

## Adriana bencomo

My name is adriana I am a New Mexico resident, living in Carlsbad, and I am writing because I am concerned about the risks and harms Project Jupiter poses to New Mexicans. I am submitting this comment to urge the New Mexico Environment Department to reject Yucca Growth Infrastructure, LLC's air permit application for the YGI Microgrid in Doña Ana County. Project Jupiter's power plant will release up to 10 million tons of climate-warming greenhouse gasses every year. This would make a mockery of NM's climate goals, and erase most of the climate progress we have made in the last two decades. A bigger slap in the face for the NM community is that 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. Also Fuel cell technology hav not been deployed at this scale. This is 1000 times larger than the largest existing Bloom fuel cell installation. 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. 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). I urge the NMEDto outright reject YUCCA Yucca Growth Infrastructure, LLC's air permit application for the YGI Microgrid. If NMED does not reject the permit, I ask the department to please hold a bilingual hybrid public hearing near the Santa Teresa community, so that reside