CLARK COUNTY
DEPARTMENT OF AIR QUALITY
4701 West Russell Road, Suite 200, Las Vegas, Nevada 89118
Part 70 Operating Permit
Source: 423
Issued in accordance with the
Clark County Air Quality Regulations
(AQR Section 12.5)

ISSUED TO: **Nevada Power Company, dba NV Energy**
Sun Peak Generating Station

SOURCE LOCATION:
6360 Vegas Valley Drive
Las Vegas, Nevada 89142
T21S, R62E, Section 10
Hydrographic Basin Number: 212

COMPANY ADDRESS:
P.O. Box 98910, MS #25
Las Vegas, Nevada 89151

NATURE OF BUSINESS:
SIC Code 4911: Electric Services
NAICS: 221112: Fossil Fuel Electric Power Generation

RESPONSIBLE OFFICIAL:
Name: Kevin Geraghty
Title: Vice President, Generation
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Permit Issuance Date: December 31, 2015 **Expiration Date: December 30, 2020**
Revision Date: January 21, 2016

ISSUED BY: CLARK COUNTY DEPARTMENT OF AIR QUALITY

Richard Beckstead
Permitting Manager, Clark County Department of Air Quality

EXECUTIVE SUMMARY

NV Energy's Sun Peak Generating Station (SPGS) is an electrical power generating station located at 6360 Vegas Valley Drive in Las Vegas, Nevada. The legal description of the source location is as follows: portions of Township 21S, Range 62E, Section 10 in Las Vegas Valley, County of Clark, State of Nevada. The source is situated in hydrographic area 212 (Las Vegas Valley). Las Vegas Valley is currently designated attainment for all regulated pollutants.

SPGS is a Title V major source for NO_x and a minor source for PM_{10}, $PM_{2.5,}$ SO_2 CO, VOC, and HAPs pollutants. SPGS is a synthetic minor PSD source of NO_x emissions. The generating station operates three GE Frame PG 7111-EA, 84.5 MW stationary turbines in the simple cycle mode, one 81 hp diesel-powered emergency generator, and one 54,064,081gallon aboveground diesel storage tank. This Part 70 Operating Permit is issued based on the Title V Renewal application submitted on January 28, 2015 and supplemental information received on February 9, 2015. SPGS is also a source of GHG pollutants.

The turbines are subject to the requirements of 40 CFR Part 60, Subparts A and GG and the facility is subject to 40 CFR Part 72, 75 and 40 CFR Part 63, Subpart ZZZZ.

The following table summarizes SPGS's potential-to-emit for each regulated air pollutant for all emission units identified by this Part 70 OP. These emission rates are for reference purposes only and are not intended to be enforced by direct measurement unless otherwise noted in Section III below.

PM_{10}	$PM_{2.5}$	NO_X	CO	SO_2	VOC	HAP	GHG[1]
11.00	**11.00**	**249.42**	**33.17**	**49.39**	**7.26**	**3.71**	**176,237**

[1]Expressed as metric tons of CO_2e

Air Quality will continue to require the sources to estimate their GHG potential to emit in terms of each individual pollutant (CO_2, CH_4, N_2O, CF_6 etc.) and the TSD includes these PTEs for informational purposes.

Pursuant to AQR 12.5.2, all terms and conditions in Sections I through VI and Attachments 1 and 2 are federally enforceable unless explicitly denoted otherwise.

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I. ACRONYMS

Table I-1: List of Acronyms and Abbreviations

Acronym	Term
Air Quality	Clark County Department of Air Quality
AQR	Clark County Air Quality Regulations
AST	Aboveground Storage Tank
ATC	Authority to Construct
CAAA	Clean Air Act, as amended, or Clean Air Act Amendments
CEMS	Continuous Emissions Monitoring System
CFC	Chlorofluorocarbon
CFR	United States Code of Federal Regulations
CO	Carbon Monoxide
dscf	Dry Standard Cubic Feet
DOM	Date of Manufacturer
EPA	United States Environmental Protection Agency
EU	Emission Unit
GHG	Greenhouse Gases
HAP	Hazardous Air Pollutant
HCFC	Hydrochlorofluorocarbon
hp	Horse Power
kW	Kilowatt
LHV	Lower Heating Value
MEQ	Megawatt Equivalent
MMBtu	Millions of British Thermal Units
MW	Megawatt
NAICS	North American Industry Classification System
NESHAP	National Emission Standard for Hazardous Pollutants
NO_X	Nitrogen Oxides
NRS	Nevada Revised Statutes
NSPS	New Source Performance Standards
NSR	New Source Review
O_2	Oxygen
OP	Operating Permit
PM	Particulate Matter
$PM_{2.5}$	Particulate Matter less than 2.5 microns
PM_{10}	Particulate Matter less than 10 microns
ppmvd	Parts per Million, Volumetric Dry
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
QA/QC	Quality Assurance/Quality Control
QAP	Quality Assurance Plan
RATA	Relative Accuracy Test Audit
RMP	Risk Management Plan
scf	Standard Cubic Feet
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_X	Sulfur Oxides
SUP	Supplemental
TSD	Technical Support Document
U.S.C.	United States Code
VOC	Volatile Organic Compound

II. GENERAL CONDITIONS

A. General Requirements

1. The Permittee shall comply with all conditions of the Part 70 OP. Any permit noncompliance may constitute a violation of the Clark County Air Quality Regulations, Nevada law, and the Clean Air Act, and is grounds for any of the following: enforcement action; permit termination; revocation and reissuance; revision; or denial of a permit renewal application. *[AQR 12.5.2.6(g)(1)]*
2. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid. *[AQR 12.5.2.6(f)]*
3. The Permittee shall pay all permit fees pursuant to AQR Section 18. *[AQR 12.5.2.6(h)]*
4. The permit does not convey any property rights of any sort, or any exclusive privilege. *[AQR 12.5.2.6(g)(4)]*
5. The Permittee agrees to allow inspection of the premises, to which this permit relates, by the Control Officer at any time during the Permittee's hours of operation without prior notice. The Permittee shall not obstruct, hamper or interfere with any such inspection. *[AQR 4.3.3; AQR 4.9; AQR 5.1.1,AQR 12.5.2.8(b)]*
6. The Permittee shall allow the Control Officer, upon presentation of credentials to: *[AQR 4.3 and 12.5.2.8(b)]*
    a. Have access to and copy any records that must be kept under the conditions of the permit;
    b. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;
    c. Sample or monitor substances or parameters for the purpose of assuring compliance with the permit or applicable requirements; and
    d. Document alleged violations using devices such as cameras or video equipment.
7. Any Permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a draft permit. A responsible official shall certify the additional information consistent with the requirements of AQR Section 12.5.2.4. *[AQR 12.5.2.2]*
8. The Permittee who has been issued a permit under Section 12.5 shall post such permit in a location which is clearly visible and accessible to the facility's employees and representatives of the department. *[AQR 12.5.2.6(m)]*

B. Modification, Revision, Renewal Requirements

1. No person shall begin actual construction of a New Part 70 source, or modify or reconstruct an existing Part 70 source that falls within the preconstruction review applicability criteria, without first obtaining an Authority to Construct Permit from the Control Officer *[AQR 12.4.1.1(a)]*
2. The permit may be revised, revoked, reopened and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[AQR 12.5.2.6(g)(3)]*
3. A permit, permit revision, or renewal may be approved only if all of the following conditions have been met: *[AQR 12.5.2.10(a)]*
    a. The Permittee has submitted to the Control Officer a complete application for a permit, permit revision, or permit renewal, except that a complete application need not be received before a Part 70 general permit is issued pursuant to Section 12.5.2.20; and
    b. The conditions of the permit provide for compliance with all applicable requirements and the requirements of Section 12.5
4. The Permittee shall not build, erect, install or use any article, machine, equipment or other contrivance, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere reduces or conceals an emission, which would otherwise constitute a violation of an applicable requirement. *[AQR 80.1 and 40 CFR 60.12]*
5. No permit revisions shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in the permit. *[AQR 12.5.2.6(i)]*
6. Permit expiration terminates the Permittee's right to operate unless a timely and complete renewal application has been submitted. *[AQR 12.5.2.11(b)]*
7. For purposes of permit renewal, a timely application is a complete application that is submitted at least six (6) months and not greater than eighteen (18) months prior to the date of permit expiration. If a source submits a timely application under this provision, it may continue operating under its current Part 70 OP until final action is taken on its application for a renewed Part 70 OP. *[AQR 12.5.2.1(a)(2)]*

C. Reporting/Notifications/Providing Information Requirements

1. The Permittee shall submit all compliance certifications to EPA and to the Control Officer. *[AQR 12.5.2.8(e)(4)]*

2. Any application form, report, or compliance certification submitted to the Control Officer pursuant to the permit or AQRs shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under AQR 12.5 shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *[AQR 12.5.2.6(l)]*

3. The Permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by the permit, or, for information claimed to be confidential, the Permittee may furnish such records directly to the Administrator along with a claim of confidentiality. *[AQR 12.5.2.6(g)(5)]*

4. Upon request of the Control Officer, the Permittee shall provide such information or analyses as will disclose the nature, extent, quantity or degree of air contaminants which are or may be discharged by such source, and type or nature of control equipment in use, and the Control Officer may require such disclosures be certified by a professional engineer registered in the state. In addition to such report, the Control Officer may designate an authorized agent to make an independent study and report as to the nature, extent, quantity or degree of any air contaminants which are or may be discharged from the source. An authorized agent so designated is authorized to inspect any article, machine, equipment, or other contrivance necessary to make the inspection and report. *[AQR 4.4]*

5. The Permittee shall submit annual emissions inventory reports based on the following: *[AQR 18.6.1]*

   a. The annual emissions inventory must be submitted to Air Quality by March 31 of each calendar year; and

   b. The report shall include the emission factors and calculations used to determine the emissions from each permitted emission unit, even when an emission unit is not operated.

D. Compliance Requirements

1. The Permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[AQR 12.5.2.6(g)(2)]*

2. Any person who violates any provision of the AQR, including, but not limited to, any application requirement; any permit condition; any fee or filing requirement; any duty to allow or carry out inspection, entry or monitoring activities or any requirements by Air Quality is guilty of a civil offense and shall pay civil penalty levied by the Air Pollution Control Hearing Board and/or the Hearing Officer of not more than $10,000. Each day of violation constitutes a separate offense. *[AQR 9.1; NRS 445B.640]*

3. Any person aggrieved by an order issued pursuant to AQR Section 9.1 is entitled to review as provided in Chapter 233B of NRS. *[AQR 9.12]*

4. The Permittee shall comply with the requirements of 40 CFR Part 61, Subpart M, of the National Emission Standard for Asbestos for all demolition and renovation projects. *[AQR 13.1(b)(8)]*

5. The Permittee shall certify compliance with terms and conditions contained in the Part 70 OP, including emission limitations, standards, work practices, and the means for monitoring such compliance. *[AQR 12.5.2.8(e)]*

6. The Permittee shall submit compliance certifications annually in writing to the Control Officer (4701 W Russell Road, Suite 200, Las Vegas, Nevada 89118) and the Administrator at USEPA Region IX (Director, Air and Toxics Divisions, 75 Hawthorne St., San Francisco, California 94105). A compliance certification for each calendar year will be due on or before January 30th of the following year and shall include the following: *[AQR 12.5.2.8(e)]*

    a. The identification of each term or condition of the permit that is the basis of the certification;

    b. The identification of the methods or other means used by the Permittee for determining the compliance status with each term and condition during the certification period. The methods and means shall include, at a minimum, the monitoring and related recordkeeping and reporting requirements described in 40 CFR Part 70.6(a)(3). If necessary, the Permittee shall also identify any other material information that must be included in the certification to comply with Section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information; and

    c. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the methods or means designated in subsection II.D.6(b). The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify, as possible exceptions to compliance, any periods during which compliance is required and in which an excursion or exceedance, as defined under 40 CFR Part 64, occurred.

7. The Permittee shall report to the Control Officer (4701 West Russell Road, Suite – 200, Las Vegas, Nevada 89118) any startup, shutdown, malfunction, emergency or deviation which cause emissions of regulated air pollutants in excess of any limits set by regulation or by this permit. The report shall be in two parts as specified below: *[AQR 12.5.2.6(d)(4)(B) and AQR 25.6.1]*

    a. within twenty-four (24) hours of the time the Permittee learns of the excess emissions, the report shall be communicated by phone (702) 455-5942, fax (702) 383-9994, or email: airquality@clarkcountynv.gov; and

    b. within seventy-two (72) hours of the notification required by paragraph (a) above, the detailed written report containing the information required by AQR Section 25.6.3 shall be submitted.

8. The Permittee shall report to the Control Officer with the semiannual monitoring report all deviations from permit conditions that do not result in excess emissions, including those attributable to malfunction, startup, or shutdown. Reports shall identify the probable cause of each deviation and any corrective actions or preventative measures taken. *[AQR 12.5.2.6(d)(4)(B)]*

9. The owner or operator of any source required to obtain a permit under Section 12 shall report to the Control Officer emissions that are in excess of an applicable requirement or emission limit that pose a potential imminent and substantial danger to public health, safety or the environment as soon as possible, but in no case later than twelve (12) hours after the deviation is discovered, with a written report submitted within two (2) days of the occurrence. *[AQR 25.6.2]*

E. Performance Testing Requirements

1. Upon request of the Control Officer, the Permittee shall test or have tests performed to determine the emissions of air contaminants from any source whenever the Control Officer has reason to believe that an emission in excess of that allowed by the Air Quality regulations is occurring. The Control Officer may specify testing methods to be used in accordance with good professional practice. The Control Officer may observe the testing. All tests shall be conducted by reputable, qualified personnel. *[AQR 4.5]*

2. Upon request of the Control Officer, the Permittee shall provide necessary holes in stacks or ducts and such 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. *[AQR 4.6]*

3. The Permittee shall submit for approval a performance testing protocol which contains testing, reporting, and notification schedules, test protocols, and anticipated test dates to the Control Officer (4701 West Russell Road, Suite 200, Las Vegas, Nevada 89118) not less than 45, nor more than 90, days prior to the anticipated date of the performance test, unless otherwise specified in Section III.D. *[AQR 12.5.2.8]*

4. The Permittee shall submit to EPA for approval any alternative test methods that are not already approved by EPA, to demonstrate compliance with a requirement under 40 CFR Part 60. *[40 CFR Part 60.8(b)]*

5. The Permittee shall submit a report describing the results of each performance test to the Control Officer within 60 days from the end of the performance test. *[12.5.2.8]*

III. EMISSION UNITS AND APPLICABLE REQUIREMENTS

A. Emission Units

The stationary source covered by this Part 70 OP is defined to consist of the emission units and associated appurtenances summarized in Table III-A-1. *[AQR 12.5.2.3]*

Table III-A-1: List of Emission Units

EU	Description	Rating	Make	Model #
A01	Gas-Fired Turbine (#3); Simple Cycle; natural gas fired; MEQ = 11.20	84.5 MW	General Electric	PG7111-EA
	Gas-Fired Turbine (#3); Simple Cycle; #2 diesel oil fired; MEQ = 7.05			
A02	Gas-Fired Turbine (#4); Simple Cycle; natural gas fired; MEQ = 11.20	84.5 MW	General Electric	PG7111-EA
	Gas-Fired Turbine (#4); Simple Cycle; #2 diesel oil fired; MEQ = 7.05			
A03	Gas-Fired Turbine (#5); Simple Cycle; natural gas fired; MEQ = 11.20	84.5 MW	General Electric	PG7111-EA
	Gas-Fired Turbine (#5); Simple Cycle; #2 diesel oil fired; MEQ = 7.05			
B01	Emergency Genset	50 kW	Taylor Power	P60DS S/N: 10039
	Diesel Engine; DOM: 1991	81 hp	Perkins	T4.236 S/N: U414484U
T01	Diesel Tank, AST	5,064,081 gallons	Chicago Bridge and Iron Co.	

The units in Table III-A-2 are present at this source, but are insignificant activities pursuant to AQR Section 12.5. The emissions from these units or activities, when added to the PTE of the source, will not make the source major for any additional pollutant.

TABLE III-A-2: Summary of Insignificant Activities

Description
Genset Diesel Tank, AST, 55 gallons
Maintenance Shop Activities (parts washers, sand blasters, etc.)
Steam Cleaning Operations
Three (3) Lube Oil Vents and Sumps

B. Emission Limitations and Standards

1. Emission Limits

Turbines

a. The Permittee shall not allow the actual emissions from the combined PTE for EUs A01, A02, and A03, to exceed the limits listed in Table III-B-1 and III-B-2 during any consecutive 12-months. *[AQR 12.5.2.6(b)]*

b. The Permittee shall include startup and shutdown emissions in the actual emissions from the combined emissions for EUs A01, A02, and A03, and shall not exceed the limits listed in Table III-B-1 and III-B-2. *[AQR 12.5.2.6(b)]*

Table III-B-1: Emission Unit PTE, Including Startup and Shutdowns for Natural Gas Combustion (tons per year)

EU	$PM_{10}/PM_{2.5}$	NO_x	CO	SO_2	VOC
A01	8.71[1]	249.11[1]	33.10[1]	0.89[1]	3.14[1]
A02					
A03					

[1]Emission limits are based on 3,484 hours per any consecutive 12-month period for all three turbine units combined.

Table III-B-2: Emission Unit PTE, Including Startup and Shutdowns for #2 Diesel Oil Combustion (tons per year)

EU	$PM_{10}/PM_{2.5}$	NO_x	CO	SO_2	VOC
A01	10.98[1]	249.02[1]	20.85[1]	49.37[1]	4.94[1]
A02					
A03					

[1]Emission limits are based on 2,194 hours per any consecutive 12-month period for all three turbine units combined.

c. The Permittee shall not allow the actual emissions from each emission unit to exceed the PTE listed in Table III-B-3. Pound-per-hour limits are normal operation (excludes startup and shutdown) limits only. Neither NO_X nor CO emissions for the stationary gas turbine units shall exceed any three-hour rolling average period as determined by the CEMS. *[NSR ATC Modification 1, Revision 2 (04/29/10)]*

Table III-B-3: Emission Unit PTE, Excluding Startup and Shutdowns (pounds per hour)[1]

EU	Fuel	PM_{10}	NO_x	CO	SO_2	VOC
A01	Natural Gas	5.00	143.00	19.00	0.51	1.80
	#2 Diesel Oil	10.00	227.00	19.00	45.00	4.50
A02	Natural Gas	5.00	143.00	19.00	0.51	1.80
	#2 Diesel Oil	10.00	227.00	19.00	45.00	4.50
A03	Natural Gas	5.00	143.00	19.00	0.51	1.80
	#2 Diesel Oil	10.00	227.00	19.00	45.00	4.50

[1]The exclusions for startups and shutdowns apply only to CO. No other exclusions apply to this table.

d. The Permittee shall not allow actual emissions from each emission unit to exceed the emission concentrations listed in Table III-B-4. The emission limits are normal operation (excludes startup and shutdown) limits only. *[NSR ATC Modification 1, Revision 2 (04/29/10)]*

Table III-B-4: Enforceable Emission Limitations, Excluding Startup and Shutdown[1]

EU	O_2 Standard	NO_x (ppmvd)		CO (ppmvd)	
		Natural Gas	#2 Diesel Oil	Natural Gas	#2 Diesel Oil
A01	15%	42	65	10	10
A02	15%	42	65	10	10
A03	15%	42	65	10	10

[1] On a three-hour average basis.

e. The Permittee shall comply with the emissions limits in Table III-B-5 during periods of startups and shutdowns as determined by CEMS.

Table III-B-5: Startup and Shutdown Mass Emissions Limitations per Stationary Gas Turbine for Natural Gas Combustion

EU	Description	Units	CO
A01, A02, A03	Startup	pounds/hr	350.00
	Shutdown	pounds/hr	350.00

Other

f. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes. *[AQR 26.1.1]*

2. Operational Limits

Turbines

a. The Permittee shall limit the heat input for each stationary gas turbine, based on the LHV of the fuel, to 846 MMBtu per hour for natural gas and 833 MMBtu per hour for #2 diesel oil (EUs: A01, A02, and A03). *[NSR ATC Modification 1, Revision 2, Condition IV-A-3(a) (04/29/2010)]*

b. The Permittee shall limit operation of each stationary gas turbine (EUs: A01, A02, and A03) to 12 hours per day. *[NSR ATC Modification 1, Revision 2, Condition IV-A-3(b) (04/29/2010)]*

c. The Permittee shall limit operation of the three stationary gas turbines combined (EUs: A01, A02, and A03) to 3,484 hours in any consecutive 12-month period when operating on natural gas. *[AQR 12.5.2.6]*

d. The Permittee shall limit operation of the three stationary gas turbines combined (EUs: A01, A02, and A03) to 2,194 hours per any consecutive 12-month period when operating on #2 diesel oil. *[AQR 12.5.2.6]*

e. The Permittee shall combust only natural gas or #2 diesel oil in each of the stationary gas turbine units (EUs: A01, A02, and A03). *[NSR ATC Modification 1, Revision 2, Condition IV-B-3 (04/29/2010)]*

f. If both fuels (natural gas and #2 diesel oil) are used during the year, the Permittee shall limit the total hours firing on natural gas plus 1.59 times the hours firing on #2 diesel oil to 3,484 hours per any consecutive 12-month period (EUs: A01, A02, and A03). *[AQR 12.5.2.6]*

g. The Permittee shall limit each startup period, beginning when combustion begins and ending when the stationary gas turbine has reached a continuous and stable operating level, to 30 minutes. *[NSR ATC Modification 1, Revision 2, Condition IV-A-3(g) (04/29/2010)]*

h. The Permittee shall limit each shutdown period, beginning when a stop command is issued to the turbine and ending when combustion has ceased, to one hour. *[NSR ATC Modification 1, Revision 2, Condition IV-A-3(f) (04/29/2010)]*

Emergency Generators

i. The Permittee shall limit the operation of the emergency generator (EU: B01) to 250 hours per year for testing, maintenance and emergency use. *[AQR 12.5.2.6]*

j. The Permittee shall limit the operation of the emergency generator (EU: B01) for testing and maintenance purposes to 100 hours per year. The Permittee may operate the emergency generator up to 50 hours per year for nonemergency situations, but those hours count towards the 100 hours provided for testing and maintenance. The 50 hours per year for nonemergency situations cannot be used for peak shavings or demand response, except as provided in 40 CFR Part 63.6640(f)(4). *[40 CFR Part 63.6640]*

Diesel Storage Tank

k. The Permittee shall limit the diesel throughput through the diesel storage tank (EU: T01) to 50,400,000 gallons per year. *[AQR 12.5.2.6]*

3. Emission Controls

Turbines

a. The Permittee shall operate a water injection system to control NO_X on each of the stationary gas turbine units when firing either natural gas or #2 diesel oil (EUs: A01, A02, and A03). *[NSR ATC Modification 1, Revision 2, Condition IV-B-1 (04/29/2010)]*

b. The Permittee shall operate each water injection system on each of the stationary gas turbine units (EUs: A01, A02, and A03) in accordance with manufacturer's specifications and good operating practices. Actual injection of the water will begin when the fuel flow to NOx production ratio demands it during the startup process. *[NSR ATC Modification 1, Revision 2, Condition IV-B-2 (04/29/2010)]*

c. The Permittee shall use natural gas fuel with sulfur content not exceeding a 12-month consecutive period average of 0.5 grains/100 dscf. *[NSR ATC Modification 1, Revision 2, Condition IV-B-4 (04/29/2010)]*

d. At all times, including periods of startup, shutdown, and malfunction, the Permittee shall, to the extent practicable, maintain and operate any affected source including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. *[40 CFR Part 60.11(d)]*

e. The Permittee shall comply with the control requirements contained in this section. If there is inconsistency between standards or requirements, the most stringent standard or requirement shall apply. *[NSR ATC Modification 1, Revision 2, Condition IV-B-6 (04/29/2010)]*

Diesel Engines

f. The diesel emergency generator (EU: B01) is subject to the provisions of 40 CFR Part 63, Subpart ZZZZ and shall comply with the following requirements:

   i. Change the oil and filter every 500 hours of operation or annually whichever comes first;
   ii. Inspect air cleaner every 1,000 hours of operation or annually whichever comes first; and
   iii. Inspect all hoses and belts every 500 hours of operation or annually whichever comes first and replace if needed.

g. The Permittee shall operate and maintain each of the diesel emergency generator (EU: B01) in accordance with the manufacturer's specifications. *[AQR 12.5.2.6(a)*

C. Monitoring

1. To demonstrate continuous direct compliance with all emission limitations for NO_x and CO specified in this permit, the Permittee shall install, calibrate, maintain, operate, and certify CEMS for NO_x, CO, and O_2 on each stationary gas turbine unit in accordance with both 40 CFR Part 60 and 40 CFR Part 75. Each CEMS shall include an automated data acquisition and handling system. Each system shall monitor and record at least the following data: *[AQR 12.5.2.6(d)]*

   a. exhaust gas concentrations of NO_x, CO, and diluent O_2 for all turbine units (EUs: A01, A02, and A03);
   b. exhaust gas flow rate (by direct or indirect methods);
   c. fuel flow rate and type;
   d. hours of operation;
   e. 3-hour rolling averages for each NO_x and CO concentration;
   f. Hourly mass emissions of NO_x and CO; and
   g. hours of downtime of the CEMS.

2. The Permittee shall maintain and adhere to the latest QAP for all CEMS, submitted to and approved by Air Quality that includes auditing and reporting schedules, reporting schedules, design specifications, and other quality assurance requirements for each CEMS. *[40 CFR Part 75]*
3. The Permitee shall conduct periodic audit procedures and QA/QC procedures for CEMS conforming to the provisions of 40 CFR Part 60: Appendix F or 40 CFR Part 75: Appendix B, as applicable. *[AQR 12.5.2.6(d)]*
4. The Permittee shall conduct RATA of the CO, NO_x, and diluent O_2 or CO_2 CEMS at least annually. *[AQR 12.5.2.6(d)]*
5. The Permittee shall perform at least one visual emissions observation on a plant-wide level each quarter. Quarterly visual observations shall include the stationary gas turbines (EUs: A01, A02, and A03) while burning diesel fuel to demonstrate compliance with the opacity limit. If any of the stationary gas turbines (EUs: A01, A02, and A03) do not operate diesel fuel during the calendar quarter, then no observation of that unit shall be required. If visible emissions that appear to exceed the opacity limit(s) are observed, then corrective actions shall be taken to minimize the emissions and, if practicable, the opacity of emissions shall be visually determined in accordance with 40 CFR Part 60 Appendix A: Reference Method 9. *[AQR 12.5.2.6(d)]*
6. The Permittee shall verify compliance with the SO_2 emission limitations specified in permit upon each delivery of diesel oil. Samples of the fuel received shall be taken from either the supplier's diesel oil storage or shipment containers, or the Permittee's diesel oil storage tank. Oil sampling may be performed either by the Permittee or fuel supplier according to either the single tank composite sampling procedure or the all-levels sampling procedure in Standard Practice for Manual Sampling of Petroleum and Petroleum Products (see ASTM D4057). *[40 CFR Part 60.334(h)(4)(i)(1)]*
7. The Permittee shall verify compliance with the SO_2 emission limitations specified in permit, when operating natural gas, by utilizing fuel which meets the definition of natural gas per 40 CFR Part 60.331(u) and that the maximum total sulfur content of the fuel is 0.5 grains/100 scf or less in accordance through 40 CFR Part 60.334(h). *[AQR 12.5.2.6(a)]*
8. For turbine (EUs: A01, A02, and A03), all emissions recorded by CEMS shall be reported in clock-hour increments. Any clock hour that contains any part of a startup event shall be subject to the startup hourly CO limit. Any clock hour that contains any part of a shutdown event shall be subject to the shutdown hourly CO limit.

<u>Diesel Engines</u>

9. The Permittee shall operate each emergency engine (EU: B01) with a nonresettable hour meter and monitor the duration of operation for testing, maintenance, and nonemergency operation, and separately for emergencies.

Other

10. The Permittee shall perform at least one visual emissions observation on a plant-wide level each calendar quarter. Quarterly visual observations shall include the diesel-fired emergency generator (EU: B01) while operating to demonstrate compliance with the opacity limit. If any of the diesel-fired emergency generator does not operate during the calendar quarter, then no observation of that unit shall be required. If visible emissions are observed, then corrective actions shall be taken to minimize the emissions and, if practicable, the opacity of emissions shall be visually determined in accordance with 40 CFR Part 60 Appendix A: Reference Method 9. *[AQR 12.5.2.6 and 40 CFR Part 70.6]*

D. Testing

1. The following EPA Methods should be used for performance testing for when burning fuel oil. [AQR 12.5.2.6(d):

Table III-D-1: Performance Testing Requirements for Stationary Gas Turbines

Test Point	Pollutant	Method (40 CFR 60, Appendix A)
Exhaust Outlet Stack	PM_{10}	Method 5
Exhaust Outlet Stack	VOC	Method 25A
Exhaust Outlet Stack	Opacity	EPA Method 9
Stack Gas Parameters	---	EPA Methods 1, 2, 3, 4

2. The Permittee, when firing #2 diesel oil shall conduct Method 9 visible emissions testing on each stationary gas turbine after 500 aggregate hours of operation from all three stationary gas turbines combined and shall conduct subsequent performance tests after each aggregation of 500 hours of operation thereafter. Initial and subsequent performance tests shall be conducted within 60 days of reaching 500 aggregate hours of operation. *[NSR ATC Modification 1, Revision 2, Condition IV-D-5 (04/29/2010)]*

3. The Permittee, when firing #2 diesel oil shall conduct initial source testing for the PM_{10} and VOC emission limits for each stationary gas turbine using Methods 5 and 25A, respectively after an aggregate of 750 hours of #2 diesel oil combustion in each emission unit. Thereafter, testing shall be repeated after every 750 hours of #2 diesel oil firing in each stationary gas turbine. Initial and subsequent performance testing shall be conducted within 60 days of reaching 750 aggregate hours of operation. *[NSR ATC Modification 1, Revision 2, Condition IV-D-6 (04/29/2010)]*

E. Recordkeeping

1. The Permittee shall maintain records on-site that require semiannual reporting and include, at a minimum: *[AQR 12.5.2.6]*

   a. the magnitude and duration of excess emissions, notifications, monitoring system performance, malfunctions and corrective actions, taken as required by 40 Part CFR 60.7;

   b. CEMS audit results or accuracy checks, and corrective actions, as required by 40 CFR Part 60, 40 CFR Part 75 and the CEMS QAP;

c. monthly CEMS NO_X and CO mass emission and each consecutive 12-month total of NO_X and CO emissions including startup, shutdown and normal operations in tons;

d. monthly and each consecutive 12-month total hours of operation for the turbines (EUs: A01 through A03);

e. annual hours of operation of the emergency generator for testing, maintenance, and nonemergency use (EU: B01);

f. date and duration of operation of the emergency generator for emergency use, including documentation justifying use during the emergency (EU: B01);

g. monthly and each consecutive 12-month total quantity of natural gas consumed in each gas turbine;

h. monthly and each consecutive 12-month total quantity of #2 diesel oil consumed in each gas turbine; and

i. monthly and each consecutive 12-month total quantity of gallons diesel fuel processed (EU: T01).

2. The Permittee shall maintain records on-site that include, at a minimum: *[AQR 12.5.2.6]*

   a. sulfur content of natural gas;

   b. log of visible emission checks;

   c. summary of items required by Condition III-C-1;

   d. dates, times, and duration of each turbine startup and shutdown event;

   e. all CEMS information required by 40 CFR Part 75, including a CEMS monitoring plan, as well as time, duration, nature and probable cause of any CEMS downtime and corrective actions taken;

   f. annual copies of all reports, compliance certifications, other submissions and all records made or required under the Acid Rain Program;

   g. copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program to demonstrate compliance with the requirements of the Acid Rain Program; and

   h. results of performance testing.

3. For all inspections, visible emission checks, and testing required under monitoring, logs, reports, and records shall include at least the date and time, the name of the person performing the action, the results or findings, and the type of corrective action taken (if required). *[AQR 12.5.2.6]*

4. Records and data required by this operating permit to be maintained by Permittee may, at the Permittee's expense, be audited at any time by a third party selected by the Control Officer. *[AQR 4.4 and AQR 12.5.2.8(b)]*

5. All records and logs, or a copy thereof, shall be kept on-site for a minimum of five (5) years from the date the measurement was taken or data was entered and shall be made available to Air Quality upon request. *[AQR 12.5.2.6]*

6. The Control Officer reserves the right to require additional requirements concerning records and record keeping for this source. *[AQR 12.5.2.6]*

F. Reporting

1. All report submissions shall be addressed to the attention of the Control Officer. *[AQR 12.5.2.6(d), AQR 14.3, AQR 21.4, and AQR 22.4]*
2. All reports shall contain a certification of truth, accuracy, and completeness by the responsible official. *[AQR 12.5.2.6(d) and AQR 12.5.2.6(l)]*
3. The Permittee shall submit semiannual reports to the Control Officer. *[AQR 12.5.2.6(d)]*
4. The following requirements apply to semiannual reports: *[AQR 12.5.2.6(d)]*
   a. The report shall include a summary of each item listed in Section III-E-1.
   b. The report shall include summaries of any permit deviations, their probable cause, and corrective or preventative actions taken.
   c. The report shall be submitted to Air Quality within 30 calendar days after the end of the reporting period.
5. Regardless of the date of issuance of this permit, the schedule for the submittal of reports to the Control Officer shall be as outlined in Table III-F-1: *[AQR 12.5.2.6(d)]*

Table III-F-1: Reporting Schedule

Required Report	Applicable Period	Due Date[1]
Semiannual Report for 1st half of year	January, February, March, April, May, June	July 30th each year
Semiannual Report for the 2nd half of the year (Any additional annual records required)	July, August, September, October, November, December	January 30th each year
Annual Compliance Certification	Calendar Year	January 30th each year
Annual Emission Inventory Report	Calendar Year	March 31st each year
Excess Emission Notification	As Required	Within 24 hours of the time the Permittee first learns of the excess emissions
Excess Emission Report	As Required	Within 72 hours of the notification
Deviation Report	As Required	Along with semiannual reports
Performance Testing	As Required	Within 60 days from the end of the test
RATA Testing	As Required	Within 45 days from the end of the test

[1]If the due date falls on a Saturday, Sunday or a Federal or Nevada holiday, then the submittals are due on the next regularly scheduled business day.

6. The Control Officer reserves the right to require additional reports and reporting to verify compliance with permit conditions, permit requirements, and requirements of applicable federal regulations. *[AQR 4.4 and AQR 12.5.2.6(d)]*

7. The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR Part 72 and 40 CFR Part 75. *[40 CFR Part 72.9(f)]*

G. Mitigation

1. The source has no federal offset requirements. *[AQR 59.1.1]*

IV. ACID RAIN REQUIREMENTS

1. In accordance with the provisions of Title IV of the Clean Air Act and 40 CFR Parts 72 through 77, an Acid Rain Permit will be issued to Nevada Power Company dba NV Energy Sun Peak Generation Station, Las Vegas, Nevada. As of December 20, 2014, this facility became an affected source for Acid Rain. NV Energy must demonstrate compliance with the Acid Rain Provisions by until June 18, 2015. After NV Energy has demonstrated compliance to EPA, Air Quality will consider this Acid Rain permit issued. NV Energy will be required to comply with the remainder of this section accordingly.
2. All terms and conditions of the permit are enforceable by Air Quality and EPA under the Clean Air Act. *[40 CFR Part 72]*
3. The Permittee shall comply with all the applicable requirements of the Acid Rain Permit Application located in Attachment 2. *[40 CFR Part 72.30]*
4. This Acid Rain permit incorporates the definitions of terms in 40 CFR Part 72.2.
5. This permit is valid for a term of five (5) years from the date of issuance unless a timely and complete renewal application is submitted to Air Quality. *[40 CFR Part 72.69]*
6. A timely renewal application is an application that is received at least six months prior to the permit expiration date. *[40 CFR Part 72.30]*
7. Emissions from this source shall not exceed any allowances that the source lawfully holds under Title IV of the Act or its regulations. *[AQR 12.5.2.6 and 40 CFR Part 70.6(a)(4)]*

V. OTHER REQUIREMENTS

1. The Permittee shall not use, sell, or offer for sale any fluid as a substitute material for any motor vehicle, residential, commercial, or industrial air conditioning system, refrigerator freezer unit, or other cooling or heating device designated to use a CFC or HCFC compound as a working fluid, unless such fluid has been approved for sale in such use by the Administrator. The Permittee shall keep record of all paperwork relevant to the applicable requirements of 40 CFR Part 82 on site. *[40 CFR Part 82]*

VI. PERMIT SHIELD

Compliance with the terms contained in this permit shall be deemed compliance with the following applicable requirements in effect on the date of permit issuance: *[AQR 12.5.2.9]*

Table VI-1: Applicable Requirements Related to Permit Shield

Citation	Title
AQR Section 14.1.56 Subpart GG	NSPS – Stationary Gas Turbines

Table V-2: Streamlined requirements Related to Permit Shield

Regulation (40 CFR)	Pollutant	Regulatory Standard	Permit Limit	Value Comparison			Averaging Comparison			Shield Statement
				Standard Value, in Units of the Permit Limit[1]	Permit Limit Value	Is the Permit Limit Equal or More Stringent	Standard Averaging Period	Permit Limit Averaging Period	Is the Permit Limit Equal or More Stringent	
Turbine Units (Natural Gas)										
60.332 (GG)	NOx	75[1] ppmvd @ 15% O_2	42 ppmvd @ 15% O_2	75[1]	42.0	Yes	4 hour	3 hour	Yes	The permit limit is more stringent than the standard, based on both concentration and averaging time, therefore the facility should be shielded from the standard.
60.333 (GG)	SO_2	0.015% by volume @15% O_2	0.51 lbs/hr	650[2]	0.51	Yes	4 hour	1 hour	Yes	The permit limit is more stringent than the standard, based on both concentration and averaging time, therefore the facility should be shielded from the standard.

[1]The 60.332 NOx standard is a formula; the value used here (75 ppmvd) is the minimum possible value of the standard for any emission unit.
[2]Heat input used to calculate SO_2 standard value (in units of the permit limit) is the maximum capacity of 846 MMBtu/hr.

Table V-3: Streamlined requirements Related to Permit Shield

Regulation (40 CFR)	Pollutant	Regulatory Standard	Permit Limit	Value Comparison			Averaging Comparison			Shield Statement
				Standard Value, in Units of the Permit Limit[1]	Permit Limit Value	Is the Permit Limit Equal or More Stringent	Standard Averaging Period	Permit Limit Averaging Period	Is the Permit Limit Equal or More Stringent	
Turbines (#2 Diesel Oil)										
60.332 (GG)	NOx	75[1] ppmvd @ 15% O_2	65 ppmvd @ 15% O_2	75[1]	65.0	Yes	4 hour	3 hour	Yes	The permit limit is more stringent than the standard, based on both concentration and averaging time, therefore the facility should be shielded from the standard.
60.333 (GG)	SO_2	0.015% by volume @15% O_2	45.0 lbs/hr	650[2]	45.0	Yes	4 hour	1 hour	Yes	The permit limit is more stringent than the standard, based on both concentration and averaging time, therefore the facility should be shielded from the standard.

Regulation (40 CFR)	Pollutant	Regulatory Standard	Permit Limit	Value Comparison			Averaging Comparison			Shield Statement
				Standard Value, in Units of the Permit Limit[1]	Permit Limit Value	Is the Permit Limit Equal or More Stringent	Standard Averaging Period	Permit Limit Averaging Period	Is the Permit Limit Equal or More Stringent	
AQR	PM	.216 lb/MMBtu	10.0 lbs/hr	179.71	10.0	Yes	1 hour	1 hour	Yes	The permit limit is more stringent than the standard, based on both concentration and averaging time, therefore the facility should be shielded from the standard.

[1]The 60.332 NOx standard is a formula; the value used here (75 ppmvd) is the minimum possible value of the standard for any emission unit.
[2]Heat input used to calculate SO_2 standard value (in units of the permit limit) is the maximum capacity of 833 MMBtu/hr.

ATTACHMENT 1 – APPLICABLE REGULATIONS

REQUIREMENTS SPECIFICALLY IDENTIFIED AS APPLICABLE:

1. NRS, Chapter 445B.
2. Applicable AQR Sections:

Citation	Title
AQR Section 00	Definitions
AQR Section 4	Control Officer
AQR Section 5	Interference with Control Officer
AQR Section 8	Persons Liable for Penalties – Punishment: Defense
AQR Section 9	Civil Penalties
AQR Section 10	Compliance Schedule
AQR Section 12.4	ATC Application and Permit Requirements for Part 70 Sources
AQR Section 12.5	Part 70 OP Requirements
AQR Section 13.2(b)(82)	NESHAP – Stationary Reciprocating Internal Combustion Engines
AQR Section 14.1(b)(40)	NSPS – Standards of Performance for Gas Turbines
AQR Section 18	Permit and Technical Service Fees
AQR Section 21	Acid Rain Continuous Emissions Monitoring
AQR Section 22	Acid Rain Permits
AQR Section 25	Upset/Breakdown, Malfunctions
AQR Section 26	Emissions of Visible Air Contaminants
AQR Section 28	Fuel Burning Equipment
AQR Section 40	Prohibition of Nuisance Conditions
AQR Section 41	Fugitive Dust
AQR Section 42	Open Burning
AQR Section 43	Odors in the Ambient Air
AQR Section 70	Emergency Procedures
AQR Section 80	Circumvention

3. CAAA, Authority: 42 U.S.C. § 7401, et seq.

4. Applicable 40 CFR Subsections:

Citation	Title
40 CFR Part 52.21	PSD
40 CFR Part 52.1470	SIP Rules
40 CFR Part 60, Subpart A	NSPS – General Provisions
40 CFR Part 60, Subpart GG	NSPS – Stationary Gas Turbines
40 CFR Part 60	Appendix A, Method 9 or equivalent, (Opacity)
40 CFR Part 63, Subpart ZZZZ	National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
40 CFR Part 70	Federally Mandated Operating Permits
40 CFR Part 72	Acid Rain Permits Regulation
40 CFR Part 73	Acid Rain Sulfur Dioxide Allowance System
40 CFR Part 75	Acid Rain Continuous Emission Monitoring
40 CFR Part 82	Protection of Stratospheric Ozone

ATTACHMENT 2 – ACID RAIN PERMIT APPLICATION

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0258
Approval expires 11/30/2012

Acid Rain Permit Application

For more information, see instructions and 40 CFR 72.30 and 72.31.

This submission is: ☒ New ☐ Revised ☐ for ARP permit renewal

STEP 1

Identify the facility name, State, and plant (ORIS) code.

Facility (Source) Name: Sun Peak Generating Station	State: Nevada	Plant Code: 54854

STEP 2

Enter the unit ID# for every affected unit at the affected source in column "a."

a	b
Unit ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)
295657	Yes
295658	Yes
295659	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes

EPA Form 7610-16 (Revised 7-2014)

Sun Peak Generating Station
Facility (Source) Name (from STEP 1)

Permit Requirements

STEP 3

Read the standard requirements.

(1) The designated representative of each affected source and each affected unit at the source shall:

(i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and

(ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;

(2) The owners and operators of each affected source and each affected unit at the source shall:

(i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and

(ii) Have an Acid Rain Permit.

Monitoring Requirements

(1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.

(2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the source or unit, as appropriate, with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.

(3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements

(1) The owners and operators of each source and each affected unit at the source shall:

(i) Hold allowances, as of the allowance transfer deadline, in the source's compliance account (after deductions under 40 CFR 73.34(c)), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the affected units at the source; and

(ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.

(2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.

(3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:

(i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or

(ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).

Sun Peak Generating Station
Facility (Source) Name (from STEP 1)

Sulfur Dioxide Requirements, Cont'd.

STEP 3, Cont'd.

(4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
(6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements

(1) The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
(2) The owners and operators of an affected source that has excess emissions in any calendar year shall:
(i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
(ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements

(1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
(i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the

submission of a new certificate of representation changing the designated representative;

STEP 3, Cont'd. **Recordkeeping and Reporting Requirements, Cont'd.**

(ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
(iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
(5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
(6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.
(7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:

Sun Peak Generating Station
Facility (Source) Name (from STEP 1)

STEP 3, Cont'd.

(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating

Effect on Other Authorities, Cont'd.

to applicable National Ambient Air Quality Standards or State Implementation Plans;
(2) Limiting the number of allowances a source can hold; *provided,* that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Act;
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements
under such State law;
(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

STEP 4
Read the certification statement, sign, and date.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Kevin C. Geraghty	
Signature	Date 1/6/2015

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