

Docket Number 06-SPPE-2  
First Round Data Requests  
El Centro Unit 3 Repower Project  
July 2006

**DATA REQUEST #26**  
**VISIBLE PLUME MODELING**

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**BACKGROUND**

Staff intends to conduct a plume modeling analysis using the Combustion Stack Visible Plume (CSVP) model and the Seasonal Annual Cooling Tower Impact (SACTI) model for the El Centro project, as is done for all projects with cooling towers.

**DATA REQUEST**

26. Please provide the cooling tower make and model number, and any vendor documentation such as performance tests, vendor guarantees, and details and descriptions of the new mist eliminator for the specific model.

**DATA RESPONSE**

**Tower Make:** Marley

**Tower Model Number:** 12-454-87-0400

Also attached as Attachment A, Visible Plume Modeling, Performance Test, is a copy of a performance test from September 2000. Attachment B, Vendor Literature, pertains to a drift eliminator that could be retrofitted to the tower. Installing this drift eliminator would also necessitate other modifications to keep the tower wet at all times, which is currently not the practice.

**ATTACHMENT A  
VISIBLE PLUME MODELING  
PERFORMANCE TEST**

**ATTACHMENT B  
VISIBLE PLUME MODELING  
VENDOR LITERATURE**