



DEPARTMENT OF AIR QUALITY & ENVIRONMENTAL MANAGEMENT

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Lewis Wallenmeyer Director · Alan Pinkerton Assistant Director · Tina Gingras Assistant Director

FINAL ACTION REPORT PART 70 OPERATING PERMIT RENEWAL

NEVADA SUN-PEAK, LP Source: 423

Public Notice: Review-Journal July 18, 2010
Public Comment: July 19, 2010 to August 17, 2010

Comments Received:
Nevada Sun-Peak, LP

Public Hearing: Not held

Issuance date: October 6, 2010
Expiration date: October 5, 2015

Copies of comments received and responses to all comments are part of this final action report. All responders shall receive an electronic copy of this report, the final Part 70 Operating Permit, and the final Technical Support Document.

COMMENTS RECEIVED FROM NEVADA SUN-PEAK, LP AND DAQEM RESPONSE

DAQEM received comments from the source on August 11, 2010:

Nevada Sun-Peak Comment #1:

- **OP Executive Summary plus the TSD and recent ATC, list the facility as a minor source for TCS. This may be true for some power plants, but Nevada Sun-Peak LP does not have any significant quantities of toxic chemical substances which would result in minor source classification.**

DAQEM Response:

DAQEM agreed with Nevada Sun-Peak's observation and modified the language accordingly.

Nevada Sun-Peak Comment #2:

- Many parts of the OP and TSD reference AQR Section 19. However, AQR Section 19 was repealed on 7/1/2010. All Section 19 references should be replaced with the current regulations.

DAQEM Response:

AQR Section 19 has been repealed, however it is still federally enforceable. AQR Section 12.5 is locally enforceable. Both citations will be included in the permit.

Nevada Sun-Peak Comment #3:

- OP II.D.6.a. Annual Compliance Certification due 30 days after issuance anniversary date. We would like to confirm this is correct as previously the Annual Compliance Certification was due by calendar year on January 30th, similar to Nevada State regulations.

DAQEM Response:

This is correct. Annual compliance certification is due 30 days after the issuance anniversary date.

Nevada Sun-Peak Comment #4:

- OP III.C.4. could be interpreted to require Method 9 for weekly visible emissions observations. which would be excessive and unreasonable for a facility that typically operates on natural gas. III.C.4 is also not consistent with the TSD page 28 Table VI-D-1 which states good combustion practices when using natural gas, EPA Method 9 upon the request of the Control Officer, and performance testing when firing #2 diesel as outlined under OP III.D.3. It is our standard operating practice to shut down the turbines if there are any visible emissions, as that would indicate a malfunction of the equipment. We request replacing the wording of the last sentence "if practicable" with "upon the request of the Control Officer". The sentence would read as follows: "...If visible emissions are observed, then corrective actions shall be taken to minimize the emissions. Upon the request of the Control Officer conduct an EPA Method 9 test for opacity of emissions."

DAQEM Response:

DAQEM requires that records show an ongoing compliance demonstration for all limitations. There is an opacity limitation for the stationary gas turbines when firing both natural gas and #2 diesel fuel. Using "upon request from the control officer" would not fulfill an ongoing compliance demonstration as required. The language has been slightly updated to reflect that Method 9 observations would

be required in the event the source observes what appears to be an opacity limitation exceedance. Also, the TSD has been updated accordingly.

Nevada Sun-Peak Comment #5:

- TSD VI.B. AQR Section 26, similar to OP III.C.4, could be interpreted to require weekly Method 9 observations. We request under Applicable Test Method the wording be revised to read as follows: "Compliance determined by good combustion practices as well as EPA Method 9 performance testing upon the request of the Control Officer. When firing #2 diesel oil conduct EPA Method 9 performance testing as outlined in Part 70 OP III.D.4."

DAQEM Response:

The TSD has been updated in accordance with the requirement.

Attachments:

1. Comments from Nevada Sun-Peak, LP

Attachment 1

Nevada Sun-Peak Limited Partnership

9590 Prototype Court, Suite 200
Reno, Nevada 89521-5916
(775) 851-1125 • Fax: (775) 851-8240

August 11, 2010

Clark County
Dept. Air Quality & Environmental Management
500 S. Grand Central Parkway
Las Vegas, NV 89106

Attn: Ted Lendis, Supervisor Title V Program

Re: Draft Operating Permit #423 and TSD

Thank you for allow us the opportunity to comment on the draft Operating Permit #423, which is currently in the public comment period. The draft permit contains several items which were not in the old permit, are not appropriate for the facility, and which in some cases are not consistent with the draft Technical Support Document. We propose the following changes to the Operating Permit, Technical Support Document and the recently revised Authority to Construct:

- OP Executive Summary plus the TSD and recent ATC, list the facility as a minor source for TCS. This may be true for some power plants, but Nevada Sun-Peak LP does not have any significant quantities of toxic chemical substances which would result in minor source classification.
- Many parts of the OP and TSD reference AQR Section 19. However, AQR Section 19 was repealed on 7/1/2010. All Section 19 references should be replaced with the current regulations.
- OP II.D.6.a. Annual Compliance Certification due 30 days after issuance anniversary date. We would like to confirm this is correct as previously the Annual Compliance Certification was due by calendar year on January 30th, similar to Nevada State regulations.
- OP III.C.4. could be interpreted to require Method 9 for weekly visible emissions observations, which would be excessive and unreasonable for

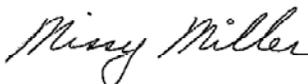
a facility that typically operates on natural gas. III.C.4 is also not consistent with the TSD page 28 Table VI-D-1 which states good combustion practices when using natural gas, EPA Method 9 upon the request of the Control Officer, and performance testing when firing #2 diesel as outlined under OP III.D.3. It is our standard operating practice to shut down the turbines if there are any visible emissions, as that would indicate a malfunction of the equipment. We request replacing the wording of the last sentence "if practicable" with "upon the request of the Control Officer". The sentence would read as follows: "...If visible emissions are observed, then corrective actions shall be taken to minimize the emissions. Upon the request of the Control Officer conduct an EPA Method 9 test for opacity of emissions."

- TSD VI.B. AQR Section 26, similar to OP III.C.4, could be interpreted to require weekly Method 9 observations. We request under Applicable Test Method the wording be revised to read as follows: "Compliance determined by good combustion practices as well as EPA Method 9 performance testing upon the request of the Control Officer. When firing #2 diesel oil conduct EPA Method 9 performance testing as outlined in Part 70 OP III.D.4."

We request the opportunity for a final review of the permit and TSD before it is issued. Please send any correspondence to Bob Graben and myself.

Thank you for your consideration. Please call me at (775) 850-2266 or Bob Graben at (702) 457-0797 ext. 21 should you have any questions.

Sincerely,



Missy Miller
Sr. Compliance Coordinator

cc: Robert Graben, NSP Site Manager