

Lily McLen

I urge the NMED to outright reject YUCCA Yucca Growth Infrastructure, LLC's air permit application for the YGI Microgrid. The amount of damage that this project would inflict not only on the local area but also long term on the planet is astronomically high. A data centre for something that is a leech on the earth like AI is not worth the amount of lives that it will negatively affect. For example, the schools nearby, Santa Teresa Elementary and High School are located within five miles of this project site. 96% of students at the high school are hispanic. There are also day care centers located within miles of this site. This is an environmental injustice to these children who are especially vulnerable to the health impacts of NOX, CO, and VOCs. Accepting Project Jupiter and in extension allowing AI to develop in a society that is not advanced enough to sustain it without dire effects on the earth will stunt many futures, especially of the younger generation. My main concern that we are not ready for this type of development stems from the fact that fuel cell technology is so uncertain, as it has not been deployed at this scale. This is 1000 times larger than the largest existing Bloom fuel cell installation. Also, the Application is based on pollution testing from a very small unit. The testing unit is only 65kw, while the power plant is 37,000 times that size, which raises the biggest concerns. Toxic waste disposal is another issue seeing as though Fuel cells generate hazardous waste. Fuel cells filter out sulfur and other contaminants in the methane stream. These contaminants accumulate as hazardous waste in "desulf canisters." The power plant will be generating enormous amounts of hazardous waste. Jupiter claims that any pollution from opening and changing the filter media in the desulf canisters is exempt from air permitting regulations (because there is less than 1000 lbs/yr).

Also, Bloom was fined for improper hazardous waste handling in Pennsylvania and Maryland. In 2020, Bloom was fined \$210,000, and then \$1,161,000. Is this truly a sign of a trustworthy company? Again I urge you to reject this proposal.

Sincerely, Lily McLen