

DOCKETED

Docket Number:	07-AFC-06C
Project Title:	Carlsbad Energy Center - Compliance
TN #:	203452
Document Title:	Conversation with San Diego County Regional Airport Authority Regarding Project Plumes
Description:	Staff discussed the project's thermal plumes with the San Diego County Regional Airport Authority, which had no comment.
Filer:	Andrea Koch
Organization:	CA Energy Commission
Submitter Role:	Commission Staff
Submission Date:	12/16/2014 11:20:28 AM
Docketed Date:	12/16/2014

CALIFORNIA ENERGY COMMISSION
REPORT OF CONVERSATION



**Siting, Transmission, and
 Environmental Protection
 Division**

FILE: 07-AFC-06C

**PROJECT TITLE: Amended Carlsbad Energy Center
 Project (CECP)**

<input checked="" type="checkbox"/> Telephone		<input type="checkbox"/> Meeting Location: NA
NAME: Andrea Koch (916-654-3850)	DATE: 9/11/14	TIME: 11:00 am
WITH: Ed Gowens, Senior Airport Planner at San Diego County Regional Airport Authority (619-400-2244)		
SUBJECT: Plumes at Amended Carlsbad Energy Center Project		

PHONE CONVERSATION:

I alerted Mr. Gowens, Senior Planner at the San Diego County Regional Airport Authority, of our calculations indicating that the Amended CECP's thermal plumes would pose turbulence risks to aircraft at higher altitudes than the plumes produced by the Licensed CECP. (The Amended CECP would produce plumes affecting aircraft at altitudes up to 2,200 feet AGL, while the Licensed CECP would produce thermal plumes affecting aircraft at altitudes up to 1,410 feet AGL.)

Mr. Gowens stated that an Airport Land Use Compatibility Plan (ALUCP) is available for the McClellan-Palomar Airport, and while plumes are identified as a hazard, the ALUCP does not provide a threshold plume velocity at which plumes are a hazard. (CEC staff uses a plume velocity of 4.3 meters per second as the threshold above which thermal plumes are of sufficiently high velocity to potentially affect aircraft.) He did note that page 4-17 of the San Diego International Airport's ALUCP does include an aircraft plume velocity hazard threshold of 14.1 feet per second. (Staff converted 14.1 feet per second to meters per second and found that this is equivalent to staff's threshold of 4.3 meters per second.)

Other than providing this information, Mr. Gowens declined comment on the Amended CECP. He stated that the San Diego County Regional Airport Authority only reviews permit applications processed and submitted to the Airport Authority by local jurisdictions, but that he appreciated being notified of the project.

Mr. Gowens also told me that a new airline, California Pacific, is soon expected to offer commercial airline service to Los Angeles from the McClellan-Palomar Airport.

CC:	Signed:
	Name: Andrea Koch