



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor  
Toni Hardesty, Director

May 1, 2007

**Certified Mail No. 7005 1160 0000 1550 8968**

Mr. Vernon Porter  
General Manager, Power Production  
Idaho Power Evander Andrews Complex  
1862 NW Mashburn Road  
Mountain Home, Idaho 83647

RE: Facility ID No. 039-00024, Idaho Power Evander Andrews Complex, Mountain Home  
Final Permit Letter

Dear Mr. Porter:

The Idaho Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-060065 to Idaho Power Evander Andrews Complex, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho).

This permit is based on your permit application received on December 21, 2006, and additional information received on January 31, 2007. This permit does not release Idaho Power, Evander Andrews Complex from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

This permit to construct does not contravene any existing Tier I operating permit conditions, therefore the process or equipment may be operated in accordance with the permit to construct before the Tier I operating permit is issued. The permit to construct will be incorporated into the Tier I operating permit. The existing Tier I operating permit has a remaining permit term of three or more years. The Tier I operating permit can be reopened for cause according to IDAPA 58.01.01.386.01.a. DEQ requests that the permittee submit an application as soon as practical to incorporate the permit to construct into the Tier I operating permit.

A representative of the Boise Regional Office will contact you regarding a meeting with DEQ to discuss the permit terms and requirements. DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Tracy Drouin at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mike Simon".

Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS\TD\bf Project No. P-060065

Enclosures

c: Leonard Herr, Boise Regional Office  
Bill Rogers, Permit Coordinator (Ltr only)  
Tracy Drouin, Permit Writer  
Marilyn Seymore/ Pat Rayne, Air Quality Division  
Laurie Kral, US EPA Region 10  
Permit Binder  
Source File  
Phyllis Heitman (Ltr Only)  
Reading File (Ltr Only)  
Joan Lechtenberg, Public Comment



**Air Quality  
PERMIT TO CONSTRUCT**

State of Idaho  
Department of Environmental Quality

**PERMIT No.:** P-060065  
**FACILITY ID No.:** 039-00024  
**AQCR:** 63                      **CLASS:** A  
**SIC:** 4911 **ZONE:** 11  
**UTM COORDINATE (km):** 608.4 , 4777.7

**1. PERMITTEE**  
Idaho Power Company

**2. PROJECT**  
Siemens Westinghouse SGT6-5000F Combustion Turbine

<b>3. MAILING ADDRESS</b> 1221 West Idaho Street	<b>CITY</b> Boise	<b>STATE</b> Idaho	<b>ZIP</b> 83702
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<b>4. FACILITY CONTACT</b> Greg Hall	<b>TITLE</b> Mechanical Engineer	<b>TELEPHONE</b> 208-388-2506
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<b>5. RESPONSIBLE OFFICIAL</b> Vernon Porter	<b>TITLE</b> General Manager, Power Production	<b>TELEPHONE</b> 208-388-2553
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<b>6. EXACT PLANT LOCATION</b> 1862 Mashburn Road, Mountain Home, ID 83647	<b>COUNTY</b> Elmore
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**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**  
Electric power generation

**8. GENERAL CONDITIONS**

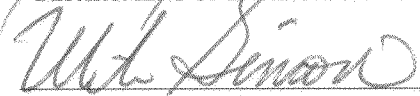
This permit is issued according to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200 through 228, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

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 Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume 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 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 in design, equipment or operations may be considered a modification. Modifications are subject to DEQ review in accordance with IDAPA 58.01.01.200 through 228 of the Rules for the Control of Air Pollution in Idaho.

  
 TRACY DROUIN, PERMIT WRITER  
 DEPARTMENT OF ENVIRONMENTAL QUALITY

  
 MIKE SIMON, STATIONARY SOURCE PROGRAM MANAGER  
 DEPARTMENT OF ENVIRONMENTAL QUALITY

<b>DATE MODIFIED/REVISED:</b>	
<b>DATE ISSUED:</b>	May 1, 2007

## Table of Contents

1. PERMIT TO CONSTRUCT SCOPE .....	4
2. FACILITY-WIDE CONDITIONS .....	5
3. EMISSIONS UNIT NO. 1 – CT1, ONE COMBUSTION TURBINE .....	8
4. EMISSIONS UNIT NO. 2 – ONE FUEL HEATER .....	13
5. PERMIT TO CONSTRUCT GENERAL PROVISIONS.....	14

## Acronyms, Units, and Chemical Nomenclature

AQCR	Air Quality Control Region
CEMS	Continuous Emissions Monitoring System
CFR	Code of Federal Regulations
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
DEQ	Idaho Department of Environmental Quality
dscf	dry standard cubic feet
EPA	U.S. Environmental Protection Agency
gr	grain (1 lb = 7,000 grains)
HAPs	hazardous air pollutants
HHV	higher heating value
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
J	joule
km	kilometer
lb/MMBtu	pounds per million British thermal units
lb/hr	pound per hour
MMBtu	million British thermal units
MW	megawatt
NO <sub>x</sub>	nitrogen oxides
ng	nanograms
NSPS	New Source Performance Standards
PM	particulate matter
PM <sub>10</sub>	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
ppmv	parts per million by volume
PTC	permit to construct
RATA	Relative Accuracy Test Audit
SIC	Standard Industrial Classification
SO <sub>2</sub>	sulfur dioxide
TAPs	toxic air pollutants
T/yr	tons per year
UTM	Universal Transverse Mercator
VOC	volatile organic compound

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**1. PERMIT TO CONSTRUCT SCOPE**

***Purpose***

The purpose of this PTC modification is to establish emission limits, operating conditions, monitoring and recordkeeping requirements for this project. The new turbine is defined as a new stationary source at an existing facility.

***Regulated Sources***

Table 1.1 lists all sources of regulated emissions in this PTC.

**Table 1.1 REGULATED EMISSIONS SOURCES**

<b>Permit Section</b>	<b>Source Description</b>	<b>Emissions Control(s)</b>
2	Facility-wide	n/a
3	CT1, One 170 MW Siemens Westinghouse SGT6-5000F Combustion Turbine	Dry Low NO <sub>x</sub> combustors
4	One 3.6 MMBtu/hr Sivalls fuel heater	None

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<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**2. FACILITY-WIDE CONDITIONS**

The following requirements generally apply to all emissions units and/or sources at the facility.

***Emissions Limits/Operating Requirements***

**2.1 Reasonable Control of Fugitive Emissions**

All reasonable precautions shall be taken to prevent particulate matter (PM) from becoming airborne as required in IDAPA 58.01.01.651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following:

- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
- Application, where practical, of asphalt, water or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can create dust.
- Installation and use, where practical, of hoods, fans and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
- Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- Paving of roadways and their maintenance in a clean condition, where practical.
- Prompt removal of earth or other stored material from streets, where practical.

**2.2 Opacity Limit**

The permittee shall not discharge any air pollutant into the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which exceeds 20% opacity, as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

**2.3 Odorous Emissions Standard**

Odorous gases shall not be emitted to the atmosphere in such quantities as to cause air pollution in accordance with IDAPA 58.01.01.776.01.

**2.4 Air Pollution Emergency Rule**

The permittee shall comply with the *Air Pollution Emergency Rule* in IDAPA 58.01.01.550-562.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

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<b>Location:</b>	Mountain Home, Idaho	

***Monitoring and Recordkeeping Requirements***

**2.5 Fugitive Emissions Monitoring Requirement**

- 2.5.1 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive dust.
- 2.5.2 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee’s assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

***Reporting Requirements***

**2.6 Excess Emissions**

The permittee shall submit a report of any and all exceedances of any emission rate, visible emission, or operating requirement listed in the emissions limits and operating requirements sections of this permit to DEQ in accordance with IDAPA 58.01.01.130-136.

**2.7 Reports and Certifications**

All periodic reports and certifications required by this permit shall be submitted to DEQ within 60 days of the end of each specified reporting period unless specified otherwise in this permit. Excess emissions reports and notifications shall be submitted in accordance with Permit Condition 2.6. Reports, certifications and notifications shall be submitted to the following:

Air Quality Permit Compliance  
Department of Environmental Quality  
Boise Regional Office  
1445 N Orchard St.  
Boise, ID 83706-2239  
Telephone: (208) 373-0550  
Facsimile: (208) 373-0287

In accordance with 40 CFR 60.4, all requests, reports, applications, submittals, and other communications to the U.S. Environmental Protection Agency (EPA) Administrator pursuant to 40 CFR 60, New Source Performance Standards (NSPS) shall be submitted in duplicate to EPA Region 10 to the attention of the Director of the Office of Air Quality at the following address. Copies of all information required to be submitted to EPA for applicable NSPS requirements, shall also be submitted to DEQ at the preceding address.

EPA Region 10  
Air Operating Permits, OAQ-107  
1200 Sixth Ave.  
Seattle, WA 98101



**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**2.8 Permit Application Requirements**

2.8.1 The permittee shall comply with the Acid Rain permit application requirements in accordance with 40 CFR 72.9(a) and 40 CFR Part 72, Subpart C.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**3. EMISSIONS UNIT NO. 1 – CT1, ONE COMBUSTION TURBINE**

**3.1 Process Description**

The primary purpose of the CT1, 170-megawatt (MW) combustion turbine, will be to provide electric power generation to meet peak system load requirements.

**3.2 Emissions Control Description**

Emissions of NO<sub>x</sub> from the combustion turbine are controlled by Dry Low NO<sub>x</sub> combustors.

**Table 3.1 COMBUSTION TURBINE DESCRIPTION**

Emissions Unit(s) / Process(es)	Emissions Control Device	Emissions Point
CT1, One 170 MW Siemens Westinghouse SGT6-5000F Combustion Turbine	Dry Low NO <sub>x</sub> combustors	Turbine stack

***Emissions Limits***

**3.3 Nitrogen Oxides (NO<sub>x</sub>) Emissions Limit – 40 CFR 60.4320**

The permittee shall meet the emission limit for NO<sub>x</sub> specified in Table 1 of 40 CFR 60 Subpart KKKK as 15 ppm at 15% O<sub>2</sub> or 54 nanograms per Joule (ng/J) of useful output (0.43 pounds per megawatt-hour (lb/MWh)) for new, modified, or reconstructed combustion turbine firing natural gas with heat input at peak load (HHV) greater than 850 MMBtu/hr.

**3.4 Sulfur Dioxide (SO<sub>2</sub>) Emissions Limit – 40 CFR 60.4330**

The permittee shall comply with either Permit Condition 3.4.1 or Permit Condition 3.4.2.

3.4.1 The permittee shall not cause to be discharged into the atmosphere from the subject stationary combustion turbine any gases which contain SO<sub>2</sub> in excess of 110 nanograms per Joule (ng/J) (0.90 pounds per megawatt-hour (lb/MWh)) gross output, or

3.4.2 The permittee shall not burn in the subject stationary combustion turbine any fuel which contains total potential sulfur emissions in excess of 26 ng SO<sub>2</sub>/J (0.060 lb SO<sub>2</sub>/MMBtu) heat input.

**3.5 Criteria Pollutant Emissions Limits**

Emissions of nitrogen oxide (NO<sub>x</sub>) and carbon monoxide (CO) from the CT1 stack shall not exceed any corresponding emissions limits listed in Table 3.2.

**Table 3.2 COMBUSTION TURBINE EMISSIONS LIMITS<sup>a</sup>**

Source Description	NO <sub>x</sub>	CO
	T/yr	T/yr
Combustion Turbine CT1	247.0	248.0

<sup>a</sup>The permittee shall not exceed the T/yr listed based on any consecutive 12-month period.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

***Operating Requirements***

**3.6 General Requirements – 40 CFR 60.4333**

In accordance with 40 CFR 60.4333, the permittee shall operate and maintain the stationary turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times during startup, shutdown, and malfunction.

**3.7 Fuel Restrictions**

CT1 shall be fired by natural gas exclusively.

**3.8 Turbine Startup Restriction**

The permittee shall under no circumstance commence startup of CT1 without prior, written DEQ-approval of the protocol required by Permit Condition 3.13.

***Monitoring and Recordkeeping Requirements***

**3.9 Nitrogen Oxides Monitoring Requirement – 40 CFR 60.4340**

The permittee shall monitor NO<sub>x</sub> emissions in accordance with 40 CFR 60.4340.

**3.10 Exempted from Monitoring the Total Sulfur Content of the Fuel – 40 CFR 60.4365**

The permittee may elect not to monitor the total sulfur content of the fuel combusted in the turbine in accordance with 40 CFR 60.4365.

**3.11 Monitoring the Total Sulfur Content of the Fuel – 40 CFR 60.4360 and 4370**

The permittee shall monitor the total sulfur content of the turbine’s combustion in accordance with 40 CFR 4360, and 4370 if the permittee elect not to demonstrate sulfur content using options in Permit Condition 3.10 (40 CFR 60.4365)

**3.12 Carbon Monoxide Monitoring Requirements**

3.12.1 The permittee shall install, certify, operate, and maintain a CEMS consisting of a CO pollutant concentration monitor and an oxygen diluent gas monitor. The CEMS shall be equipped with an automated data acquisition and handling system for measuring and recording the CO concentration (in ppmv) and CO emissions rate (in lb/hr) discharged to the atmosphere from the CT1 stack. The permittee shall fully comply with all requirements set forth in 40 CFR 60, Appendices B and F.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

3.12.2 Carbon Monoxide RATA

Within 60 days after achieving the maximum production rate at which CT1 will operate, but not later than 180 days after initial start-up of CT1, the permittee shall perform a RATA on the CO CEMS. The initial RATA, and any subsequent RATAs conducted to demonstrate compliance, shall be performed in accordance with 40 CFR 60, Appendix F.

**3.13 Emissions Rates Monitoring for NO<sub>x</sub> and CO**

3.13.1 Emissions Rate Quantification Protocol Requirement

Within 60 days of permit issuance, the permittee shall submit a protocol addressing the methodology to be used to quantify NO<sub>x</sub> and CO emissions rates from CT1 to DEQ for approval. The protocol shall explicitly describe and discuss the manner by which the permittee will utilize the data collected, and/or derived in accordance with Permit Conditions 3.9 through 3.12, to quantify emissions rates of NO<sub>x</sub> and CO. The protocol shall include or identify, at a minimum, the source of all data to be used in the emissions rate quantification. The protocol must be sufficiently detailed to allow DEQ to reproduce and/or verify emissions rate estimates for purposes of determining compliance with Permit Condition 3.5.

3.13.2 NO<sub>x</sub> and CO Emissions Rates Monitoring

The permittee shall monitor and record the information listed below. The information shall be compiled in accordance with the DEQ-approved protocol required by Permit Condition 3.13.1.

- The total NO<sub>x</sub> emissions rate in tons per each calendar month after turbine startup.
- The total, cumulative NO<sub>x</sub> emissions rate in tons per each consecutive 12-month period.
- The total CO emissions rate in tons per each calendar month after turbine startup.
- The total, cumulative CO emissions rate in tons per each consecutive 12-month period.

**3.14 General Provisions – 40 CFR 60 Subpart A**

The permittee shall comply with the applicable New Source Performance Standards (NSPS) General Provisions specified in 40 CFR Part 60, Subpart A.

**3.15 Recordkeeping**

All records required under this Monitoring and Recordkeeping Requirements section shall be kept onsite for a minimum of five years and shall be made available to DEQ representatives upon request.

***Reporting Requirements***

**3.16 Report Excess Emissions and Monitor Downtime – 40 CFR 60.4375**

The permittee shall report excess emissions and monitor downtime in accordance with 40 CFR 60.4375.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**3.17 Identifying Nitrogen Oxides Excess Emissions Using CEMS Data – 40 CFR 60.4350**

The permittee shall use data from the CEMS to identify excess NO<sub>x</sub> emissions in accordance with 40 CFR 60.4350.

**3.18 Excess Emissions and Monitor Downtime Defined for NO<sub>x</sub> – 40 CFR 60.4380**

For the purpose of reports required under 40 CFR 60.7(c), periods of NO<sub>x</sub> excess emissions and monitor downtime that must be reported are defined in accordance with 40 CFR 60.4380.

**3.19 Excess Emissions and Monitoring Downtime Defined for SO<sub>2</sub> – 40 CFR 60.4385**

For SO<sub>2</sub>, excess emissions and monitoring downtime are defined in accordance with 40 CFR 60.4385.

**3.20 Performance Test Protocols**

The permittee shall submit a test protocol, for each performance test required in the performance test section of this permit to DEQ for approval at least 30 days prior to the test date.

**3.21 Performance Test Results**

The permittee shall submit a written report of the performance test results, as required in the performance test of this permit to DEQ within 60 days of performing each respective test.

**3.22 Test Protocols for CEMS Certification/Recertification Tests**

The permittee shall submit a test protocol to DEQ for each certification and recertification of the NO<sub>x</sub> and CO CEMS required by Permit Conditions 3.9 and 3.12 for approval. Each test protocol shall be submitted to DEQ for approval at least 30 days prior to the respective test date.

**3.23 Initial Certification, Recertification, and Monitoring Plans for NO<sub>x</sub>-CEMS**

The permittee shall comply with the reporting requirements set forth in 40 CFR 75, Subpart G. In accordance with 40 CFR 75.60(b)(2), copies of all certification or recertification notifications, certification or recertification applications, and monitoring plans for NO<sub>x</sub>-CEMS shall be submitted to DEQ. The copies shall be submitted to DEQ no later than the respective date specified in 40 CFR 75, Subpart G, for submission to the EPA Administrator.

In addition, the permittee shall submit a written report (including all raw field data, etc.) to DEQ for each certification or recertification test required in this PTC. Each report shall be submitted to DEQ within 60 days of the date on which the respective test was completed.

**3.24 Results of Certification/Recertification Tests for CO-CEMS**

The permittee shall submit a written report of the results of CO-CEMS certification/recertification tests to DEQ, within 60 days of performing each respective test.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**3.25 Results of RATAs**

The results of any RATAs conducted for compliance shall be submitted to DEQ within 60 days of the completion of the test.

**3.26 Quality Assurance Procedures Requirements for CEMS**

All CEMS data submitted to EPA and/or DEQ shall meet the quality assurance procedures in 40 CFR 60, Appendix F.

***Performance Test***

**3.27 Conduct the Initial and Subsequent Performance Tests for NO<sub>x</sub> – 40 CFR 60.4400**

The permittee shall conduct the initial and subsequent performance tests for NO<sub>x</sub> in accordance with 40 CFR 60.4400.

**3.28 Perform the Initial Performance Test If I Have Chosen to Install a NO<sub>x</sub>-Diluent CEMS – 40 CFR 60.4405**

If the permittee elects to install and certify a NO<sub>x</sub>-diluent CEMS under 40 CFR 60.4345, the permittee may perform the initial performance test in accordance with 40 CFR 60.4405.

**3.29 Conduct the Initial and Subsequent Performance Tests for Sulfur – 40 CFR 60.4415**

The permittee shall conduct the initial and subsequent performance tests for sulfur in accordance with 40 CFR 60.4415.

**3.30 Report Submittal Timing – 40 CFR 60.4395**

All reports required under 60.7© must be postmarked by the 30<sup>th</sup> day following the end of each 6-month period in accordance with 40 CFR 60.4395.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**4. EMISSIONS UNIT NO. 2 – H2, ONE FUEL HEATER**

**4.1 Process Description**

The primary purpose of the fuel heater is to heat natural gas prior to combustion in the turbine.

**4.2 Emissions Control Description**

Emissions from the fuel heater are uncontrolled.

***Emissions Limits***

**4.3 Criteria Pollutant Emissions Limits**

The NO<sub>x</sub> and CO emissions from the fuel heater stack shall not exceed any corresponding emissions rate limits listed in Table 4.1.

**Table 4.1 FUEL HEATER EMISSIONS LIMITS<sup>a</sup>**

<b>Source Description</b>	<b>NO<sub>x</sub></b>	<b>CO</b>
	<b>T/yr</b>	<b>T/yr</b>
Fuel Heater (H2)	1.91	1.60

<sup>a</sup>The permittee shall not exceed the T/yr listed based on any consecutive 12-month period.

**4.4 Fuel Burning Equipment Emissions Standard**

Emissions of PM from the fuel heater shall not exceed 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume when fired with natural gas, as required by IDAPA 58.01.01.676.

***Operating Requirements***

**4.5 Fuel Firing Restriction**

The volume of natural gas combusted in the fuel heater shall not exceed 31,500,000 cubic feet in any consecutive 12-month period.

***Monitoring and Recordkeeping Requirements***

**4.6 Operational Monitoring Requirement**

A compilation of the most recent five years of records shall be kept onsite and shall be made available to DEQ representatives upon request. The permittee shall monitor and record the following information:

- The total volume of natural gas combusted in the fuel heater in standard cubic feet per calendar month.
- The total volume of natural gas combusted in the fuel heater in standard cubic feet per any consecutive 12-month period.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

**5. PERMIT TO CONSTRUCT GENERAL PROVISIONS**

***General Compliance***

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. 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 emissions 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.  

**[Idaho Code §39-101, et seq.]**
  
2. 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.  

**[IDAPA 58.01.01.211, 5/1/94]**
  
3. Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules and regulations.  

**[IDAPA 58.01.01.212.01, 5/1/94]**

***Inspection and Entry***

4. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
  - a. Enter upon the permittee’s premises where an emissions source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
  - b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
  - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

**[Idaho Code §39-108]**

***Construction and Operation Notification***

5. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
  - a. A notification of the date of initiation of construction, within five working days after occurrence;
  - b. A notification of the date of any suspension of construction, if such suspension lasts for one year or more;



**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

- c. A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date;
- d. A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- e. A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

**[IDAPA 58.01.01.211, 5/1/94]**

***Performance Testing***

- 6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee’s risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

**[IDAPA 58.01.01.157, 4/5/00]**

***Monitoring and Recordkeeping***

- 7. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date 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 existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

**[IDAPA 58.01.01.211, 5/1/94]**

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-060065**

<b>Permittee:</b>	Idaho Power – Evander Andrews	<b>Facility ID No. 039-00024</b>
<b>Location:</b>	Mountain Home, Idaho	

***Excess Emissions***

8. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

**[IDAPA 58.01.01.130-136, 4/5/00]**

***Certification***

9. All documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

**[IDAPA 58.01.01.123, 5/1/94]**

***False Statements***

10. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

**[IDAPA 58.01.01.125, 3/23/98]**

***Tampering***

11. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

**[IDAPA 58.01.01.126, 3/23/98]**

***Transferability***

12. This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

**[IDAPA 58.01.01.209.06, 4/11/06]**

***Severability***

13. 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.