Mr. Adams,

As we discussed, Contra Costa County Airports Division has some concerns regarding the proposed Mariposa Energy Power Plant being proposed near the Byron Airport. In our research there are several unanswered questions regarding possible hazards to aviation from exhaust plumes. Thank you for the opportunity to provide input into the CEC as you lead the traffic and transportation analysis.

Byron Airport has more than 100 based aircraft ranging from gliders to corporate jet aircraft. The Airport operations total approximately 50,000 annually, which is approximately 140 per day. These operations include significant glider, flight training, and skydiving activities.

We have identified three main items of concern:

1) The proposed power plant is approximately 2.65 miles south east of the Byron Airport, just a few hundred feet from the main precision instrument runway corridor (Runway 30). (Would the proposed location be hazardous to aircraft on an instrument landing, including if they slightly deviated from the prescribed corridor?)

2) The power plant site is also near the downwind leg of both Runway's 5 and 23. It appears the site would also be adjacent to the standard "45" entry into the Runway's 5 and 23 traffic pattern. (Would flying at 1000' near or over the proposed location pose a hazard to aircraft in flight?)

3) Lastly, the power plant site would be under the "right 45" for aircraft departing Runway 12. This is specifically significant because it is the preferred departure runway for the skydiving company jump planes based on the airfield. (Would flying near or over the proposed location pose a hazard to aircraft in flight?)

Please feel free to give me a call if you have any questions or need clarification.

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