

STATE OF IDAHO

PERMIT TO CONSTRUCT
AN AIR POLLUTION
EMITTING SOURCE

PERMIT NUMBER

0 2 3 - 0 0 0 0 1

AQCR

0 6 1

CLASS

A 1

SIC

9 9 9 9

ZONE

1 2

UTM COORDINATE (km)

3 4 4 . 3 , 4 8 2 5 . 8

- | | | | |
|---|--------------------------------------|--|------------------------|
| 1. PERMITTEE
Department of Energy, Idaho Field Office | | | |
| 2. PROJECT
CPP-1619, Waste Storage Facility | | | |
| 3. MAILING ADDRESS
850 Energy Drive | CITY
Idaho Falls | STATE
Idaho | ZIP CODE
83401-1563 |
| 4. SITE LOCATION COUNTY
Butte | NO. OF FULL-TIME EMPLOYEES
10,800 | PROPERTY AREA AT SITE (Acreage)
569,600 | |
| 5. PERSON TO CONTACT
Mr. R. C. Cullison | TITLE
Manager | TELEPHONE
(208) 526-2181 | |
| 6. EXACT PLANT LOCATION
West side of ICPP Complex, INEEL | | | |
| 7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
Nuclear Research and Development | | | |

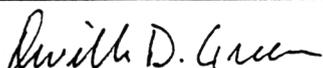
8. GENERAL CONDITIONS

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 16.01.01.200, and pertains only to emissions of air contaminants that are regulated by the State of Idaho and to the sources specifically allowed to be constructed by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located, (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment, (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances, (d) in no manner implies or suggests that the Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit is not transferable to another person, place, piece or set of equipment. This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment that result in any change in the nature or amount of emissions must be approved in advance by the DEQ unless exempted by the *Rules for the Control of Air Pollution in Idaho* Sections 220 through 225.



ASSISTANT ADMINISTRATOR
DIVISION OF ENVIRONMENTAL QUALITY

DATE: March 4, 1998

PERMIT TO CONSTRUCT

PERMITTEE, PROJECT, AND LOCATION

Department of Energy, Idaho Field Office
 CPP-1619, Waste Storage Facility
 Idaho Falls, Idaho

PERMIT NUMBER

0	2	3	-	0	0	0	0	1
---	---	---	---	---	---	---	---	---

SOURCE

Liquid Waste Unloading Area

1 EMISSION LIMIT

This source shall operate within the requirements of U.S. Environmental Protection Agency (EPA) National Emission Standards for Radionuclide emissions from Department of Energy Facilities (Code of Federal Regulations 40 Part 61.90). Radionuclide emissions from stack CPP-1619-001 shall not, by themselves, cause any individual to receive a dose of greater than 0.1 millirem per year effective dose equivalent nor shall these emissions in combination with emissions from other INEEL sources, cause any individual to receive a dose of greater than 10 millirem per year effective dose equivalent.

2. MONITORING REQUIREMENTS

The permittee shall monitor and record the following for each shipment unloaded in this area. Where applicable, RCRA monitoring and recording requirements may be substituted.

Identity and source of each waste shipment;

Date and time each shipment is unloaded;

2.3 Total quantity of radioactive waste unloaded;

Identification and concentration of radionuclides in each shipment;

OPERATING REQUIREMENTS

3.1 Testable HEPA filters efficiency shall be maintained at or above 99.97 percent removal efficiency for particle sizes 0.3 micron or larger as determined by the use of DOP inlet/outlet test.

3.2 The testable HEPA filter elements shall be replaced within 10 days if the removal efficiency falls below 99.97 percent for particle sizes 0.3 micron or larger as determined by the DOP test procedures.

4 REPORTING REQUIREMENTS

4.1 Records required under Section 2 shall be maintained for a minimum of two (2) years from the date the data was recorded and shall be made available to DEQ representatives upon request. All records submitted to the DEQ shall be certified by a responsible official to be true, accurate, and complete.

DATE: March 4, 1998

PERMIT TO CONSTRUCT

PERMITTEE, PROJECT, AND LOCATION

Department of Energy, Idaho Field Office
CPP-1619, Waste Storage Facility
Idaho Falls, Idaho

PERMIT NUMBER

0	2	3	-	0	0	0	0	1
---	---	---	---	---	---	---	---	---

SOURCE

Liquid Waste Unloading Area

- 4.2 A copy of the National Emissions Standards for Hazardous Air Pollutants (NESHAP) annual report shall be submitted to the DEQ each year. If the NESHAP report does not demonstrate compliance with Section 1 of this permit, a more detailed report shall be submitted to demonstrate compliance.

DATE: March 4, 1998

PERMIT TO CONSTRUCT GENERAL PROVISIONS

All emissions authorized herein shall be consistent with the terms and conditions of this permit and the *Rules for the Control of Air Pollution in Idaho*. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code 39-101, et.seq.

- B. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

The permittee shall allow the Director, and/or the authorized representative(s), the presentation of credentials:

1. To enter at reasonable times upon the premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
2. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack emission testing in conformance with the DEQ's *Procedures Manual for Air Pollution Control* when deemed appropriate by the Director.

- D. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.

The permittee shall notify the DEQ, in writing, of the required information for following events within five (5) working days after occurrence:

1. Initiation of Construction - Date
2. Completion/Cessation of Construction - Date
3. Actual Production Start-up - Date
4. Initial Date of Achieving Maximum Production Rate - Production Rate and Date

- F. If emission testing is specified, the permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial start-up. Such testing must strictly adhere to the procedures outlined in the DEQ's *Procedures Manual for Air Pollution Control*, and shall not be conducted on weekends or state holidays without prior written DEQ approval. Testing procedures and specific time limitations may be modified by the DEQ by prior negotiation if conditions warrant adjustment. The DEQ shall be notified at least fifteen (15) days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the DEQ upon request.

The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during any performance test period, for which a test protocol has been granted prior approval by the DEQ, unless (1) the test demonstrates noncompliance, (2) a more restrictive operating limit is specified elsewhere in this permit, or (3) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

DATE: March 4, 1998