

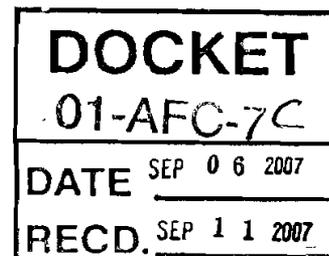
From: <HRogers4@aol.com>
To: <PKramer@energy.state.ca.us>
Date: 9/6/2007 12:52 PM
Subject: Russell City Energy Center - Amendment Proceeding

CC: <Brooke.Rogers@abc.com>, <jameson1@pacbell.net>

Dear Paul Kramer:

After reviewing staff's report, I have a few questions for you if you wouldn't mind.

1. I did not find a report or analysis addressing the study between pollution, (specifically airborne particulates) and cardiovascular disease in women. Could you please include this in your report?
2. I read where there were studies done on the health effects on children, seniors and the elderly, but I can seem to locate the study. If you wouldn't mind, I'd appreciate being given the website and page number.
3. 4.1-8 to 4.1-11 in your report, I find wording "staff attempted to estimate a reasonably expected operating profile for the facility and the associated emissions and verify whether the proposed ERC's could adequately mitigate the facility emissions...again staff estimated 1, 093lbs. per day...wouldn't adequately mitigate the projects daily NOx emission impacts." Could you please explain this?
4. I consistently found that most staff recommendations appear to be based on hypothetical findings and not actual facts. While I imagine that calculations are at times difficult, I would feel better knowing that calculations were more accurate given the fact that we are looking at life or death situations. Could you please rewrite the air quality section where it more accurately reflects the realities of life and not based on hypotheticals?
5. The staff's conclusion (4-1-16) appears to be based on hypotheticals, therefor a reasonable challenge to your conclusions could perhaps be deemed debatable. Would you agree?
6. The majority of NOx emissions and Ozone are caused by startup and shutdowns, yet the applicant doesn't want to be held to a specific number of startups and shutdown on a daily basis, only annually. With this proposal, how can you determine the correct amount of NOx if your startup and shutdown is a variable? Without certain numbers, a conclusion is difficult to meet. Please explain the answer.
7. As far as ambient air pollution numbers to work with, did you take into account the inordinate amount of truck traffic in Hayward? We have one of the largest trucking/Industrial corridors around.
8. Calpine is a financial risk, what are the alternative should GE no longer fund this proposed project?
9. Mitigation for the winter month of NOx concerning fireplaces seems to be difficult. Your analysis of mitigation appears to be hypothetical once again. For instance, myself and many of my friends have pellet stoves already and some of us are about to go solar. We would probably not be interested in your fireplace program, but still the power plant will be polluting our city, what are our benefits and doesn't this throw off your mitigation? Where did you come up with the number of fireplaces to do your mitigating numbers?
10. Could you do an analogy of the pollution emitted from solar roofing on most all available rooftop square footage in the industrial corridor vs. Russell City energy plant?



Please note that I feel very awkward in asking this last question, but have you folks been keeping up with the global warming issues? It appears that a progressive way of thinking should be considered and not something that will be a white elephant in a few years down the road. Did you know that if you

installed solar in only 7% of Arizona's desert, there would be enough energy to supply the whole country? Just saw that on the PBS station a couple of weeks ago. Have you thought about our own Death Valley desert? It is so hot out there most of the year. How about a solar study out there? I worry about my children's future. I just want them to be healthy with clean air and good water. Is this to much to ask?

Thank you so kindly for taking the time to answer my questions. I look forward to hearing from you as soon as possible.

Sincerely,
Holly Rogers

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