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Mr. Don Eberts 7007 E 2713t St Freeman, MO 64746-6148

Memo

To: Missouri Public Service Commission Subject: Aquilla South Harper Plant

From: Don A. Eberle, PE

First I want to say I am a resident of Cass County and a customer of Aquilla. I grew up with coal oil lamps and no refrigeration or fans. After I was discharged from the Navy in 1946, my parents got power. It was a great thrill to be able to flip a switch and have light. People who experienced power from birth have no idea how valuable dependable power is in their lives.

Now, the Aquilla South Harper Plant has been targeted by uninformed judges and politicians to be torn down. This would be a travesty and terribly expensive. The cost of recovering and distribution of the salvage, the initial \$140 million and the site cleanup would eventually be added to our power bills.

This plant being a peaking plant would help restore power to local residents in case of an accident, malfunction or natural disaster affecting base load plants. The National power grid system has been revised to help eliminate the domino effect when a breakdown on one system dumps their load on an adjacent system who doesn't have the capacity to receive the additional load. Local people have a better chance of maintaining power with local plants.

All this isn't news to PSC Commissioners who I assume has experience with public utilities

I am a registered Professional Engineer who spent almost 35 years designing structural elements for power plants, mostly base load plants but a few peaking plants. I sat in on meetings with Mechanical and Electrical Engineers, Power Company representatives and financial advisors. I experienced discussions similar to the Aquilla problem in Cass County. According to recent news items, Cass county is the fastest growing county in the area. We will be needing more power.

One experience that illustrates a reason for building local plants. A west coast power company who was experiencing brown outs and rotating black outs, tried several times to get permission to build a power plant. Local residents objected so the power company got permission from Utah to build two 500 MW base load plants there. Consequently Utah got the taxes from the plant and furnished most of the employees. Another disadvantage of this setup was the power lost in transmitting that power hundreds of miles to the coast.

As for taxes in a situation in Oklahoma, a local school district with large power plant was able to build a concrete stadium for football while a school district 30 miles north used wooden bleachers,

Thank you for accepting this for support of keeping the Aquilla South Harper plant operational.

Don A. Eberle

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Hearing Exhibit No. _

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Reporter _____