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To the Department of Human Resources,

While studying at The Pennsylvania State University, I have experienced a variety of team dynamics through engineering classes, entrepreneurial teams, and organizations on and off campus. For example, I am a Co-Founder of GreenTowers, a vertical greenhouse that utilizes aquaponics to bring nutritious food to urban areas. Working with Penn State students, I created the technical design and performed an in-depth feasibility study and economic model for the company. As a result, GreenTowers was awarded funding to build a prototype and continue to improve the product. The ability to work as an interdisciplinary team member is an attribute that I have made an effort to strengthen and would flourish in a company like Duke Energy.

In the Collegiate Wind Competition hosted by the DOE and NREL I worked with a team of Penn State Students to both develop a business plan and design a marketable micro-wind turbine to present at the Wind Conference in Las Vegas, Nevada. Designing and interpreting the designs of others has empowered me to be both productive and innovative in all of my work. In the same year, I have collaborated with Beisa Solar to evaluate and improve a heating system comprised of solar hot water and heat pump technology. By meeting the demands of Beisa and the Senior Project objectives as Team Leader, I have developed organizational and communication skills that allow me to manage the project to completion.

As a student in Energy Engineering in times of a rapidly changing renewable and non-renewable energy climate, I aspire to be current and informed by attending conferences such as the North-East Engineers Without Borders Conference, Energy Path Conference, and the 2013 World Energy Engineering Conference in Washington D.C. I have been a participant and leader in humanitarian organizations, design teams, and technology research and development. I strive to interact with other students and industry professionals in an endless mission to grow as a revolutionary engineer.

Sincerely,

A handwritten signature in black ink that reads "Kenneth J. Palamara Jr." The signature is written in a cursive, flowing style.

Ken Palamara