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October 26, 2007

Gary Willey
Supervising Engineer
San Luis Obispo County Air Pollution Control District
3433 Roberto Court
San Luis Obispo, California 93401

DOCKET 07-AFC-8	
DATE	OCT 26 2007
RECD.	NOV 01 2007

Subject: *Standby Diesel Engine Permit* Application for the Carrizo Solar Energy Farm

Dear Mr. Willey:

Accompanying this letter, please find an application for a *Standby Diesel Engine Permit* for the firewater pump engine at the proposed Ausra CA II, LLC (dba Carrizo Energy, LLC) Carrizo Energy Solar Farm (CESF). The CESF is a proposed solar thermal electric generation facility located in an unincorporated area of eastern San Luis Obispo County (see Figure 3.1-1), west of Simmler and northwest of California Valley, California. The CESF will consist of approximately one hundred and ninety-five Compact Linear Fresnel Reflector (CLFR) solar concentrating lines, and associated steam drums, steam turbine generators (STGs), air cooled condensers (ACCs), and infrastructure, producing up to a nominal 177 megawatts (MWs) net.

The Application for Certification (AFC) for this project was submitted to the California Energy Commission (CEC) on October 25, 2007. As presented in the AFC, the only source of operational emissions is the scheduled testing of the emergency firewater pump engine. The engine will be located in the power block area of the site (see Figure 3.4-4).

One check payable to the San Luis Obispo County Air Pollution Control District (SLOAPCD) in the amount of \$115.00 is being provided with the application to cover permit review costs.

According to CEC regulations, the CEC shall respond as to the completeness of the Project's AFC within 30 days of the AFC submittal date. Part of the CEC's determination of data adequacy relies on SLOAPCD's determination that the application for this Diesel Engine Permit is complete. As such, Carrizo Energy, LLC respectfully requests that the SLOAPCD devote resources to our application to make such a determination in a timely manner.

Thank you in advance for your review of our application. Please do not hesitate to contact me with questions or concerns regarding any aspect of this application, so that we can promptly make available the information you need to complete your evaluation.

Sincerely,

Perry Fontana, QEP
Manager
Carrizo Energy, LLC



STANDBY DIESEL ENGINE PERMIT APPLICATION FORM

(Application must be typewritten, computer generated, or hand printed in ink. Complete all pages of the application.)

IMPORTANT: To assure that your application is complete include all of the following when submitting this application:

- \$115 Filing Fee
 Complete all sections
 Signature on Application

Applications are evaluated on a cost recovery basis - the filing fee will be applied as a credit to the final amount due.

1. FACILITY NAME: Carrizo Energy Solar Farm
 Facility Street Address _____
 City, State ZIP: _____

Assessor Parcel Number (APN): 072-091-001, 072-091-010

2. OWNER:

Contact Person:	<u>Perry Fontana, Manager</u>	Work Phone:	<u>650.353.9785</u>
Company Name:	<u>Ausra CA II, LLC (dba Carrizo Energy, LLC)</u>	Fax:	<u>650.494.3893</u>
Mailing Address:	<u>3585 East Bayshore Rd.</u>	Cell Phone:	<u>650.796.4979</u>
City, State ZIP:	<u>Palo Alto, CA 94303</u>	Email:	<u>perry@ausra.com</u>

3. OTHER CONTACTS: (If contact is not the same as owner please attach the APCD Permit Contacts form with the information)

Facility Operations:	<input checked="" type="checkbox"/> Same as Owner	Inspections:	<input checked="" type="checkbox"/> Same as Owner
Billing:	<input checked="" type="checkbox"/> Same as Owner	Legal/Enforcement Actions:	<input checked="" type="checkbox"/> Same as Owner

4. NATURE OF BUSINESS OR AGENCY: (Include SIC code if known.)
 electrical power generation

5. ADDITIONAL QUESTIONS:

- a) Direction and straight line distance to nearest school: 1,400 feet School Name: Carrisa Plains School
- b) Straight line distance to nearest residence: 400 feet
- c) Straight line distance to nearest offsite workplace: 1,400 feet
- d) Do you claim that any data submitted with this application is a trade secret? Yes No
- e) Is this permit application a result of a district enforcement action? Yes No
- f) If this equipment is not yet in use, project status: Start Date: 1st quarter 2009 Completion Date: _____

(CONTINUED ON NEXT PAGE)

(District Use Only)

	Number:	Issuance Date:	Issuance Date:
	Fee:	Fee:	Fee:
	Receipt No.	Receipt No.	Receipt No.
	Check No.	Check No.	Check No.
	Ref. App. No.	Extended	Permit No.
Comments:			Previous No.



STANDBY DIESEL ENGINE PERMIT APPLICATION FORM (continued):

6. STATIONARY ENGINE DATA Enclose a copy of the manufacturer's specification sheet if available

No. of units included in this application: 1 (include the following information for each engine if not identical)

Manufacturer: Clarke (or equal) Model: JW6H-UF40 Serial No: unknown

Engine Size 300 bhp @ 2100 rpm Year of Mfg. _____ 4 cycle 2 cycle

Certified Particulate Matter Emission Level: 0.12 g/bhp-hr

EPA certification/engine family #, if known: Tier 2

Generator Mfg: _____ Model: _____ Rating: _____ kW

Add-On Control Equipment

oxidative catalyst particulate trap oxidative particulate trap
catalyst/trap mfg: _____ model: _____ Air Resources Board Certification #: _____

Primary Use:

backup generator backup generator for a qualified health facility
 direct-drive fire pump backup water pump backup compressor Other _____

Maintenance/Testing Operation

52 hours/year Current non-resettable hour meter reading: _____ hours

Fuel Information:

yearly fuel usage 73 gallons
 highway CARB diesel tax-exempt CARB diesel (red) exempt diesel ultra low diesel Other _____

Exhaust Stack:

maintenance operating load: 100 % of full load stack diameter 5 inches stack height above ground 18 feet
discharge direction: up down horizontal other: _____

Note: non-vertical stacks are generally prohibited

I hereby certify that all information provided on this application, and its plans, attachments, and supplemental forms, is true and correct. I agree to pay any and all fees required by District rules for processing this application and for issuance of any Authority to Construct or Permit to Operate. If I abandon this project and withdraw my application, or should my application be disapproved, I agree that the obligation exists to compensate the District for time spent processing my application

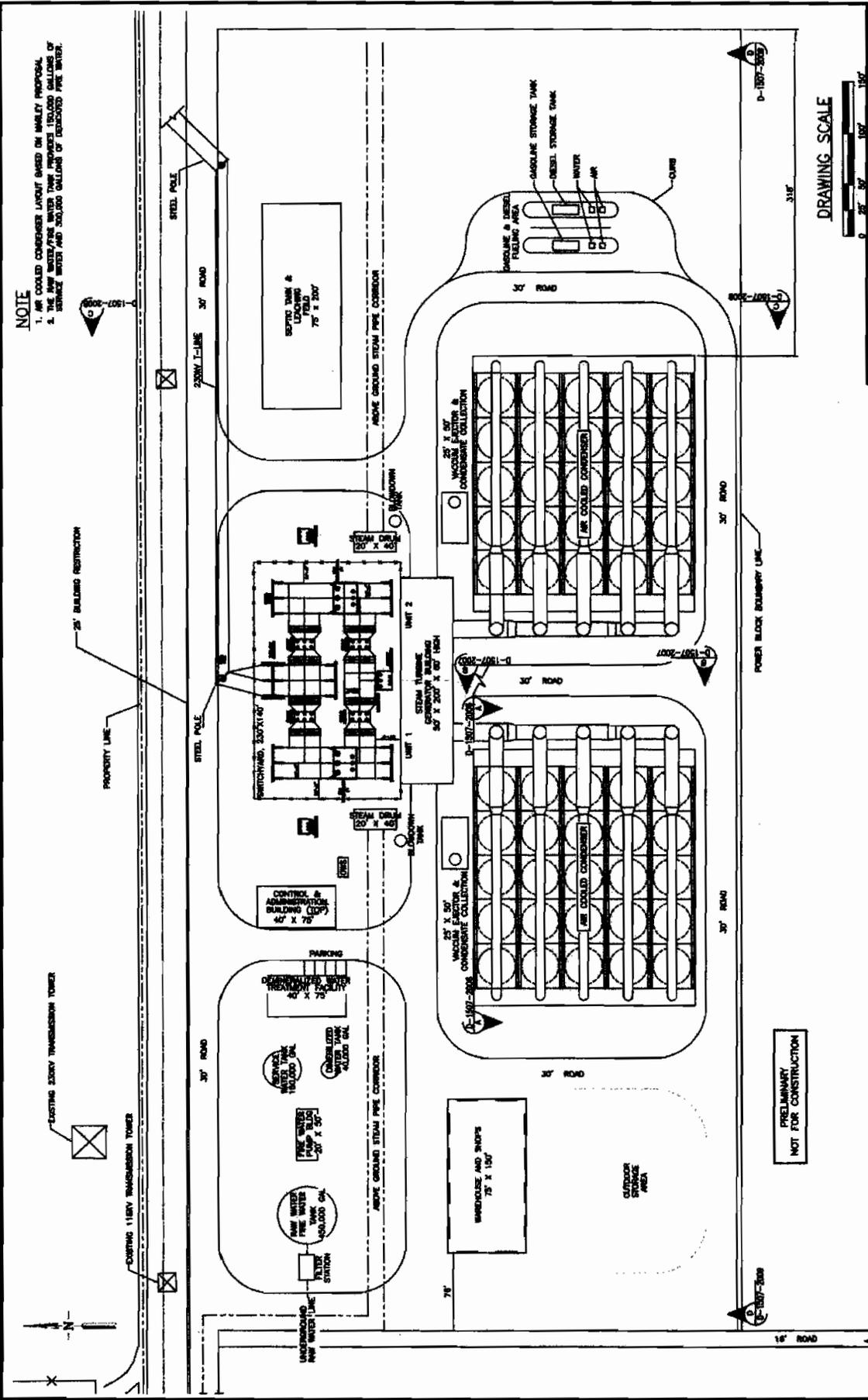
8. SIGNATURE: 11. DATE 10/25/07

9. PRINT NAME Perry Fontana

10. ORGANIZATION: Ausra CA II, LLC (dba Carrizo Energy, LLC)

NOTE

1. AIR COOLED CONDENSER LAYOUT BASED ON HALEY PROPOSAL.
2. THE NEW WATER/FINE WATER TANK PROVIDES 18,000 GALLONS OF STORAGE WATER AND 500,000 GALLONS OF DEAERATED FINE WATER.



POWER BLOCK GENERAL ARRANGEMENT
CARRIZO ENERGY SOLAR FARM (CESF)

CREATED BY: PATCH | DATE: 08-24-07 | FIG. NO: 3.4.4
 PAK AL | PROJ. NO: 22239472

URS

DRAWING SCALE
 0 25' 50' 100' 150'

NO.	DESCRIPTION	DATE	BY	CHKD.	APP'D.
1	ISSUED FOR PERMITTING	08/24/07
2	ISSUED FOR CONSTRUCTION
3
4
5
6
7
8
9
10

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PRELIMINARY
 NOT FOR CONSTRUCTION