PART 70
PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth herein.

Operating Permit Number: OP2019-031
Expiration Date: AUG 15 2024
Installation ID: 217-0034
Project Number: 2019-02-045

Installation Name and Address
KCP&L-GMO Nevada Gas Turbine
15645 S. 1400 Rd.
Nevada, MO 64772
Vernon County

Parent Company's Name and Address
Evergy, Inc.
PO Box 418679
Kansas City, MO 64141

Installation Description:
KCP&L Greater Missouri Operations Company (KCP&L – GMO) operates the Nevada Generating Station. The installation consists of one 384.2 million British thermal units per hour (MMBtu/hr) combustion turbine used for electricity generation and one 374 hp start-up diesel engine. The facility is major for nitrogen oxides and sulfur oxides. The diesel start-up generator is subject to 40 CFR Part 63 Subpart ZZZZ. The installation is not a named source.

AUG 15 2019
Effective Date

Director or Designee
Department of Natural Resources
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I. Installation Equipment Listing

EMISSION UNITS WITH LIMITATIONS
The following list provides a description of the equipment at this installation that emits air pollutants and that are identified as having unit-specific emission limitations.

<table>
<thead>
<tr>
<th>Emission Unit #</th>
<th>Description of Emission Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU01</td>
<td>Combustion Turbine (384.2 MMBtu) (No. 2 Fuel Oil) (1974)</td>
</tr>
<tr>
<td>EU02</td>
<td>Start-Up Engine (374 hp) (No. 2 Fuel Oil) (1974)</td>
</tr>
<tr>
<td>EU03</td>
<td>Emergency Generator (72 hp) (LPG) (April 2008)</td>
</tr>
</tbody>
</table>

EMISSION UNITS WITHOUT SPECIFIC LIMITATIONS
The following list provides a description of the equipment, which does not have unit specific limitations at the time of permit issuance.

<table>
<thead>
<tr>
<th>Emission Unit #</th>
<th>Description of Emission Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP-02</td>
<td>Storage Tank – No. 2 Fuel Oil, 546,000 gallon capacity</td>
</tr>
<tr>
<td>EP-04</td>
<td>Turbine Lube Oil Reservoir, 1,700 gallon capacity</td>
</tr>
</tbody>
</table>
II. Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued. The plant wide conditions apply to all emission units at this installation. All emission units are listed in Section I under Emission Units with Limitations and Emission Units without Specific Limitations.

None.
III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

### PERMIT CONDITION 6.260
10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU01</td>
<td>Combustion Turbine (384.2 MMBtu) (No. 2 Fuel Oil) (1974)</td>
</tr>
<tr>
<td>EU02</td>
<td>Start-Up Engine (374 hp) (No. 2 Fuel Oil) (1974)</td>
</tr>
</tbody>
</table>

*Note: As of issuance of this permit, 10 CSR 10-6.260 is a Federal Only requirement*

**Emission Limitations:**

1) Emissions from any new source operation shall not contain more than five hundred parts per million by volume (500 ppmv) of sulfur dioxide. [6.260(3)(A)1.]

2) Stack gases shall not contain more than thirty-five milligrams (35 mg) per cubic meter of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three hour time period. [6.260(3)(A)1.]

**Monitoring/ Recordkeeping/ Reporting**

None, see Statement of Basis.

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1 This regulation was rescinded from Missouri Code of State Regulations on November 30, 2015 but it remains in Missouri’s SIP and thus still remains an applicable federal regulation. Upon adoption of 10 CSR 10-6.261 into Missouri’s SIP, 10 CSR 10-6.260 will be removed from the SIP and thus this rule will no longer be applicable to the installation.
PERMIT CONDITION 6.261
10 CSR 10-6.261 Control of Sulfur Dioxide Emissions

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU01</td>
<td>Combustion Turbine (384.2 MMBtu) (No. 2 Fuel Oil) (1974)</td>
<td>All</td>
</tr>
<tr>
<td>EU02</td>
<td>Start-Up Engine (374 hp) (No. 2 Fuel Oil) (1974)</td>
<td>All</td>
</tr>
<tr>
<td>EU03</td>
<td>Emergency Generator (72 hp) (LPG) (April 2008)</td>
<td>Recordkeeping and Reporting</td>
</tr>
</tbody>
</table>

Note: As of issuance of this permit, 10 CSR 10-6.261 is a State Only requirement\(^2\)

Operational Limitation
Liquid fuel sulfur content is limited to 8,812 parts per million (8,812 ppm) for distillate fuel. [6.261(3)(C)]

Monitoring/Recordkeeping
1) The permittee shall determine compliance using fuel delivery records or fuel sampling and analysis. [6.261(4)(C) and/or 6.261(4)(D)]
2) If using fuel delivery records:
   a) The permittee must maintain a record of fuel deliveries. [6.261(4)(C)]
   b) The permittee must maintain the fuel supplier information to certify all fuel deliveries. Bills of lading and/or other fuel delivery documentation containing the following information for all fuel purchases or deliveries are deemed acceptable to comply with the requirements of this rule:
      i. The name, address, and contact information of the fuel supplier; [6.261(4)(C)(1)]
      ii. The type of fuel; [6.261(4)(C)(2)]
      iii. The sulfur content or maximum sulfur content expressed in percent sulfur by weight or in ppm sulfur; and [6.261(4)(C)(4)]
      iv. The heating value of the fuel. [6.261(4)(C)(5)]
3) If using fuel sampling and analysis:
   a) Determine sulfur weight percent, or equivalent, of fuel(s) used to operate fuel emission sources and/or units regulated by this rule in accordance with 10 CSR 10-6.040. [6.261(5)(D)]
4) The permittee must furnish the Director all data necessary to determine compliance status.
5) Records may be kept electronically using database or workbook systems, as long as all required information is readily available for compliance determinations.
6) All records must be kept for a minimum of 5 years and be made available to Department of Natural Resources’ personnel upon request.

Reporting
1) The permittee shall report any exceedance of the limitations imposed by this permit condition no later than ten days after the end of a month during which any record required by this permit shows an exceedance of a requirement imposed by this permit.

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\(^2\) Missouri’s SIP has not adopted this regulation; therefore, this regulation is a state only requirement. Upon adoption into Missouri’s SIP this regulation will be both a state and federal requirement.
2) The permittee shall report any deviations from the monitoring, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and annual compliance certification.

3) All reports and certifications shall be submitted to the Air Pollution Control Program’s Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov.
PERMIT CONDITION ZZZZ

10 CSR 10-6.075 Maximum Achievable Control Technology Regulations
Stationary Reciprocating Internal Combustion Engines

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU02</td>
<td>Start-Up Engine (374 hp) (No. 2 Fuel Oil) (1974)</td>
</tr>
</tbody>
</table>

General Compliance Requirements
1) The permittee must be in compliance with the emission limitations, operating limitations, and other
requirements in MACT ZZZZ that apply at all times. [§63.6605(a)]
2) At all times the permittee must operate and maintain any affected source in a manner consistent with
safety and good air pollution control practices for minimizing emissions. [§63.6605(b)]

Operational Limitations/Work Practice Standards
1) The permittee must comply with the requirements in Table 2d. [§63.6603(a)]

Table 2d to Subpart ZZZZ of Part 63—Requirements for Existing Stationary RICE Located at
Area Sources of HAP Emissions

<table>
<thead>
<tr>
<th>For each . . .</th>
<th>The Permittee must meet the following requirements, except during periods of startup . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black start stationary CI RICE³</td>
<td>Change oil and filter every 500 hours of operation or annually, whichever comes first⁴</td>
</tr>
<tr>
<td></td>
<td>Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and</td>
</tr>
<tr>
<td></td>
<td>Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</td>
</tr>
</tbody>
</table>

³ If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order
to perform the management practice requirements on the schedule required in Table 2d of MACT ZZZZ, or if
performing the management practice on the required schedule would otherwise pose an unacceptable risk under
federal, state, or local law, the management practice can be delayed until the emergency is over or the
unacceptable risk under federal, state, or local law has abated. The management practice should be performed as
soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has
abated. Sources must report any failure to perform the management practice on the schedule required and the
federal, state or local law under which the risk was deemed unacceptable.

⁴ Sources have the option to utilize an oil analysis program as described in §63.6625(i) in order to extend the
specified oil change requirement in Table 2d of MACT ZZZZ.
2) The permittee must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [§63.6625(e)]

3) The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [§63.6625(h)]

**Continuous Compliance**

1) The permittee must demonstrate continuous compliance according to methods specified in Table 6 to MACT ZZZZ. [§63.6640(a)]

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance With Emission Limitations, and Other Requirements

<table>
<thead>
<tr>
<th>For each . . .</th>
<th>Complying with the requirement to . . .</th>
<th>The permittee must demonstrate continuous compliance by . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black start stationary RICE located at an area source of HAP</td>
<td>Work or Management practices</td>
<td>i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or ii. Develop and follow a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.</td>
</tr>
</tbody>
</table>

2) The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee shall change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee shall change the oil within 2 business days or before commencing operation, whichever is later. The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [§63.6625(i)]
**Reporting**

1) The permittee must report each instance in which the permittee did not meet each emission limitation or operating limitation in table 2d of MACT ZZZZ that applies. These instances are deviations from the emission and operating limitations in MACT ZZZZ. These deviations must be reported according to the requirements in §63.6650. [§63.6640(b)]

2) The permittee shall report any deviations from the monitoring, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report. [§63.6650(f)]

3) All reports and certifications shall be submitted to the Missouri Compliance Coordinator, Air Branch Enforcement and Compliance Assurance Division U. S. EPA Region 7, 11201 Renner Blvd., Lenexa, Kansas 66219.
IV. Core Permit Requirements

The installation shall comply with each of the following regulations or codes. Consult the appropriate sections in the Code of Federal Regulations (CFR), the Code of State Regulations (CSR), and local ordinances for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued. The following are only excerpts from the regulation or code, and are provided for summary purposes only.

10 CSR 10-6.045 Open Burning Requirements
1) General Provisions. The open burning of tires, petroleum-based products, asbestos containing materials, and trade waste is prohibited, except as allowed below. Nothing in this rule may be construed as to allow open burning which causes or constitutes a public health hazard, nuisance, a hazard to vehicular or air traffic, nor which violates any other rule or statute.
2) Certain types of materials may be open burned provided an open burning permit is obtained from the director. The permit will specify the conditions and provisions of all open burning. The permit may be revoked if the owner or operator fails to comply with the conditions or any provisions of the permit.

10 CSR 10-6.050 Start-up, Shutdown and Malfunction Condition
1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days, in writing, the following information:
   a) Name and location of installation;
   b) Name and telephone number of person responsible for the installation;
   c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
   d) Identity of the equipment causing the excess emissions;
   e) Time and duration of the period of excess emissions;
   f) Cause of the excess emissions;
   g) Air pollutants involved;
   h) Estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
   i) Measures taken to mitigate the extent and duration of the excess emissions; and
   j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
2) The permittee shall submit the paragraph 1 information to the director in writing at least ten days prior to any maintenance, start-up or shutdown activity which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, notice shall be given as soon as practicable prior to the activity.
3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than 15 days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151, RSMo.
4) Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.

5) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

**10 CSR 10-6.060 Construction Permits Required**
The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

**10 CSR 10-6.065 Operating Permits**
The permittee shall file a complete application for renewal of this operating permit at least six months before the date of permit expiration. In no event shall this time be greater than eighteen months. The permittee shall retain the most current operating permit issued to this installation on-site. The permittee shall make such permit available within a reasonable period of time to any Missouri Department of Natural Resources personnel upon request.

The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.

**10 CSR 10-6.110 Reporting of Emission Data, Emission Fees and Process Information**
1) The permittee shall submit a Full Emissions Report either electronically via MoEIS, which requires Form 1.0 signed by an authorized company representative, or on Emission Inventory Questionnaire (EIQ) paper forms on the frequency specified in this rule and in accordance with the requirements outlined in this rule. Alternate methods of reporting the emissions, such as spreadsheet file, can be submitted for approval by the director.

2) Public Availability of Emission Data and Process Information. Any information obtained pursuant to the rule(s) of the Missouri Air Conservation Commission that would not be entitled to confidential treatment under 10 CSR 10-6.210 shall be made available to any member of the public upon request.

3) The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079.

**10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential**
This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

**10 CSR 10-6.150 Circumvention**
The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.
10 CSR 10-6.165 Restriction of Emission of Odors
This requirement is a State Only permit requirement.
No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour. This odor evaluation shall be taken at a location outside of the installation’s property boundary.

10 CSR 10-6.170
Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin

**Emission Limitation:**
1) The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director.
2) The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.
3) Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
   a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
   b) Paving or frequent cleaning of roads, driveways and parking lots;
   c) Application of dust-free surfaces;
   d) Application of water; and
   e) Planting and maintenance of vegetative ground cover.

10 CSR 10-6.180 Measurement of Emissions of Air Contaminants
1) The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.
2) The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
3) The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.
10 CSR 10-6.250 Asbestos Abatement Projects
Certification, Accreditation, and Business Exemption Requirements
This is a State Only permit requirement.
The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the department to monitor training provided to employees.

10 CSR 10-6.280 Compliance Monitoring Usage
1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, “Operating Permits”, and incorporated into an operating permit; and
   c) Any other monitoring methods approved by the director.
2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at an installation:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, “Operating Permits”, and incorporated into an operating permit; and
   c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
   a) Applicable monitoring or testing methods, cited in:
      i) 10 CSR 10-6.030, “Sampling Methods for Air Pollution Sources”;
      ii) 10 CSR 10-6.040, “Reference Methods”;
      iii) 10 CSR 10-6.070, “New Source Performance Standards”;
      iv) 10 CSR 10-6.080, “Emission Standards for Hazardous Air Pollutants”; or
   b) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

40 CFR Part 82 Protection of Stratospheric Ozone (Title VI)
1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
   a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR §82.106.
   b) The placement of the required warning statement must comply with the requirements of 40 CFR §82.108.
   c) The form of the label bearing the required warning statement must comply with the requirements of 40 CFR §82.110.
d) No person may modify, remove, or interfere with the required warning statement except as described in 40 CFR §82.112.

2) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B of 40 CFR Part 82:
   a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices described in 40 CFR §82.156.
   b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment described in 40 CFR §82.158.
   c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR §82.161.
   d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with the record keeping requirements of 40 CFR §82.166. ("MVAC-like" appliance as defined at 40 CFR §82.152).
   e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR §82.156.
   f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR §82.166.

3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.

4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements contained in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

5) The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. Federal Only - 40 CFR Part 82.
V. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

Permit Duration and Extension of Expired Permits


This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed. If a timely and complete application for a permit renewal is submitted, but the Air Pollution Control Program fails to take final action to issue or deny the renewal permit before the end of the term of this permit, this permit shall not expire until the renewal permit is issued or denied.

General Record Keeping and Reporting Requirements

10 CSR 10-6.065(5)(C)1.C

1) Record Keeping
   a) All required monitoring data 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.
   b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made available within a reasonable period of time to any Missouri Department of Natural Resources’ personnel upon request.

2) Reporting
   a) All reports shall be submitted to the Air Pollution Control Program, Compliance and Enforcement Section, P. O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov.
   b) The permittee shall submit a report of all required monitoring by:
      i) October 1st for monitoring which covers the January through June time period, and
      ii) April 1st for monitoring which covers the July through December time period.
   c) Each report shall identify any deviations from emission limitations, monitoring, record keeping, reporting, or any other requirements of the permit, this includes deviations or Part 64 exceedances.
   d) Submit supplemental reports as required or as needed. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
      i) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (5)(C)7.A of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice
must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.

ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.

iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's semiannual report shall be reported on the schedule specified in this permit.

e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.

f) The permittee may request confidential treatment of information submitted in any report of deviation.

Risk Management Plan Under Section 112(r)

10 CSR 10-6.065(5)(C)1.D
If the installation is required to develop and register a risk management plan pursuant to Section 112(R) of the Act, the permittee will verify that it has complied with the requirement to register the plan.

Severability Clause

10 CSR 10-6.065(5)(C)1.F
In the event of a successful challenge to any part of this permit, all uncontested permit conditions shall continue to be in force. All terms and conditions of this permit remain in effect pending any administrative or judicial challenge to any portion of the permit. If any provision of this permit is invalidated, the permittee shall comply with all other provisions of the permit.

General Requirements

10 CSR 10-6.065(5)(C)1.G
1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.

2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.

5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The
permittee may make a claim of confidentiality for any information or records submitted pursuant to 10 CSR 10-6.065(5)(C)1.

Incentive Programs Not Requiring Permit Revisions
10 CSR 10-6.065(5)(C)1.H
No permit revision will be required for any installation changes made under any approved economic incentive, marketable permit, emissions trading, or other similar programs or processes provided for in this permit.

Reasonably Anticipated Operating Scenarios
10 CSR 10-6.065(5)(C)1.I
There are no reasonably anticipated operating scenarios.

Compliance Requirements
10 CSR 10-6.065(5)(C)3
1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.
2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation’s right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
   a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
   b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
   c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
   d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.
3) All progress reports required under an applicable schedule of compliance shall be submitted semiannually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
   a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
   b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, as well as the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov. All deviations and Part 64 exceedances and excursions must be included in the compliance certifications. The compliance certification shall include the following:
a) The identification of each term or condition of the permit that is the basis of the certification;
b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
c) Whether compliance was continuous or intermittent;
d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

Permit Shield
10 CSR 10-6.065(5)(C)6
1) Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date that this permit is issued, provided that:
   a) The applicable requirements are included and specifically identified in this permit, or
   b) The permitting authority, in acting on the permit revision or permit application, determines in writing that other requirements, as specifically identified in the permit, are not applicable to the installation, and this permit expressly includes that determination or a concise summary of it.
2) Be aware that there are exceptions to this permit protection. The permit shield does not affect the following:
   a) The provisions of section 303 of the Act or section 643.090, RSMo concerning emergency orders,
   b) Liability for any violation of an applicable requirement which occurred prior to, or was existing at, the time of permit issuance,
   c) The applicable requirements of the acid rain program,
   d) The authority of the Environmental Protection Agency and the Air Pollution Control Program of the Missouri Department of Natural Resources to obtain information, or
   e) Any other permit or extra-permit provisions, terms or conditions expressly excluded from the permit shield provisions.

Emergency Provisions
10 CSR 10-6.065(5)(C)7
1) An emergency or upset as defined in 10 CSR 10-6.065(5)(C)7 shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
   a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
   b) That the installation was being operated properly,
   c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
   d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.
2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
Operational Flexibility

10 CSR 10-6.065(5)(C)8

An installation that has been issued a Part 70 operating permit is not required to apply for or obtain a permit revision in order to make any of the changes to the permitted installation described below if the changes are not Title I modifications, the changes do not cause emissions to exceed emissions allowable under the permit, and the changes do not result in the emission of any air contaminant not previously emitted. The permittee shall notify the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, at least seven days in advance of these changes, except as allowed for emergency or upset conditions. Emissions allowable under the permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

1) Section 502(b)(10) changes. Changes that, under section 502(b)(10) of the Act, contravene an express permit term may be made without a permit revision, except for changes that would violate applicable requirements of the Act or contravene federally enforceable monitoring (including test methods), record keeping, reporting or compliance requirements of the permit.
   a) Before making a change under this provision, the permittee shall provide advance written notice to the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, describing the changes to be made, the date on which the change will occur, and any changes in emission and any permit terms and conditions that are affected. The permittee shall maintain a copy of the notice with the permit, and the APCP shall place a copy with the permit in the public file. Written notice shall be provided to the EPA and the APCP as above at least seven days before the change is to be made. If less than seven days notice is provided because of a need to respond more quickly to these unanticipated conditions, the permittee shall provide notice to the EPA and the APCP as soon as possible after learning of the need to make the change.
   b) The permit shield shall not apply to these changes.

Off-Permit Changes

10 CSR 10-6.065(5)(C)9

1) Except as noted below, the permittee may make any change in its permitted operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Insignificant activities listed in the permit, but not otherwise addressed in or prohibited by this permit, shall not be considered to be constrained by this permit for purposes of the off-permit provisions of this section. Off-permit changes shall be subject to the following requirements and restrictions:
   a) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is subject to any requirements under Title IV of the Act or is a Title I modification;
   b) The permittee must provide contemporaneous written notice of the change to the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov, as well as EPA Region VII, 11201 Renner...
Blvd., Lenexa, KS 66219. This notice shall not be required for changes that are insignificant activities under 10 CSR 10-6.065(5)(B)3 of this rule. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change.

C) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes; and

d) The permit shield shall not apply to these changes.

Responsible Official
10 CSR 10-6.020(2)(R)34
The application utilized in the preparation of this permit was signed by John Bridson, Vice President, Generation Services. In addition, the following individuals have also been designated as Responsible Officials: Duane Anstaett, Casey Bough, and Daniel Wilkus. If the noted Responsible Officials terminate employment, or are reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within 30 days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

Reopening-Permit for Cause
10 CSR 10-6.065(5)(E)6
This permit shall be reopened for cause if:

1) The Missouri Department of Natural Resources (MoDNR) receives notice from the Environmental Protection Agency (EPA) that a petition for disapproval of a permit pursuant to 40 CFR § 70.8(d) has been granted, provided that the reopening may be stayed pending judicial review of that determination.

2) MoDNR or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit.

3) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if—:
   a) The permit has a remaining term of less than three years;
   b) The effective date of the requirement is later than the date on which the permit is due to expire; or
   c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit.

4) The installation is an affected source under the acid rain program and additional requirements (including excess emissions requirements), become applicable to that source, provided that, upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit; or
5) MoDNR or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

Statement of Basis
10 CSR 10-6.065(5)(E)1.C
This permit is accompanied by a statement setting forth the legal and factual basis for the permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.
VI. Attachments

There are no attachments
STATEMENT OF BASIS

Installation Description
KCP&L Greater Missouri Operations Company (KCP&L – GMO) operates the Nevada Generating Station. The installation consists of one 384.2 million British thermal units per hour (MMBtu/hr) combustion turbine used for electricity generation and one 374 hp start-up diesel engine. The facility is major for nitrogen oxides and sulfur oxides. The diesel start-up generator is subject to 40 CFR Part 63 Subpart ZZZZ. The installation is not a named source.

Updated Potential to Emit for the Installation and Reported Air Pollutant Emissions, in tons per year

The installation’s potential to emit (PTE) was calculated from the combustion turbine (EU01), start-up engine (EU-02), and emergency generator (EU-03). Other emission points were not included. The combustion turbine was calculated at 8760 hours of operation per year. The emergency generator (EU02) was calculated at 500 hours of operation per year. Because the black start engine is used to recover from a black out, it was evaluated similarly to an emergency engine at 500 hours of operation per year. Emission factors were obtained from AP-42.

<table>
<thead>
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<th>Pollutants</th>
<th>Potential Emissions</th>
<th>Reported Emissions</th>
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<tr>
<td>Particulate Matter ≤ Ten Microns (PM_{10})</td>
<td>20.43</td>
<td>0.01</td>
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<tr>
<td>Particulate Matter ≤ 2.5 Microns (PM_{2.5})</td>
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<tr>
<td>Sulfur Oxides (SO_{x})</td>
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<td>Nitrogen Oxides (NO_{x})</td>
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<td>Volatile Organic Compounds (VOC)</td>
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<td>Carbon Monoxide (CO)</td>
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<td>Hazardous Air Pollutants (HAPs)</td>
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</tbody>
</table>

Permit Reference Documents
These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

1) Part 70 Operating Permit Application, received February 25th, 2019;
2) 2017 Emissions Inventory Questionnaire, received April 27th, 2018; and
3) U.S. EPA document AP-42, Compilation of Air Pollutant Emission Factors; Volume I, Stationary Point and Area Sources, Fifth Edition; and
4) All documents referenced under Construction Permit History.

Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits
In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

None.

Other Air Regulations Determined Not to Apply to the Operating Permit
The Air Pollution Control Program (APCP) has determined the following requirements to not be applicable to this installation at this time for the reasons stated.

10 CSR 10-6.100, Alternate Emission Limits
This rule is not applicable because the installation is in an ozone attainment area.

10 CSR 10 6.220, Restriction of Emission of Visible Air Contaminants
This regulation does not apply to the combustion turbine (EU01), the start-up engine (EU02), or the emergency generator (EU03) because they are internal combustion engines and exempt under (1)(A) of the regulation. [6.260(1)(A)]

10 CSR 10 6.400, Restriction of Emission of Particulate Matter From Industrial Processes
This regulation does not apply to the combustion turbine (EU01), the start-up engine (EU02), or the emergency generator (EU03) because they do not meet the definition of process weight. [6.020(2)(P)60.]

10 CSR 10 6.405, Restriction of Particulate Matter Emissions From Fuel Burning Equipment Used For Indirect Heating
This regulation does not apply to the combustion turbine (EU01), the start-up engine (EU02), or the emergency generator (EU03) because they are not indirect heating sources. [6.405(B)]

10 CSR 10 6.170, Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin
This site is not a source of PM dust fugitive emissions, thus the monitoring and recordkeeping requirements have been removed from the permit.

Construction Permit History
None, all units were grandfathered in.

New Source Performance Standards (NSPS) Applicability

40 CFR Part 60, Subpart GG, Standards of Performance for Stationary Gas Turbines
1. The provisions of this subpart are applicable to all stationary gas turbines, which commences construction, modification, or reconstruction after October 3, 1977, with a heat input at peak load equal to or greater than 10.7 gigajoules per hour, based on the lower heating value of the fuel fired.
2. The combustion turbine (EU01) was constructed in 1974, and there has not been any modification to the turbine. Therefore this unit is not subject to Subpart GG.

The provisions of this subpart are applicable to liquid storage vessels with capacities of at least 40,000 gallons. This regulation defines petroleum liquids in 40 CFR Part 60, Subpart K, 60.111(b) as “petroleum, condensate, and any finished or intermediate products manufactured in a petroleum refinery but does not mean Nos. 2 through 6 fuel oils as specified in ASTM D396-78.” The 546,000 gallon capacity storage tank is used solely as storage for No. 2 fuel oil, therefore this tank is not subject to the requirements of this subpart.

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*

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*

This regulation does not apply because the storage tanks were constructed before 1978.

40 CFR Part 60, Subparts III, *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*

40 CFR Part 60, Subparts JJJJ, *Standards of Performance for Stationary Spark Ignition Internal Combustion Engines*

1. The start-up engine (EU02) was installed in 1974 which is prior to the applicability date for engines subject to Subparts III and JJJJ, therefore these regulations are not included in the operating permit.
2. The emergency engine (EU03) was installed in April 2008 so 60.4230(a)(6) applies. However, the only applicable requirement is 60.4236. This requirement sets deadlines for installation of SI ICE which does not apply to this installation because the EU-03 has already been installed.

**Maximum Achievable Control Technology (MACT) Applicability**


1. This regulation applies to the start-up engine (EU02) and is cited under Permit Condition MACT ZZZZ.
2. This regulation also applies to the 74 hp emergency engine. However, this engine complies with MACT ZZZZ by complying with JJJJ. JJJJ contains no requirements for emergency engines constructed before January 1st, 2009. Thus, neither regulation is cited in the operating permit for the 74 hp emergency engine.

**National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability**

None.

**Compliance Assurance Monitoring (CAM) Applicability**

40 CFR Part 64, *Compliance Assurance Monitoring (CAM)*

The CAM rule applies to each pollutant specific emission unit that:

- Is subject to an emission limitation or standard, and
- Uses a control device to achieve compliance, and
- Has pre-control emissions that exceed or are equivalent to the major source threshold.

40 CFR Part 64 is not applicable because none of the pollutant-specific emission units uses a control device to achieve compliance with a relevant standard.

**Greenhouse Gas Emissions**

This source may be subject to the Greenhouse Gas Reporting Rule. However, the preamble of the GHG Reporting Rule clarifies that Part 98 requirements do not have to be incorporated in Part 70 operating permits at this time. In addition, Missouri regulations do not require the installation to report CO₂ emissions in their Missouri Emissions Inventory Questionnaire; therefore, the installation’s CO₂ emissions were not included within this permit. If required to report, the applicant is required to report the data directly to EPA. The public may obtain CO₂ emissions data by visiting http://epa.gov/ghgreporting/ghgdata/reportingdatasets.html.

**Other Regulatory Determinations**

10 CSR 10 6.260, *Restriction of Emission of Sulfur Compounds*

1. This regulation was rescinded from the code of state regulations (CSR). However, this regulation is still contained in Missouri’s State Implementation Plan (SIP). This regulation is a federally enforceable requirement until it is removed from the SIP; therefore, it must appear in this Operating Permit. This regulation is cited in Permit Condition 6.260.
2. This regulation applies to the combustion turbine (EU01) and the start-up engine (EU02) and is cited under Permit Condition 6.260.
3. Permit Condition 6.261 requires a fuel sulfur limit of 8,812 ppm. The following calculations demonstrate that by complying with 6.261’s fuel requirements the installation is compliant with 6.260’s emission limitations.
4. This regulation does not apply to the emergency generator (EU03) because it is fueled by LPG.

*Calculations:*

**SO₂**

\[
ppm_v = \left( \frac{0.88 \text{ lbs}}{\text{MMBtu}} \right) \left( \frac{\text{MMBtu}}{10320 \text{ wscf}} \right) \frac{ppm_w}{1.66 \times 10^{-7} \text{ lbs/scf}} \left( \frac{0.45 ppm_v}{ppm_w} \right) = 231.4 \text{ ppm SO}_2
\]

(AP-42 Table 1.3-1)

**SO₃**

\[
SO_3 \left( \frac{mg}{m^3} \right) = \left( \frac{0.009 \text{ lbs}}{\text{MMBtu}} \right) \left( \frac{\text{MMBtu}}{10320 \text{ wscf}} \right) \left( \frac{1.60 \times 10^7 \text{ lb/m}^3}{\text{lb/scf}} \right) = 13.8 \frac{mg}{m^3}
\]

(AP-42 Table 1.3-1)

10 CSR 10 6.261, *Control of Sulfur Dioxide Emissions*

1. Missouri’s SIP has not adopted this regulation; therefore, this regulation is a state only requirement. Upon adoption into Missouri’s SIP this regulation will be both a state and federal requirement.
2. This regulation applies to the combustion turbine (EU01), the start-up engine (EU02), and the emergency generator (EU03) and is cited under Permit Condition 6.261.
3. Only the record keeping portion of the regulation applies to the emergency generator (EU03).
Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis

Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons:

1. The specific pollutant regulated by that rule is not emitted by the installation;
2. The installation is not in the source category regulated by that rule;
3. The installation is not in the county or specific area that is regulated under the authority of that rule;
4. The installation does not contain the type of emission unit which is regulated by that rule;
5. The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the APCP’s satisfaction, the installation’s compliance with that regulation(s). If the installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the APCP a schedule for achieving compliance for that regulation(s).
Response to Public Comments

The draft Part 70 Operating Permit for KCP&L Nevada (217-0034) was placed on public notice as of June 28, 2019 for a 30-day comment period. The public notice was published on the Department of Natural Resources’ Air Pollution Control Program’s web page at: http://dnr.mo.gov/env/apcp/permit-public-notices.htm.

The Air Pollution Control Program received comments from Mr. Bob Cheever from EPA Region 7. The comments are addressed in the order in which they appear within the letter(s).

Comment #1: Permit Condition ZZZZ incorporates area source hazardous air pollutant (HAP) requirements from 40 CFR Part 63, Subpart ZZZZ and as indicated in 10 CSR 10-6.075, EPA has been designated the regulating agency by MoDNR. Therefore, the reporting requirements, in this permit condition should reflect that the Region 7 Missouri Air Compliance Coordinator, Air Branch, Enforcement & Compliance Assurance Division is the primary recipient of compliance reports, with MoDNR receiving copies as required.

Response to Comment: The following language was added to MACT ZZZZ:

“All reports and certifications shall be submitted to the Missouri Compliance Coordinator, Air Branch Enforcement and Compliance Assurance Division U. S. EPA Region 7, 11201 Renner Blvd., Lenexa, Kansas 66219.”
Mr. John Bridson  
KCP&L-GMO Nevada Gas Turbine  
PO Box 418679  
Kansas City, MO 64141  

Re: Part 70 Operating Permit Renewal  
Installation ID: 217-0034, Permit Number: OP2019-031  

Dear Mr. Bridson:

Enclosed with this letter is your Part 70 operating permit. Please review this document carefully. Operation of your installation in accordance with the rules and regulations cited in this document is necessary for continued compliance. It is very important that you read and understand the requirements contained in your permit.

This permit may include requirements with which you may not be familiar. If you would like the department to meet with you to discuss how to understand and satisfy the requirements contained in this permit, an appointment referred to as a Compliance Assistance Visit (CAV) can be set up with you. To request a CAV, please contact your local regional office or fill out an online request. The regional office contact information can be found at http://dnr.mo.gov/regions/. The online CAV request can be found at http://dnr.mo.gov/cav/compliance.htm.

You may appeal this permit to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.078.16 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within thirty days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you have any questions or need additional information regarding this permit, please contact the Air Pollution Control Program (APCP) at (573) 751-4817, or you may write to the Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.  
Operating Permit Unit Chief

MJS:jjia

Enclosures

c: PAMS File: 2019-02-045