emission sources are not subject to Energy Facility Site Evaluation Council jurisdiction and/or authority.
40 CFR 60 Subpart B, "Adoption and Submittal of State Plans for Designated Facilities"	These are permitting authority procedural requirements.
40 CFR 60 Subpart C, "Emission Guidelines and Compliance Times"	These are permitting authority procedural requirements.
40 CFR 60 Subpart Cb, "Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994"	No affected sources on the Hanford Site.
40 CFR 60 Subpart Cc, "Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills"	No affected sources on the Hanford Site.
40 CFR 60 Subpart Cd, "Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units"	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 60 Subpart Ce, "Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators"	No affected sources on the Hanford Site.
40 CFR 60 Subpart Cf, "Emission Guidelines and Compliance Times for Municipal Solid Waste (MSW) Landfills"	The MSW landfill on the Hanford Site meets the conditions of §60.3F (d)(1)
40 CFR 60 Subpart D, Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	No affected sources on the Hanford Site.
40 CFR 60 Subpart Da, "Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978"	No affected sources on the Hanford Site.
40 CFR 60 Subpart Db, "Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units"	No affected sources on the Hanford Site.
40 CFR 60 Subpart E, "Standards of Performance for Incinerators"	No affected sources on the Hanford Site.
40 CFR 60 Subpart Ea, "Standards of Performance for Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and On or Before September 20, 1994"	No affected sources on the Hanford Site.
40 CFR 60 Subpart Eb, "Standards of Performance for Large Municipal Waste Combustors for Which Construction is Commenced after September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996"	No affected sources on the Hanford Site.
40 CFR 60 Subpart Ec, "Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996"	No affected sources on the Hanford Site.
40 CFR 60 Subpart F, "Standards of Performance for Portland Cement Plants"	No affected sources on the Hanford Site.
40 CFR 60 Subpart G, "Standards of Performance for Nitric Acid Plants"	No affected sources on the Hanford Site.
40 CFR 60 Ga, "Standards of Performance for Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced After October 14, 2011"	No affected sources on the Hanford Site
40 CFR 60 Subpart H, Standards of Performance for Sulfuric Acid Plants"	No affected sources on the Hanford Site.
40 CFR 60 Subpart I, "Standards of Performance for Hot Mix Asphalt Facilities"	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 60 Subpart J, “Standards of Performance for Petroleum Refineries”	No affected sources on the Hanford Site.
40 CFR 60 Subpart Ja, “Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007”	No affected sources on the Hanford Site.
40 CFR 60 Subpart K, “Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978”	No affected sources on the Hanford Site.
40 CFR 60 Subpart Ka, “Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984”	No affected sources on the Hanford Site.
40 CFR 60 Subpart Kb, “Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984”	No affected sources on the Hanford Site.
40 CFR 60 Subpart L, “Standards of Performance for Secondary Lead Smelters”	No affected sources on the Hanford Site.
40 CFR 60 Subpart M, “Standards of Performance for Secondary Brass and Bronze Production Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart N, “Standards of Performance for Primary Emissions From Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973”	No affected sources on the Hanford Site.
40 CFR 60 Subpart Na, “Standards of Performance for Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20, 1983”	No affected sources on the Hanford Site.
40 CFR 60 Subpart O, “Standards of Performance for Sewage Treatment Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart P, “Standards of Performance for Primary Copper Smelters”	No affected sources on the Hanford Site.
40 CFR 60 Subpart Q, “Standards of Performance for Primary Zinc Smelters”	No affected sources on the Hanford Site.
40 CFR 60 Subpart R, “Standards of Performance for Primary Lead Smelters”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 60 Subpart S, “Standards of Performance for Primary Aluminum Reduction Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart T, “Standards of Performance for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart U, “Standards of Performance for the Phosphate Fertilizer Industry: Superphosphoric Acid Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart V, “Standards of Performance for the Phosphate Fertilizer Industry: Diammonium Phosphate Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart W, “Standards of Performance for the Phosphate Fertilizer Industry: Triple Superphosphate Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart X, “Standards of Performance for the Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities”	No affected sources on the Hanford Site.
40 CFR 60 Subpart Y, “Standards of Performance for Coal Preparation and Processing Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart Z, “Standards of Performance for Ferroalloy Production Facilities”	No affected sources on the Hanford Site.
40 CFR 60 Subpart AA, “Standards of Performance for Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974, and On or Before August 17, 1983”	No affected sources on the Hanford Site.
40 CFR 60 Subpart AAa, “Standards of Performance for Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 17, 1983”	No affected sources on the Hanford Site.
40 CFR 60 Subpart BB, “Standards of Performance for Kraft Pulp Mills”	No affected sources on the Hanford Site.
40 CFR 60 Subpart BBa, “Standards of Performance for Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013	No affected sources on the Hanford Site.
40 CFR 60 Subpart CC, “Standards of Performance for Glass Manufacturing Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart DD, “Standards of Performance for Grain Elevators”	No affected sources on the Hanford Site.
40 CFR 60 Subpart EE, “Standards of Performance for Surface Coating of Metal Furniture”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 60 Subpart GG, “Standards of Performance for Stationary Gas Turbines”	No affected sources on the Hanford Site.
40 CFR 60 Subpart HH, “Standards of Performance for Lime Manufacturing Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart KK, “Standards of Performance for Lead-Acid Battery Manufacturing Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart LL, “Standards of Performance for Metallic Mineral Processing Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart MM, “Standards of Performance for Automobile and Light Duty Truck Surface Coatings Operations”	No affected sources on the Hanford Site.
40 CFR 60 Subpart NN, “Standards of Performance for Phosphate Rock Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart PP, “Standards of Performance for Ammonium Sulfate Manufacture”	No affected sources on the Hanford Site.
40 CFR 60 Subpart QQ, “Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing”	No affected sources on the Hanford Site.
40 CFR 60 Subpart RR, “Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations”	No affected sources on the Hanford Site.
40 CFR 60 Subpart SS, “Standards of Performance for Industrial Surface Coating: Large Appliances”	No affected sources on the Hanford Site.
40 CFR 60 Subpart TT, “Standards of Performance for Metal Coil Surface Coating”	No affected sources on the Hanford Site.
40 CFR 60 Subpart UU, “Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture”	No affected sources on the Hanford Site.
40 CFR 60 Subpart VV, “Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and On or Before November 7, 2006”	No affected sources on the Hanford Site.
40 CFR 60 Subpart VVa, “Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006”	No affected sources on the Hanford Site.
40 CFR 60 Subpart WW, “Standards of Performance for the Beverage Can Surface Coating Industry”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 60 Subpart XX “Standards of Performance for Bulk Gasoline Terminals”	No affected sources on the Hanford Site.
40 CFR 60 Subpart AAA, “Standards of Performance for New Residential Wood Heaters”	No affected sources on the Hanford Site.
40 CFR 60 Subpart BBB, “Standards of Performance for the Rubber Tire Manufacturing Industry”	No affected sources on the Hanford Site.
40 CFR 60 Subpart DDD, “Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry”	No affected sources on the Hanford Site.
40 CFR 60 Subpart FFF, “Standards of Performance for Flexible Vinyl and Urethane Coating and Printing”	No affected sources on the Hanford Site.
40 CFR 60 Subpart GGG, “Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After January 4, 1983, and On or Before November 7, 2006”	No affected sources on the Hanford Site.
40 CFR 60 Subpart GGGa, “Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006”	No affected sources on the Hanford Site.
40 CFR 60 Subpart HHH, “Standards of Performance for Synthetic Fiber Production Facilities”	No affected sources on the Hanford Site.
40 CFR 60 Subpart III, “Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes”	No affected sources on the Hanford Site.
40 CFR 60 Subpart JJJ, “Standards of Performance for Petroleum Dry Cleaners”	No affected sources on the Hanford Site.
40 CFR 60 Subpart KKK, “Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart LLL, “Standards of Performance for Onshore Natural Gas Processing: SO ₂ Emissions”	No affected sources on the Hanford Site.
40 CFR 60 Subpart NNN, “Standards of Performance for Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations”	No affected sources on the Hanford Site.
40 CFR 60 Subpart OOO, “Standards of Performance for Nonmetallic Mineral Processing Plants”	No affected sources on the Hanford Site.
40 CFR 60 Subpart PPP, “Standard of Performance for Wool Fiberglass Insulation Manufacturing Plants”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 60 Subpart QQQ, “Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems”	No affected sources on the Hanford Site.
40 CFR 60 Subpart RRR, “Standards of Performance for Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes”	No affected sources on the Hanford Site.
40 CFR 60 Subpart SSS, “Standards of Performance for Magnetic Tape Coating Facilities”	No affected sources on the Hanford Site.
40 CFR 60 Subpart TTT, “Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines”	No affected sources on the Hanford Site.
40 CFR 60 Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries”	No affected sources on the Hanford Site.
40 CFR 60 Subpart VVV, “Standards of Performance for Polymeric Coating of Supporting Substrates Facilities”	No affected sources on the Hanford Site.
40 CFR 60 Subpart WWW, “Standards of Performance for Municipal Solid Waste Landfills”	No affected sources on the Hanford Site.
40 CFR 60 Subpart AAAA, “Standards of Performance for Small Municipal Waste Combustion Units for Which Construction is Commenced After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001”	No affected sources on the Hanford Site.
40 CFR 60 Subpart BBBB, “Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed On or Before August 30, 1999”	No affected sources on the Hanford Site.
40 CFR 60 Subpart CCCC, “Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for Which Modification or Reconstruction is Commenced On or After June 1, 2001”	No affected sources on the Hanford Site.
40 CFR 60 Subpart DDDD, “Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999”	No affected sources on the Hanford Site.
40 CFR 60 Subpart EEEE, “Standards of Performance for Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced On or After June 16, 2006”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 60 Subpart FFFF, "Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units that Commenced On or Before December 9, 2004"	No affected sources on the Hanford Site.
40 CFR 60 Subpart HHHH, "Emission Guidelines and Compliance Times for Coal-Fired Electric Steam Generating Units"	No affected sources on the Hanford Site.
40 CFR 60 Subpart LLLL, "Standards of Performance for New Sewage Sludge Incinerator Units"	No affected sources on the Hanford Site.
40 CFR 60 Subpart MMMM, "Emission Guidelines and Compliance Times for Existing Sewage Sludge Incinerator Units"	No affected sources on the Hanford Site.
40 CFR 60 Subpart OOOO, "Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution"	No affected sources on the Hanford Site.
40 CFR 60 Subpart QQQQ, "Standards of Performance for New Residential Hydronic Heaters and Forced-Air Furnaces"	No affected sources on the Hanford Site.
40 CFR 60 Subpart TTTT, "Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units"	No affected sources on the Hanford Site.
40 CFR 60 Subpart UUUU, "Emission Guidelines for Greenhouse Gas Emissions and Compliance Times for Electric Utility Generating Units"	No affected sources on the Hanford Site.
40 CFR 61 Subpart B, "National Emission Standards for Radon Emissions From Underground Uranium Mines"	No affected sources on the Hanford Site.
40 CFR 61 Subpart C, "National Emission Standard for Beryllium"	No affected sources on the Hanford Site.
40 CFR 61 Subpart D, "National Emission Standard for Beryllium Rocket Motor Firing"	No affected sources on the Hanford Site.
40 CFR 61 Subpart E, "National Emission Standard for Mercury"	No affected sources on the Hanford Site.
40 CFR 61 Subpart F, "National Emission Standard for Vinyl Chloride"	No affected sources on the Hanford Site.
40 CFR 61 Subpart I, "National Emission Standards for Radionuclide Emissions from Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered by Subpart H"	No affected sources on the Hanford Site.
40 CFR 61 Subpart J, "National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene"	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 61 Subpart K, “National Emission Standards for Radionuclide Emissions from Elemental Phosphorus Plants”	No affected sources on the Hanford Site.
40 CFR 61 Subpart L, “National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants”	No affected sources on the Hanford Site.
40 CFR 61 Subpart N, “National Emission Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants”	No affected sources on the Hanford Site.
40 CFR 61 Subpart O, “National Emission Standard for Inorganic Arsenic Emissions from Primary Copper Smelters”	No affected sources on the Hanford Site.
40 CFR 61 Subpart P, “National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities”	No affected sources on the Hanford Site.
40 CFR 61 Subpart Q, “National Emission Standards for Radon Emissions from Department of Energy Facilities”	No affected sources on the Hanford Site.
40 CFR 61 Subpart R, “National Emission Standards for Radon Emissions from Phosphogypsum Stacks”	No affected sources on the Hanford Site.
40 CFR 61 Subpart T, “National Emission Standards for Radon Emissions from the Disposal of Uranium Mill Tailings”	No affected sources on the Hanford Site.
40 CFR 61 Subpart V, “National Emission Standard for Equipment Leaks (Fugitive Emission Sources)”	No affected sources on the Hanford Site.
40 CFR 61 Subpart W, “National Emission Standards for Radon Emissions from Operating Mill Tailings”	No affected sources on the Hanford Site.
40 CFR 61 Subpart Y, “National Emission Standard for Benzene Emissions from Benzene Storage Vessels”	No affected sources on the Hanford Site.
40 CFR 61 Subpart BB, “National Emission Standard for Benzene Emissions from Benzene Transfer Operations”	No affected sources on the Hanford Site.
40 CFR 61 Subpart FF, “National Emission Standard for Benzene Waste Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart E, “Approval of State Programs and Delegation of Federal Authorities”	These are permitting authority procedural requirements.
40 CFR 63 Subpart F, “National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart G, “National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations and Wastewater”	No affected sources on the Hanford Site.
40 CFR 63 Subpart H, “National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks”	No affected sources on the Hanford Site.
40 CFR 63 Subpart I, “National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks”	No affected sources on the Hanford Site.
40 CFR 63 Subpart J, “National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart L, “National Emission Standards for Coke Oven Batteries”	No affected sources on the Hanford Site.
40 CFR 63 Subpart M, “National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities”	No affected sources on the Hanford Site.
40 CFR 63 Subpart N, “National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks”	No affected sources on the Hanford Site.
40 CFR 63 Subpart O, “Ethylene Oxide Emissions Standards for Sterilization Facilities”	No affected sources on the Hanford Site.
40 CFR 63 Subpart Q, “National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers”	No affected sources on the Hanford Site.
40 CFR 63 Subpart R, “National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)”	No affected sources on the Hanford Site.
40 CFR 63 Subpart S, “National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry”	No affected sources on the Hanford Site.
40 CFR 63 Subpart T, “National Emission Standards for Halogenated Solvent Cleaning”	No affected sources on the Hanford Site.
40 CFR 63 Subpart U, “National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins”	No affected sources on the Hanford Site.
40 CFR 63 Subpart W, “National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart X, “National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting”	No affected sources on the Hanford Site.
40 CFR 63 Subpart Y, “National Emission Standards for Marine Tank Vessel Loading Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart AA, “National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants”	No affected sources on the Hanford Site.
40 CFR 63 Subpart BB, “National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizers Production Plants”	No affected sources on the Hanford Site.
40 CFR 63 Subpart CC, “National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries”	No affected sources on the Hanford Site.
40 CFR 63 Subpart DD, “National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart EE, “National Emission Standards for Magnetic Tape Manufacturing Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart GG, “National Emission Standards for Aerospace Manufacturing and Rework Facilities”	No affected sources on the Hanford Site.
40 CFR 63 Subpart HH, “National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities”	No affected sources on the Hanford Site.
40 CFR 63 Subpart II, “National Emission Standards for Shipbuilding and Ship Repair (Surface Coatings)”	No affected sources on the Hanford Site.
40 CFR 63 Subpart JJ, “National Emission Standards for Wood Furniture Manufacturing Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart KK, “National Emission Standards for the Printing and Publishing Industry”	No affected sources on the Hanford Site.
40 CFR 63 Subpart LL, “National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants”	No affected sources on the Hanford Site.
40 CFR 63 Subpart MM, “National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills”	No affected sources on the Hanford Site.
40 CFR 63 Subpart OO, “National Emission Standards for Tanks – Level 1”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart PP, “National Emission Standards for Containers”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart QQ, “National Emission Standards for Surface Impoundments”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart RR, “National Emission Standards for Individual Drain Systems”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart SS, “National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart TT, “National Emission Standards for Equipment Leaks – Control Level 1”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart UU, “National Emission Standards for Equipment Leaks – Control Level 2 Standards”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart VV, “National Emission Standards for Oil-Water Separators and Organic-Water Separators”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart WW, “National Emission Standards for Storage Vessels (Tanks) – Control Level 2”	No affected sources on the Hanford Site subject to other rule subparts that reference this section for emission control requirements.
40 CFR 63 Subpart XX, “National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart YY, “National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards”	No affected sources on the Hanford Site.
40 CFR 63 Subpart CCC, “National Emission Standards for Hazardous Air Pollutants for Steel Pickling – HCL Process Facilities and Hydrochloric Acid Regeneration Plants”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart DDD, “National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart EEE, “National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors”	No affected sources on the Hanford Site.
40 CFR 63 Subpart GGG, “National Emission Standards for Pharmaceuticals Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart HHH, “National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities”	No affected sources on the Hanford Site.
40 CFR 63 Subpart III, “National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart JJJ, “National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins”	No affected sources on the Hanford Site.
40 CFR 63 Subpart LLL, “National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry”	No affected sources on the Hanford Site.
40 CFR 63 Subpart MMM, “National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart NNN, “National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart OOO, “National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins”	No affected sources on the Hanford Site.
40 CFR 63 Subpart PPP, “National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart QQQ, “National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting”	No affected sources on the Hanford Site.
40 CFR 63 Subpart RRR, “National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart TTT, “National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart UUU, “National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units”	No affected sources on the Hanford Site.
40 CFR 63 Subpart VVV, “National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works”	No affected sources on the Hanford Site.
40 CFR 63 Subpart XXX, “National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese”	No affected sources on the Hanford Site.
40 CFR 63 Subpart AAAA, “National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills”	No affected sources on the Hanford Site.
40 CFR 63 Subpart CCCC, “National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast”	No affected sources on the Hanford Site.
40 CFR 63 Subpart DDDD, “National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products”	No affected sources on the Hanford Site.
40 CFR 63 Subpart EEEE, “National Emission Standards for Hazardous Air Pollutants: Organic Liquid Distribution (Non-Gasoline)”	No affected sources on the Hanford Site.
40 CFR 63 Subpart FFFF, “National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart GGGG, “National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart HHHH, “National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart IIII, “National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks”	No affected sources on the Hanford Site.
40 CFR 63 Subpart JJJJ, “National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating”	No affected sources on the Hanford Site.
40 CFR 63 Subpart KKKK, “National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart MMMM, “National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products”	No affected sources on the Hanford Site.
40 CFR 63 Subpart NNNN, “National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances”	No affected sources on the Hanford Site.
40 CFR 63 Subpart OOOO, “National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles”	No affected sources on the Hanford Site.
40 CFR 63 Subpart PPPP, “National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products”	No affected sources on the Hanford Site.
40 CFR 63 Subpart QQQQ, “National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products”	No affected sources on the Hanford Site.
40 CFR 63 Subpart RRRR, “National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture”	No affected sources on the Hanford Site.
40 CFR 63 Subpart SSSS, “National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil”	No affected sources on the Hanford Site.
40 CFR 63 Subpart TTTT, “National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart UUUU, “National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart VVVV, “National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart WWWW, “National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart XXXX, “National Emissions Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart AAAAA, “National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants”	No affected sources on the Hanford Site.
40 CFR 63 Subpart BBBB, “National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart CCCCC, “National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks”	No affected sources on the Hanford Site.
40 CFR 63 Subpart EEEEE, “National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries”	No affected sources on the Hanford Site.
40 CFR 63 Subpart FFFFF, “National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities”	No affected sources on the Hanford Site.
40 CFR 63 Subpart GGGGG, “National Emission Standards for Hazardous Air Pollutants: Site Remediation”	No affected sources on the Hanford Site.
40 CFR 63 Subparts HHHHH, “National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart IIIII, “National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants”	No affected sources on the Hanford Site.
40 CFR 63 Subpart JJJJJ, “National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart KKKKK, “National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart LLLLL, “National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart MMMMM, “National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations”	No affected sources on the Hanford Site.
40 CFR 63 Subpart NNNNN, “National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production”	No affected sources on the Hanford Site.
40 CFR 63 Subpart PTTTT, “National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands”	No affected sources on the Hanford Site.
40 CFR 63 Subpart QQQQQ, “National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities”	No affected sources on the Hanford Site.
40 CFR 63 Subpart RRRRR, “National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing”	No affected sources on the Hanford Site.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart SSSSS, “National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing”	No affected sources on the Hanford Site.
40 CFR 63 Subpart TTTTT, “National Emissions Standards for Hazardous Air Pollutants for Primary Magnesium Refining”	No affected sources on the Hanford Site.
40 CFR 63 Subpart WWWW, “National Emission Standards for Hospital Ethylene Oxide Sterilizers”	No affected sources on the Hanford Site.
40 CFR 63 Subpart YYYYY, “National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart ZZZZ, “National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart BBBB, “National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart CCCCC, “National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart DDDDD, “National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart EEEEE, “National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart FFFFF, “National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart GGGGG, “National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources – Zinc, Cadmium, and Beryllium”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart HHHHH, “National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart JJJJJ, “National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boiler Area Sources”	The Hanford Site is not an Area Source.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart LLLLLL, “National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart MMMMMM, “National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart NNNNNN, “National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart OOOOOO, “National Emission Standards for Hazardous Air Pollutants for Flexible polyurethane Foam Production and Fabrication Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart PPPPPP, “National Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart QQQQQQ, “National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart RRRRRR, “National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart SSSSSS, “National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart TTTTTT, “National Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart VVVVVV, “National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart WWWWWW, “National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart XXXXXX, “National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart YYYYYY, “National Emission Standards for Hazardous Air Pollutants Area Sources: Ferroalloys Production Facilities”	The Hanford Site is not an Area Source.

Requirement	Reason for Inapplicability
40 CFR 63 Subpart ZZZZZZ, “National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart AAAAAAA, “National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart BBBB BBB, “National Emission Standards for Hazardous Air Pollutants for Area Sources: Chemical Preparations Industry”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart CCCCCC, “National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart DDDDDDD, “National Emission Standards for Hazardous Air Pollutants for Area Sources: Prepared Feeds Manufacturing”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart EEEEEEE, “National Emission Standards for Hazardous Air Pollutants: Gold Mine Ore-Processing and Production Area Source Category”	The Hanford Site is not an Area Source.
40 CFR 63 Subpart HHHHHHH, “National Emission Standards for Hazardous Air Pollutant Emissions for Polyvinyl Chloride and Copolymers Production”	No affected sources on the Hanford Site.
40 CFR 64, “Compliance Assurance Monitoring”	No affected emission units on the Hanford Site.
40 CFR 68, “Chemical Accident Prevention Provisions”	The Hanford Site no longer has any facilities or activities subject to these requirements.
40 CFR 72 through 40 CFR 78, Acid Rain Regulations”	No affected sources on the Hanford Site.
40 CFR 79, “Registration of Fuels and Fuel Additives”	DOE does not manufacture or import fuel on the Hanford Site.
40 CFR 98, “Mandatory Greenhouse Gas Reporting”	Excluded by EPA rule from being considered an applicable requirement for Title V permits.

1 **6.0 STATEMENT OF BASIS**

2 The Statement is issued by the permitting agencies as a separate supporting reference document to this air
3 operating permit. This Statement is non-enforceable and sets forth the legal and factual basis for permit
4 conditions. The Statement includes references to the applicable statutory or regulatory provisions,
5 technical supporting information on specific emission units, and clarifications of specific requirements.
6 [WAC 173-401-700(8)]

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