

## DOCKETED

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*Comment Received From: Dan Buck*

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**SHUT DOWN THE AES POWER PLANT AND DONâ€™T REBUILD!**

*Additional submitted attachment is included below.*

## Comments Regarding: Redondo Beach Energy Project (12-AFC-03)

### SHUT DOWN THE AES POWER PLANT AND DON'T REBUILD!

The science of air quality study is evolving rapidly as we are able to capture and study smaller and smaller particles. However the process of protective legislation moves slowly and tends to grandfather existing sites and violations from meeting new requirements when passed. Why else is SCAQMD considered to be an area of 'non-compliance'? EPA has already stated that existing particulate matter requirements are too lenient.

Under existing (outdated) regulations AQMD would not allow a new electricity generating station in the densely populated location where AES Redondo is currently located. It is only being considered because it is 'grandfathered'. The local residents implore you to consider their health and the health of their children rather than following this process in a business as usual mindset. The following represents only a tiny fraction of research in the last decade:

**CARB, April 22, 2010** <http://www.arb.ca.gov/research/chs/chs.htm>

**Air Pollution Harms Children's Lungs for Life** - Children exposed to higher levels of particulate matter, nitrogen dioxide, acid vapor and elemental carbon, had significantly lower lung function at age 18, an age when the lungs are nearly mature and lung function deficits are unlikely to be reversed

**CARB, Release #:11-53 Date:12/08/2011** "These new studies add to the existing scientific literature indicating that microscopic airborne particles pose a threat to public health. California Air Resources Board calculations of combined cardiovascular and respiratory (i.e., cardiopulmonary) deaths associated with PM2.5 exposure are based on the results of the national American Cancer Society study. Annually, 7,300 to 11,000 premature cardiopulmonary deaths in California are estimated to be associated with exposures to fine particulate matter."

I have lived about 400 yards from the southern-most smoke stack of the AES Power plant in Redondo Beach since 1999. I currently suffer from pulmonary fibrosis, heart disease and a rare form of cancer. While these diseases are considered idiopathic, I'd like some re-assurance that it is safe for me to continue living that close to the new, proposed plant being considered by CEC. Local residents deserve similar assurances if you plan to seriously consider this project.

The nearest air quality monitor is miles away near the LA Airport. The 10,000 square mile SCAQMD is irrelevant, how will a new AES Plant affect the health of those living within 2-3 miles from this plant? This is the most densely populated residential area on the entire west coast of California. Micro grams per cubic meter of air mean nothing compared to tons of PM 2.5 settling in Hermosa and Redondo Beaches.

We have been told that the new plant could generate over twice as much dangerous pollution as it does today. Does that mean it will be twice as dangerous to live nearby? (Should Realtors and potential new residents be warned?) How much PM2.5, ozone and other dangerous oxides will settle within our borders? Why won't anyone answer these questions? Please consider the nearby residents when you do your analysis.

Listen to local residents: **do not approve the Redondo Beach Energy Project (12-AFC-03)!**

Dan Buck  
Redondo Beach