



MAY 19 2011

Mr. Robert Howard
Pacific Gas and Electric Company
Attention: Air Quality Permits
P O Box 7640
San Francisco, CA 94120

**Re: Final - Authority to Construct / COC (Significant Mod)
District Facility # C-904
Project # 1102936**

Dear Mr. Howard:

The Air Pollution Control Officer has issued Authority to Construct (ATC) C-904-31-4, with a Certificate of Conformity, to Pacific Gas and Electric Company located at 34453 Plymouth Avenue in Avenal. This ATC authorizes the modification of one 791 bhp natural gas fired emergency standby internal combustion (IC) engine to remove its emergency standby status, allow operation up to 200 hours per year during any situation, and replace the non-selective catalytic reduction (NSCR) system with a new NSCR system.

Enclosed is the Authority to Construct. The application and proposal were sent to US EPA Region IX on March 7, 2011. 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.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

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

Mr. Robert Howard
Page 2

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

A handwritten signature in black ink, appearing to read "David Warner", with a long horizontal flourish extending to the right.

David Warner
Director of Permit Services

Enclosures
ddb



MAY 19 2011

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

**Re: Final - Authority to Construct / COC (Significant Mod)
District Facility # C-904
Project # 1102936**

Dear Mr. Rios:

The Air Pollution Control Officer has issued Authority to Construct (ATC) C-904-31-4, with a Certificate of Conformity, to Pacific Gas and Electric Company located at 34453 Plymouth Avenue in Avenal, CA. This ATC authorizes the modification of one 791 bhp natural gas fired emergency standby internal combustion (IC) engine to remove its emergency standby status, allow operation up to 200 hours per year during any situation, and replace the non-selective catalytic reduction (NSCR) system with a new NSCR system.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on March 7, 2011. 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. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

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MAY 19 2011

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

**Re: Final - Authority to Construct / COC (Significant Mod)
District Facility # C-904
Project # 1102936**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct (ATC) C-904-31-4, with a Certificate of Conformity, to Pacific Gas and Electric Company located at 34453 Plymouth Avenue in Avenal, CA. This ATC authorizes the modification of one 791 bhp natural gas fired emergency standby internal combustion (IC) engine to remove its emergency standby status, allow operation up to 200 hours per year during any situation, and replace the non-selective catalytic reduction (NSCR) system with a new NSCR system.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on March 7, 2011. 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. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

Enclosures
ddb

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Fresno Bee
and
Hanford Sentinel

**NOTICE OF FINAL DECISION
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT AND
SIGNIFICANT 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 issue an Authority to Construct (ATC) to Pacific Gas and Electric Company for its natural gas compressor station located at 34453 Plymouth Avenue in Avenal, California. This ATC authorizes the modification of one 791 bhp natural gas fired emergency standby internal combustion (IC) engine to remove its emergency standby status, allow operation up to 200 hours per year during any situation, and replace the non-selective catalytic reduction (NSCR) system with a new NSCR system.

The District's analysis of the legal and factual basis for this proposed action, project #1102936, is available for public inspection at the District office at the address below. For additional information regarding this matter, please contact 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.



AUTHORITY TO CONSTRUCT

PERMIT NO: C-904-31-4

ISSUANCE DATE: 04/26/2011

LEGAL OWNER OR OPERATOR: PG & E CO -KETTLEMAN COMPRESSOR STATION

MAILING ADDRESS: ATTN: AIR QUALITY PERMITS
P O BOX 7640
SAN FRANCISCO, CA 94120

LOCATION: 34453 PLYMOUTH AVE
AVENAL, CA 93204

EQUIPMENT DESCRIPTION:

MODIFICATION OF 791 BHP CATERPILLAR MODEL G3512TA RICH-BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE WITH NON-SELECTIVE CATALYTIC REDUCTION (NSCR) POWERING AN ELECTRICAL GENERATOR: REMOVE EMERGENCY STANDBY STATUS, ALLOW OPERATION UP TO 200 HOURS PER YEAR, AND REPLACE NSCR SYSTEM WITH A NEW COASTAL IGNITION AND CONTROLS MODEL 2-DC74.5-10 NSCR SYSTEM

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Prior to operating equipment under this Authority to Construct, permittee shall provide NOx (as NO2) emission reduction credits for the following quantities of emissions: 1st quarter - 6 lb; 2nd quarter - 6 lb; 3rd quarter - 6 lb; and 4th quarter - 6 lb. Offsets shall be provided at a distance ratio of 1.5 to 1. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct, permittee shall provide VOC emission reduction credits for the following quantities of emissions: 1st quarter - 13 lb; 2nd quarter - 13 lb; 3rd quarter - 13 lb; and 4th quarter - 13 lb. Offsets shall be provided at a distance ratio of 1.5 to 1. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-904-31-4 : Apr 26 2011 9:38AM -- BROWND : Joint Inspection NOT Required

5. ERC certificate numbers (or any splits from these certificates) N-868-1 and N-868-2 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct (ATC) shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of the ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
8. 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 as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
9. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102] Federally Enforceable Through Title V Permit
10. This IC engine shall be fired on Public Utility Commission (PUC) regulated natural gas only. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
11. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
12. This IC engine shall be equipped with a three-way catalyst. [District Rule 2201] Federally Enforceable Through Title V Permit
13. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
14. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
15. Emissions from this IC engine shall not exceed any of the following limits: 5 ppmvd NO_x @ 15% O₂ (0.07 grams-NO_x/bhp-hr); 56 ppmvd CO @ 15% O₂ (0.60 grams-CO/bhp-hr); 25 ppmvd VOC @ 15% O₂ (0.15 grams-VOC/bhp-hr); 0.02 grams-PM₁₀/bhp-hr; or 0.0094 grams-SO_x/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Operation of this IC engine shall not exceed 200 hours per year. [District Rules 2201 and 4702] Federally Enforceable Through Title V Permit
17. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
18. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
19. The permittee shall maintain an engine-operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance with Rule 4702. [District Rule 4702] Federally Enforceable Through Title V Permit
20. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702] Federally Enforceable Through Title V Permit