



August 12, 2025

To Whom It May Concern:

On behalf of the City of Albuquerque Aviation Department, which operates the Albuquerque International Sunport, we are pleased to express our strong support for Pacific Fusion's plans to invest in and establish a research and development facility at Mesa del Sol, in close proximity to the Sunport. We view this partnership as an important step forward in advancing New Mexico's position as a leader in clean energy innovation.

Pacific Fusion's proposed Demonstration System facility represents a landmark investment with the potential to bring more than 200 high-quality long-term jobs to our community, as well as significant construction activity, workforce development opportunities, and economic growth. The company's mission to achieve net facility gain in fusion energy is closely aligned with our region's legacy of scientific excellence and our shared commitment to sustainability.

We are proud to welcome Pacific Fusion to our local innovation ecosystem. We will work closely with the company to provide guidance and assistance on Federal Aviation Administration regulations and requirements throughout the development process. Our team is committed to facilitating a smooth path for the project and ensuring its successful integration into the Mesa del Sol area.

This project is not only a significant economic investment but also a strategic development priority for the region. Its location near the Sunport presents unique advantages for integrated logistics systems, offering streamlined connectivity for people, materials, and technology. These synergies will further enhance Albuquerque's competitiveness in attracting and supporting high-tech, clean-energy enterprises.

We look forward to continuing our collaboration with Pacific Fusion and supporting their vision for innovation, economic growth, and environmental stewardship in New Mexico.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Manny Manriquez', is written over a light blue horizontal line.

Manny Manriquez  
Deputy Director of Aviation  
City of Albuquerque



# New Mexico State Senate

State Capital  
Santa Fe

**SENATOR MICHAEL PADILLA**

MAJORITY WHIP  
D-Bernalillo-14

P.O. Box 67545  
Albuquerque, NM 87193

Cell: (505) 977-6247  
E-mail: michael.padilla@nmlegis.gov

City of Albuquerque  
Environmental Planning Commission

Chair and Commission Members:

I am writing to express my full support for the proposed Pacific Fusion Research Facility at the Industrial Center in Mesa del Sol. I also fully endorse their request for a 110-foot building height. There is clear precedent for such a variance, most notably, the nearby water tower exceeds this height—demonstrating that the proposed structure aligns with existing development patterns in the area.

As a State Senator and longtime Chairman of the Interim Committee on Science, Technology, and Telecommunications, I have spent over a decade championing innovation and economic development across New Mexico. The Pacific Fusion project represents a transformative opportunity for Southeast Albuquerque and our entire state. Their work builds upon the groundbreaking Z Machine technology developed at Sandia National Laboratories, placing New Mexico at the forefront of renewable energy research.

The facility will generate hundreds of construction jobs and create more than 200 permanent, high-paying positions. Beyond direct employment, Pacific Fusion's presence will attract complementary industries, catalyzing a broader ecosystem of innovation and investment. If New Mexico becomes home to their research and development hub, we will not only secure a major economic asset—we will position our state as a national leader in clean energy for generations to come.

Thank you for your thoughtful consideration of this proposal. I urge you to support Pacific Fusion's vision for Albuquerque and the future of energy.

Very Respectfully,

Michael Padilla  
State Senator – District 14  
Majority Whip

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  - Investments & Pensions Oversight Committee
  - Military & Veterans' Affairs Committee
  - Public School Capital Outlay Oversight Task Force
- SPECIAL ADVISORY:
- Legislative Finance Committee

August 13, 2025



NMOGA and its member companies work to advocate for responsible oil and natural gas policies while producing affordable, reliable, and sustainable energy options through continuous innovation.!

To Whom It May Concern,

On behalf of the New Mexico Oil and Gas Association (NMOGA), we are pleased to express our strong support for Pacific Fusion's proposed Demonstration System facility in Mesa del Sol, Albuquerque. New Mexico has long been a leader in energy innovation, and Pacific Fusion's initiative represents a bold step forward in diversifying our energy portfolio with cutting-edge, clean technologies. Fusion energy—clean, safe, and virtually limitless—aligns with our shared vision for a sustainable energy future that meets growing demand while protecting our environment.

Pacific Fusion's commitment to achieving net facility gain, a critical milestone in fusion energy development, is not only scientifically ambitious but economically transformative. The proposed \$1 billion investment will create over 150 long-term jobs in our state, along with hundreds of construction roles and numerous workforce development opportunities. This project will stimulate regional economic growth and reinforce New Mexico's reputation as a hub for advanced energy research and innovation. NMOGA fully supports the diversification of New Mexico's economy while maintaining and supporting our current economic base.

NMOGA recognizes the importance of striking a balance between industry growth and environmental responsibility. We believe that fusion energy can complement our existing energy infrastructure and help meet the state's future energy needs in a low-carbon, high-efficiency manner. Our association supports collaborative efforts that advance energy innovation, and Pacific Fusion's project is a prime example of such progress.

We encourage state and local leaders, regulatory agencies, and community stakeholders to support this visionary project. Together, we can ensure New Mexico remains at the forefront of energy leadership—fossil, renewable, and now fusion.

Sincerely,

Missi Currier

President & CEO



Ernie C'deBaca  
PRESIDENT & CEO

Michelle Hernandez, Esq.  
GENERAL COUNSEL

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To: Environmental Planning Commission  
From: Ernie C'deBaca, President/CEO, Albuquerque Hispano Chamber of Commerce  
Re: Pacific Fusion  
Date: August 14, 2025

Commissioners –

The Albuquerque Hispano Chamber of Commerce's (Hispano Chamber) mission is to promote economic development, to enhance economic opportunities, and to provide business and workforce education with an emphasis on the Hispanic and small business community in Albuquerque and New Mexico.

In keeping with the Hispano Chamber's mission, I am writing today to offer our full support of Pacific Fusion's plans to locate its research facility in the Innovation Park at Mesa del Sol. I hope that you will grant their request to approve a variance for the 110-foot building height.

It is important that Albuquerque continue to support projects that diversify our economy and renewable energy is one critical segment as we look toward the future. Pacific Fusion's ethos was born at Sandia National Labs with the Z Machine. To have the company come full circle and locate in Albuquerque will be a big win for the Duke City.

Not only will hundreds of jobs be created in the construction phase, but there will also be at least 200 permanent jobs created that will be high paying and highly technical. This is an exciting development for future generations and keep our workforce in New Mexico.

Again, on behalf of the Hispano Chamber, we are excited about the prospect of Pacific Fusion locating in Albuquerque and urge your support. Should you require any additional information or have further inquiries, please feel free to reach out to me.

Sincerely,

Ernie C'deBaca  
President/CEO



# New Mexico Building and Construction Trades Council

BAC 3

August 15, 2025

HFAIW 76

Dear Environmental Planning Commission

IABSOIW 495

I represent the New Mexico Building and Construction Trades Council, an organization that represents over 10,000 skilled and hard-working New Mexicans. Our 15 affiliated member unions have a commitment to world-class skills development and training, coupled with a 21<sup>st</sup>-century labor/management model.

IABSOIW 847

IBB 4

IBB 627

IBEW 583

IBEW 611

IBT 492

IUEC 131

IUOE 953

IUPAT 823

LUINA 16

OPCMIA 254

SMART 49

Sprinklerfitters 669

UA 412

UURWAW 123

I recently met with the Pacific Fusion team, and left the meeting enthused about the prospects of this organization locating in Albuquerque. Our city and our state will benefit greatly from the hundreds of construction jobs that will be generated, but more exciting is the long-term potential for New Mexico, the United States and the world with cutting edge next generation fusion technology development at the proposed facility.

This initiative will ensure New Mexico continues to advance as a global leader in renewable energy production. And it is our view that fusion technology will be the key to shifting current energy models into one that is 100% clean and affordable.

I encourage the commission to support Pacific Fusion's request for a 100-foot variance to build their facility in the Innovation Park at Mesa del Sol.

Sincerely,

Brian Condit

Executive Director

New Mexico Building Trades Council



# Mesa del Sol

SMART • SUSTAINABLE • SAFE

5700 University Blvd. SE Suite 300  
Albuquerque, New Mexico 87106  
5055326225 | Mesadelsolnm.com

To Whom It May Concern,

As the managing partner for Mesa del Sol, I am pleased to express my strong support for the investment of Pacific Fusion to be built at Mesa Del Sol. This initiative represents a significant opportunity for our state to lead in the burgeoning field of fusion technology.

The establishment of this company will not only enhance our technological infrastructure but will also create high-quality jobs and stimulate economic growth in our region. By fostering innovation and collaboration among industry leaders, researchers, and educational institutions, we can ensure that New Mexico remains at the forefront of fusion development.

I am committed to promoting sustainable practices in our development, and I believe that this project can exemplify our dedication to utilizing energy sources, contributing to a greener future.

I wholeheartedly support this investment and look forward to the positive impact it will have on our communities and the economy of New Mexico.

Sincerely,



Steven B. Chavez

FROM THE DESK OF

**PAT DAVIS**

ALBUQUERQUE, NEW MEXICO

August 15, 2025

RE: FP-2025-00004

Honorable Members of the Environmental Planning Commission:

I am writing in support of the EPC matter #FP-2025-00004, which proposes increasing the height of the Mesa del Sol Level B Community Master Plan from 80 to 110 feet.

Most recently, in September 2023, the EPC approved, and the City Council subsequently adopted, an amendment to the Level A plan for the same change sought by today's matter. Approval of this Level B plan amendment is consistent with the EPC and Council's previous actions supporting appropriate development for the Employment Center and nearby areas included in Mesa del Sol.

During my two terms serving on our City Council, I saw firsthand how the EPC and Council worked to further the long-term development goals of building a safe, sustainable live-work community at MDS. Everyone involved has a right to be proud of the successful investments there in housing, jobs and new industries smart planning has enabled.

The EPC's prior actions on the Level A plan made it possible for site selectors to have confidence in selecting Mesa del Sol as a finalist site for a new industry that is critical in establishing Albuquerque as a hub for energy innovation that will lead our country toward a more sustainable and carbon-free energy future.

Your timely consideration and approval of the Level B amendment is consistent with the 2023 Level A amendment, and it directly enables historic investment in our new energy economy and high-paying job opportunities for the city's fastest-growing planned live-work community.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Pat Davis', with a stylized flourish above the 'P'.

Pat Davis

*Albuquerque City Council, 2015-2023*

To the members of the Environmental Planning Commission for the City of Albuquerque,

My name is Robert F. Gruenig. I am an attorney and senior policy analyst, and have worked on environmental, natural resources, and energy issues for more than 25 years, including serving as a member of the former Transportation External Coordinating Working Group which group was established by the U.S. Department of Energy to engage stakeholders on the transportation of radioactive materials, including nuclear waste. Along the way, I also gained a particular expertise in matters related to climate change.

I am a strong proponent of nuclear energy and its potential in providing affordable energy to the United States and its citizenry and effectively mitigating the negative effects of climate change through zero carbon emissions. I understand the concerns of those opposed to nuclear energy based on past incidents involving the Three Mile Island Nuclear Generating Station (1979), Chernobyl Nuclear Power Plant (1986), and Fukushima Daiichi Nuclear Power Plant (2011). However, great strides have since been made in the safety and operation of nuclear energy power plants, addressing such concerns and renewing interest in nuclear energy as a clean, reliable, and scalable solution to the growing energy demands of the United States and the world.

Nuclear fission and fusion are both processes that can generate energy, but only fission has been used thus far by nuclear power plants to generate such energy; this involves splitting heavy atoms (most commonly uranium) to release energy. Unfortunately, the use of nuclear fission presents several legacy problems such as environmental contamination and waste disposal, each related to the radioactive nature of nuclear materials and the long timescales required for radioactive decay. Nuclear fusion, on the other hand, combines light atoms (*e.g.*, hydrogen isotopes) to produce energy, much like the sun.

The Mesa del Sol project being proposed by Pacific Fusion will involve the construction of a state-of-the-art facility fusion research facility, known as the Demonstration System, whose purpose shall be to demonstrate that it is possible to get more fusion energy output than stored energy at the input, *i.e.*, net facility gain. Demonstrating that net facility gain is possible through fusion is a key step in moving toward the construction of power plants whose energy can be generated by nuclear fusion and put carbon-free electricity on the power grid.

Nuclear fusion has several environmental benefits unlike its nuclear fission counterpart. These benefits included the following:

- 1. Minimal waste**

Nuclear fusion produces low-radioactivity waste which loses its radioactivity in decades, unlike nuclear fusion which produces high-level waste, like spent fuel rods, which loses its radioactivity in thousands of years. Further, nuclear fusion waste does not require deep geological storage which is a necessity for nuclear fission waste.

## **2. Abundant fuel supply**

The materials commonly used for nuclear fusion, such as deuterium (found in seawater) and tritium (produceable from lithium), are much more abundant than uranium, the mineral commonly used for nuclear fission.

## **3. Safety**

Nuclear fusion reactors, unlike their nuclear fission counterparts, cannot melt down or explode, *i.e.*, not prone to incidents like the Chernobyl Nuclear Power Plant. Further, nuclear fusion reactors only contain a limited amount of fuel at any given time, limiting potential damage to the environment.

## **4. High-energy yield**

Nuclear fusion reactions release three to four times more energy than nuclear fission reactions.

I firmly believe that Albuquerque, New Mexico, and not Fremont, California, is the best place to construct the Mesa del Sol project, which location is absent from any known fault lines for potential earthquakes. Albuquerque serves as the anchor of the New Mexico Technology Corridor, which boasts the highest concentration of national laboratories, *i.e.*, Sandia National Laboratories and Los Alamos National Laboratory, top-tier academic institutions within and nearby, *i.e.*, University of New Mexico, New Mexico Institute of Mining and Technology, and Central New Mexico Community College, and a significant research ecosystem in advanced science and energy. These create a rich innovation and talent ecosystem supportive of nuclear fusion economic development. In addition, Sandia National Laboratories is home to the Z-machine, a world-class pulsed power platform fundamental to Pacific Fusion's technical approach.

I also believe that Pacific Fusion is the right company to construct the Demonstration System and oversee the important work contained therein, and to help our country move toward the use of nuclear fusion as clean, abundant, and safe energy. In doing so, the Mesa del Sol project will provide several economic benefits to Albuquerque and the surrounding area, including the following:

### **1. Job creation**

The Mesa del Sol project is expected to create hundreds of jobs including those jobs specific to construction of the Demonstration System. Further, Pacific Fusion expects to permanently employ 150 people for the Demonstration System itself. Finally, growth of the local Albuquerque economy and the businesses contained therein will be stimulated by the addition of these 150 Demonstration System employees and their families.

**2. Support of local supply chains**

The Mesa del Sol project will help stimulate the already strong workforce development programs located in the State of New Mexico and bring forth the talent necessary for the Demonstration System and supportive companies and industry including those related to research and development.

**3. Increase Albuquerque's stature**

The Demonstration System will help elevate Albuquerque as a national hub for advanced technologies and clean energy.

In summary, I highly recommend that the Environmental Planning Commission for the City of Albuquerque support construction of the Demonstration System by Pacific Fusion, whose work that occurs therein will help move the United States toward the use of nuclear fusion in its energy plants which, in turn, will benefit our environment and economy on so many levels as noted above.