



JAN 24 2012

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-1547
Project # S-1113755

Dear Mr. Rios:

The Air Pollution Control Officer has modified the Title V permit for Aera Energy by incorporating Authorities to Construct S-1547-414-9 and '414-11. ATC S-1547-414-9 listed Rule 4311 conditions on the permit and authorized pilot monitoring during maintenance or planned power outages. ATC S-1547-414-11 authorized the flare to be de-rated from 60 MMBtu/hr to 49 MMBtu/hr.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on September 20, 2011. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,



David Warner
Director of Permit Services

DW:sdd

Enclosures

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
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Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



JAN 24 2012

John Haley
Aera Energy
PO Box 11164
Bakersfield, CA 93389-1164

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-1547
Project # S-1113755**

Dear Mr. Haley:

The Air Pollution Control Officer has modified the Title V permit for Aera Energy by incorporating Authorities to Construct S-1547-414-9 and -414-11. ATC S-1547-414-9 listed Rule 4311 conditions on the permit and authorized pilot monitoring during maintenance or planned power outages. ATC S-1547-414-11 authorized the flare to be de-rated from 60 MMBtu/hr to 49 MMBtu/hr.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1547-414-12

EXPIRATION DATE: 05/31/2016

SECTION: SW26 **TOWNSHIP:** 29S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

49 MMBTU/HR KALDAIR MODEL P-20-E PIPE STANDBY FLARE, SULFA TREAT VESSEL, AND GAS HYDRATING AND DRAIN SYSTEM (A/F DEHY)

PERMIT UNIT REQUIREMENTS

1. Flare shall be equipped with a heat sensing device such as a thermocouple, ultraviolet beam sensor, infrared sensor, or an equivalent device capable of continuously detecting at least one pilot flame or the flare flame is present. The flame detection device shall be kept operational at all times except during flare maintenance when the flare is isolated from gas flow. During essential planned power outages when the flare is operating, the pilot monitor is allowed to be non-functional if the flare flame is clearly visible to onsite operators. Effective on and after July 1, 2012, all pilot monitor downtime shall be reported annually pursuant to Rule 4311, section 6.2.3.6. [District Rule 4311] Federally Enforceable Through Title V Permit
2. A flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311] Federally Enforceable Through Title V Permit
3. Flare outlet shall be equipped with an automatic ignition system, or, shall operate with a pilot flame present at all times when combustible gases are vented through the flare, except during purge periods for automatic-ignition equipped flares. [District Rule 4311] Federally Enforceable Through Title V Permit
4. If the flare uses a flow-sensing automatic ignition system and does not use a continuous flame pilot, the flare shall use purge gas for purging. [District Rule 4311] Federally Enforceable Through Title V Permit
5. Visible emissions from flare shall be less than 5% opacity, except for a period or periods aggregating three minutes or less in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Only natural gas shall be used as pilot fuel. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Volume of gas combusted in flare shall not exceed 1.2 MMscf/day and 3.15 MMscf/calendar quarter. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Sulfur compound concentration (as H₂S) of gas flared shall not exceed 961 ppmv. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Efficiency of sulfur removal unit shall be maintained at not less than 95% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Permittee shall demonstrate compliance with sulfur compound concentration limit and sulfur removal efficiency at least once every 12.6 MMscf of gas treated, by sample analysis of inlet and outlet gas streams of sulfur removal unit. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain a record of all sample analysis made of inlet and outlet gas streams, and upon request, shall make the most recent record available for District inspection. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

12. Emissions shall not exceed PM10: 2.5 lb/MMscf, SOx: 240.65 lb/MMscf (as SO₂), NOx: 140 lb/MMscf (as NO₂), VOC: 2.8 lb/MMscf, CO: 35 lb/MMscf. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Permittee shall keep accurate records of dates and volumes of gas flared. Such records shall be retained for a period of at least five years and be made readily available for District inspection upon request.. [District Rule 2201 and 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.