



THE BORDER INDUSTRIAL ASSOCIATION

1300 Country Club Ste A., Santa Teresa New Mexico, 88008

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June 17, 2026,

New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, NM 87505

Re: Support for Air Quality Permits – Yucca Growth Infrastructure, LLC (Project Jupiter)

Dear Air Quality Bureau Leadership,

On behalf of the Border Industrial Association (BIA), I am writing to express our support for the air quality permit application submitted by Yucca Growth Infrastructure, LLC for the proposed fuel cell-based microgrid power generation facility near Santa Teresa, New Mexico.

The BIA represents more than 125 industrial and logistics-related employers operating throughout southern New Mexico. Our mission is to promote the development of New Mexico's border region while recognizing that strong environmental and public health protections are essential to attracting new investment and recruiting top talent. From this perspective, we appreciate the careful and comprehensive regulatory review applied to this proposed facility.

The proposed microgrid is designed to provide dedicated, on-site power exclusively for Project Jupiter, a significant data center investment in the Santa Teresa region. This system utilizes solid oxide fuel cell technology, which generates electricity through a non-combustion electrochemical process. Project Jupiter represents a major economic development opportunity for our community, bringing substantial private investment, construction activity, high-quality technical employment, and long-term tax base growth. Data center projects of this scale strengthen the region's position in the digital economy and reinforce southern New Mexico's role as a competitive location for large-scale infrastructure investment.

The BIA strongly supports Project Jupiter and recognizes the importance of reliable, purpose-built energy infrastructure to the successful operation of modern data centers. We view the proposed microgrid as a necessary and integral component of this project, subject to appropriate environmental oversight and regulatory compliance.

We understand that the air permit application includes detailed emissions analyses and air dispersion modeling that evaluate potential impacts under worst-case operating conditions. Based on the materials submitted, modeled pollutant concentrations remain



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below applicable state and federal air quality standards intended to protect public health, including sensitive populations. The analysis indicates that emissions of key pollutants—including nitrogen dioxide, carbon monoxide, and sulfur dioxide—are well below regulatory thresholds, with particulate matter representing the primary pollutant evaluated against ambient standards.

Compared to conventional combustion-based power generation, this design reflects a different emissions profile with significantly reduced smog-forming pollutants, while remaining subject to regulatory safeguards for particulate matter and other emissions. The project incorporates modern emission-reducing design through the use of non-combustion fuel cell technology, and will be subject to enforceable emissions limits, monitoring, and reporting requirements. These permit conditions are critical to ensuring ongoing compliance and accountability over the life of the facility.

Based on our review of the permit materials, including the emissions analysis and air dispersion modeling, and the regulatory framework governing these projects, the Border Industrial Association respectfully supports the issuance of the requested air quality permit for Yucca Growth Infrastructure's microgrid associated with Project Jupiter.

We appreciate the Air Quality Bureau's careful review of this application and its continued commitment to protecting air quality while providing regulatory certainty for significant economic investment in our region.



Jerry Pacheco
President/CEO
The Border Industrial Association

