

DOCKETED

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The Best Alternative for AES Redondo Beach

Attached is a note my son sent to AES Redondo Beach back in 2001 with a recommendation on how to mitigate noise coming from the power plant. It was a 7 year old's perspective on how to make power plant noise more pleasant. A better solution would be to replace the vintage power plant with a state-of-the-art facility with minimal incidences loud noises.

I submitted the following comments while attending the CEC workshop in Redondo Beach on February 10, 2014. Below it is restated, this time with my full name on it.

I live four miles to the south of the AES Redondo Beach power plant in the Hollywood Riviera and can see the power plant from my back yard. I can also hear it on occasion when wind conditions are right and the plant has a "steam safety" release (which is a rare event). Power plants like AES Redondo need to be re-built because Southern California needs "in-basin" generating facilities, especially with the shut down of San Onofre Nuclear Generating Station and need for flexible and quick start generating facilities to accomodate California's evolving electric grid operating conditions. This is not a new power generating resource, but a replacement of an existing generating station that will be smaller and have less adverse impact on the local community than it predecessor.

The question is where a replacement plant should be built. The existing location seems to be the best alternative for the following reasons:

- * Transmission and natural gas supply infrastructure exist to support the re-built plant
- * The visual impact will not be worse than the existing facilities (in fact, it will be an improvement)
- * Higher energy efficiency could result in a reduction Air emission condensation
- * Total air emission volumes could be lower than the existing facility, understanding this will depend on the number of hours the plant operates compared to the existing plant.
- * Replacement of the existing power plant with new advanced technology will result in less noise than existing facility.

There will be less incidences of steam safety releases and associated "rocket going off" noise. Noise mitigation measures can be implement to further reduce potential noise impacts to the surrounding community.

There was discussion during the February 10, 2014 CEC hearing in Redondo Beach about who regulates the existing AES plant. The CEC did not exist when the SCE made its last modification to the Redondo Beach power plant. If the plant is re-built, the CEC will have regulatory and compliance jurisdiction over the new plant and will be a vehicle for community to voice any on-going concern.

The key consideration the CEC needs to define and AES to respond is whether the new plant will:

- * Be any noisier than the existing plant
- * Emit greater volumes of health impacting pollutants than the existing power plant

* Will any increases over current plant operations be in excess of acceptable standards

* What will AES do to mitigate community impacts or to enhance community relations

New generation resources in Southern California will be required to be sited where electric load is focused, which could likely be in similar high density populated areas. The existing power plant site is an already disturbed site. Relocating AES Redondo Beach to a new site could have greater impact to another community. It seems unreasonable for the community surrounding the AES power plant to advocate putting their existing situation on to another community. Rather, the focus should be on how to minimize impacts from the proposed re-built plant and maximize mitigation measures.

The existing power plant site is the best location to rebuild AES Redondo Beach. The Best outcome would be for AES to work better with the local community to further improve its relationship with the community and for the community leaders to find common ground with AES to build a better co-existence.

Robert D. Hoffman
Redondo Beach

Additional submitted attachment is included below.

December 32

to: C. J. Thomson

From: Samuel E Hoffman, Second Grade

can you put a whistle on the
safty release valve because
it will loud.

