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FROM THE DESK OF JOSHUA RAZEE

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To Whom It May Concern:

I am writing this letter to be included in the minutes for the meeting about the proposed power plant on Wallum Lake Road. This proposed plant while on the surface seems like a good thing for our town, after some research I have determined it will in no way benefit Burrillville to have this very large power plant built.

It should be noted that I possess a Bachelors in Fire Science with a background in Mechanical Engineering and have been performing insurance inspections at industrial sites including power generation for 13 years. I have a unique perspective on plants of this size and larger, I have been inside turbine halls while they are operating and have seen the hazards that come with generating power. The amount of ambient noise is literally deafening, you are required to wear ear protection anywhere on a site to protect from hearing loss. While the noise levels that homes in the area will experience will not be that severe they are expected to be above what Burrillville allows for noise from industry. This will negatively affect the lives of everyone in the area of Wallum Lake Road and most of the community.

Plans are to tie into the Pascoag Utility water system that is already antiquated and having trouble meeting the demands of the area it services; there could arise an issue when the weather gets warm and the town wells are not as full. The plant will still need its cooling water and the people will still need water for their uses, so who will lose out when the well runs dry? I believe it will be the people of the town. Our water system that has been plagued with brown water issues and numerous leaks, it is likely not able to support a large user such as this power plant. They should not be allowed to use our water system.

The next issue is with the well that will be tapped for their cooling water contains MTBE from an underground gasoline tank leak years ago. When Exxon, another large corporation took advantage of the people of the town of Burrillville. This water will be pulled from the well and run through the plants cooling system then sent into our sewer system where it will eventually empty into the Clear River. The Clear River feeds many bodies of water in the state of Rhode Island including Narragansett Bay. Would the town of Burrillville then be responsible for the contamination of MTBE that could make it all the way to the ocean? What safeguards are in place to ensure that the plant will in fact clean the water before they expel it into our sewer system? They should not be allowed to use our sewer system.

I have some other concerns about the proposed plant that stem from property values and the destruction of a large area of wilderness. Most concerning is the three acres of wetlands that are supposed to be protected by DEM that will be filled in permanently to build this large gas fired turbine power plant. I have owned my house for 10 years and the value has finally climbed back up to a place where I could afford to sell and buy a larger house. If this plant is built the value of my home may go down and I won't be able to sell my house and purchase a larger home. The proposed plant is also in the area that I wanted to live, but now that this plant could be built on Wallum Lake Road, I will definitely not be looking for a home in that area. The increase in traffic for the construction as well as the traffic that will continue for the life of the plant is another concern of mine. This area is very rural and peaceful so to have large tanker trucks hauling fuel oil to the plant constantly when it is running on oil will certainly cause harm to our roadways and our way of life. In fact I have started thinking about moving to another town in Rhode Island or perhaps Connecticut after living here for 30

years. I cannot be the only one who is having these thoughts please consider this when making a decision on whether to allow this plant to be built.

There are many hazards associated with power generation and specifically gas fired turbines, such as compressor surge, combustor humming, high vibration, and rubbing due to differential thermal expansion. The origin of many combustion turbine failures can be traced to design deficiencies in compressor and turbine blades. Generally failure is caused by high-cycle fatigue when excessive vibration occurs, because the blade is being operated at a critical resonant frequency. There are no protective devices to detect this phenomenon; it must be eliminated in the design phase.

Turbines also need oil for lubrication this is generally mineral oil which has a flash point that is slightly higher than gasoline but when ignited burns with the same heat of combustion (22,000Btu/lb). The cause for an oil fire in a turbine oil system is usually mechanical failure which could be a fitting failure from excessive vibration as discussed earlier. Once a lube oil fire ignites it will continue for quite some time because the supply of oil cannot be shut down or the turbine will experience mechanical damage. This time for the turbine to slow down and the oil to be shut off can be over an hour for the size turbines that will be installed in this plant. Imagine the damage from a massive three dimensional fire, that is allowed to burn for over an hour, would cause.

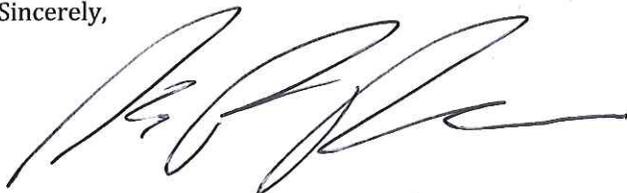
Transformers are a vital piece of any power generation facility and they are also a major hazard. These are filled with a mineral oil that cools the internal coils during operation, up to 10,000 gallons on a 100MVA transformer, however if the oil escapes because of an arcing and over pressurizing situation, it will ignite and cause a massive fire and explosion. This could be catastrophic for the plant and for the surrounding area.

The last hazard I want to discuss is the handling of ignitable liquids on the site, the plan is to have two 1,000,000 gallon fuel oil tanks that will allow the plant to switch to fuel oil during times of natural gas shortage. These large tanks are possibly the biggest cause for concern to the people who live near the plant. If one were to catch fire and explode the devastation would be immense; when liquids catch fire they will spread out over the area and create what is called a pool fire. In the case of this plant the pool would likely spill out of its containment and run to the lowest part of the site which would be the wetlands. Now the wetlands that should be protected are filled with thousands of gallons of burning fuel oil. Who will extinguish this blaze and clean up the contaminated ground and aquifer?

That leads me to the last point I want to make; is the Town of Burrillville's mostly volunteer fire department equipped and trained to handle any of the major hazards that come with a large power generation plant? I don't believe they are and so, who will equip them and train them? These are things that need to be considered before Invenergy is allowed to come to my town and destroy its natural beauty, its water, its air and the serenity that we all moved out here for in the first place.

I personally stand against this plant and do not want to see it built anywhere in Rhode Island especially my home town Burrillville. It is not necessary to meet the power demands of the state or the region and it will have no benefit to the tax payers.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joshua Razee', written in a cursive style.

Joshua Razee