



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



MAR 18 2015

George De Boer
Southern Cross Dairy
P O Box 757
Buttonwillow, CA 93206

RE: Notice of Final Action - Authority to Construct
Facility Number: S-4697
Project Number: S-1083805

Dear Mr. De Boer:

The Air Pollution Control Officer has issued the Authority to Construct permit to Southern Cross Dairy for an 800 kW diesel-fired turbine to provide emergency power in the event of an electrical outage, at 26509 Lerdo Highway, Buttonwillow. Enclosed are the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on November 11, 2014. The District's analysis of the proposal was also sent to CARB on November 6, 2014. No comments were received following the District's preliminary decision on this project.

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.

Sayed 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 93728-0244
Tel: (559) 230-6000 FAX: (559) 230-8061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 881-392-5500 FAX: 881-392-5585

Mr. George De Boer
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Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-6000.

Sincerely,

A handwritten signature in black ink, appearing to read "Arnaud Marjollet", written over a horizontal line.

Arnaud Marjollet
Director of Permit Services

AM:jka

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email



AUTHORITY TO CONSTRUCT

PERMIT NO: S-4697-9-0

ISSUANCE DATE: 03/10/2015

LEGAL OWNER OR OPERATOR: SOUTHERN CROSS DAIRY
MAILING ADDRESS: PO BOX 757
BUTTONWILLOW, CA 93206

LOCATION: SW CORNER OF ROWLEE RD AND LERDO HWY
BUTTONWILLOW, CA 93206

EQUIPMENT DESCRIPTION:
800 KW SOLAR SATURN (S/N: 10257) DIESEL-FIRED EMERGENCY STANDBY TURBINE POWERING AN ELECTRICAL GENERATOR

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. 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]
4. Emissions from this turbine shall not exceed any of the following limits: 0.88 lb-NOx/MMBtu (0.01163 lb/kW-hr), 1.617 lb-CO/MMBtu (0.02302 lb/kW-hr), 0.012 lb-PM10/MMBtu (0.0001638 lb/kW-hr), 0.002 lb-SOx/MMBtu (0.00002121 lb/kW-hr) or 0.00041 lb-VOC/MMBtu (0.00000056 lb/kW-hr). [District Rule 2201]
5. This turbine shall be equipped with an operational non-resettable elapsed operating time meter or other APCO approved alternative. [District Rules 2201 and 4703]
6. This turbine shall be operated only for testing and maintenance, required regulatory purposes, and during emergency situations. Non-emergency operation of the turbine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4703]
7. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4703]
8. This turbine 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 4703]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 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


Arnaud Marjollet, Director of Permit Services

9. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rule 4801 and 40CFR60.333]
10. The permittee shall maintain an operating log that includes, on a daily basis, the actual local start-up time and stop time, total hours of emergency and non-emergency operation, the purpose of the operation (e.g., load testing, weekly testing, rolling blackout, general area power outage, etc.), and cumulative hours of operation to date for the calendar year. [District Rule 1070 and 4703]
11. 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 4703]