

## **Comments regarding the Broadband Over Power Lines proposal, proceeding no. 03-104**

Respectfully submitted to the commission by Victor B. Rosenthal, August 12, 2003.

I am the holder of Amateur Radio Extra Class call sign K2VCO. I have been a licensed amateur radio operator since 1956, and formerly held a First Class Radiotelephone license.

On examining the results of the ARRL's (American Radio Relay League) recent evaluations of interference to Amateur Radio communications in the areas where BPL has been deployed on a test basis (technical data collected by the ARRL has been submitted by them to the commission), I am convinced that Amateur Radio as we know it (e.g., weak signal HF and lower VHF communication) would become impossible in areas where BPL is deployed.

The Amateur Service has traditionally stepped in to provide emergency communications in time of disaster, when commercial facilities are unavailable or overloaded. It has provided a reservoir of technically competent people who have been invaluable to the national defense. An industry has grown up supplying amateurs with equipment and supplies, and some amateurs have invested enormous amounts of time and money in their stations. The degree of interference that has been shown to be caused by BPL would in essence destroy the Amateur Service and render the investments of its licensees and suppliers worthless.

Whereas there are technically superior methods of providing broadband access (at higher speeds and with greater security) that do not create harmful interference to Amateur and other HF services, it seems to me that introducing BPL would create a significant hardship to the amateur community, both economic and in terms of utilizing the privileges granted to us as Amateur Radio Licensees, and would forestall progress in the deployment of technically better systems.

For this reason I urge the Commission not to permit the deployment of BPL.