



MAR 23 2010

Brent Winn
Aera Energy LLC
PO Box 11164
Bakersfield, CA

**Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # S-1543
Project # 1095009**

Dear Mr. Winn:

The Air Pollution Control Officer has modified the Title V permit for Aera Energy LLC in Kern County, CA incorporating Authority to Construct (ATC) ATC S-1543-33-8. ATC S-1543-33-8 authorized an increase in annual flared gas limit from 50 MMscf/yr to 75 MMscf/yr (60,000 MMBtu/yr to 90,000 MMBtu/yr) and a change in the frequency of sulfur monitoring from monthly to annual.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on January 27, 2010. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter

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: RUE/cm

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
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



MAR 23 2010

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St.
San Francisco, CA 94105

**Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # S-1543
Project # 1095009**

Dear Mr. Rios:

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MAR 23 2010

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

**Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # S-1543
Project # 1095009**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has modified the Title V permit for Aera Energy LLC in Kern County, CA incorporating Authority to Construct (ATC) ATC S-1543-33-8. ATC S-1543-33-8 authorized an increase in annual flared gas limit from 50 MMscf/yr to 75 MMscf/yr (60,000 MMBtu/yr to 90,000 MMBtu/yr) and a change in the frequency of sulfur monitoring from monthly to annual.

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Sincerely,

David Warner
Director of Permit Services

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Tel: 661-392-5500 FAX: 661-392-5585

Bakersfield Californian

**NOTICE OF FINAL DECISION
FOR THE PROPOSED MODIFICATION OF
FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to modify the Federally Mandated Operating Permit to Aera Energy LLC for its Belridge gas processing plant in Kern County, CA, California.

The District's analysis of the legal and factual basis for this proposed action, project #1095009, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. For additional information regarding this matter, please Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1543-33-11

EXPIRATION DATE: 05/31/2009

SECTION: SE32 TOWNSHIP: 28S RANGE: 21E

EQUIPMENT DESCRIPTION:

3,600 MMBTU/HR KALDAIR INDAIR LIMITED USE PRODUCED GAS FLARE WITH COANDA EFFECT FLARE TIP

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark or darker than Ringelmann 1/4 or 5% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Flare shall be equipped with recording, volumetric flow meters that shall be used to individually monitor and record the volumes of produced gas, pilot gas and sweep gas combusted in this unit. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311, 5.2] Federally Enforceable Through Title V Permit
4. The 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. The pilot need not be present when the flare is isolated for required flare maintenance. [District Rule 4311, 5.3] Federally Enforceable Through Title V Permit
5. 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 and unforeseen or necessary planned power outages. [District Rule 4311, 5.4] Federally Enforceable Through Title V Permit
6. The sulfur content of produced gas combusted in the flare shall not exceed 1,000 ppmv. Sulfur content of pilot gas and sweep gas shall not exceed 15 ppmv (as H₂S). [District Rule 2201, District Rule 4801, 3.1, and Kern County Rule 407] Federally Enforceable Through Title V Permit
7. Maximum amount of gas combusted shall not exceed 60,000 MMBtu/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Maximum amount of gas combusted shall not exceed 90,000 MMBtu/yr. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Emissions from the flare shall not exceed any of the following limits (based on total gas combusted): NO_x (as NO₂): 0.068 lb/MMBtu; SO_x (as SO₂): 0.14 lb/MMBtu; PM₁₀: 0.008 lb/MMBtu; CO: 0.37 lb/MMBtu; or VOC: 0.063 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Total quantity of pilot gas and sweep gas combusted in the flare shall not exceed 15 MMBtu/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall measure the sulfur content of the produced gas combusted in the flare and the H₂S concentration of the pilot/sweep gas by District witnessed, or authorized, sample collection by ARB certified testing laboratory annually. [District Rules 1081, 7.2 and 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. The sulfur content of the produced gas flared shall be determined using ASTM test methods D-1072, D-3246, D-6228, or double GC for H₂S and Mercaptans. H₂S concentration (ppmv) of the pilot/sweep gas shall be determined using ASTM test methods D-1072 or D-4084, using Draeger tube, or by gas supplier test data consistent with the natural gas fuel sulfur content test method listed in this permit. [District Rules 1081 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. A trained observer, as defined in EPA Method 22, shall check visible emissions at least once a year for a period of 15 minutes. If visible emissions are detected at any time during this period, the observation period shall be extended to two hours. A record containing the results of these observations shall be maintained, which also includes company name, process unit, observer's name and affiliation, date, estimated wind speed and direction, sky condition, and the observer's location relative to the source and sun. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
14. The higher heating value of the pilot gas, sweep gas, and flared gas shall be monitored at least quarterly. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Measured heating value and quantity of gas flared shall be used to determine compliance with heat input limits. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The operator shall maintain all records of required monitoring data and support information for District inspection at any time. [District Rule 2520, 9.5.2] Federally Enforceable Through Title V Permit
17. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
18. Permittee shall maintain accurate records of the daily quantities of produced gas and pilot and sweep gas combusted in the flare. [District Rules 2201 and Rules 2520, 9.4.2] Federally Enforceable Through Title V Permit
19. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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