To: The U.S. Federal Communications Commission
Washington, D.C. 20554

In the Matter of Inquiry Regarding Carrier Current Systems, including Broadband over Power Line Systems, ET Docket #03-104

The following comments are in support of (a) the position and documentation of BPL interference submitted to the FCC on July 7, 2003 by the American Radio Relay League and (b) the recommendations for rigorous technical studies of potential BPL interference to existing services submitted by the NTIA on August 13, 2003.

I am an Amateur Extra Class operator and station license holder, station callsign is W3RV. I have held Amateur Service licenses continuously for a half century. I have very significant personal stakes in widespread RF interference within the bandwidth proposed by the proponents of BPL. First from the standpoint of the value I place on my operating activities and protecting my my cash investments in ham radio equipment. Second and perhaps more importantly from the standpoint of my stake as a citizen in BPL interfering with critical government communications, e.g., those communications related to our homeland security.

In this vein the FCC might note the thinking and sequence of events which occurred when the NTIA commented on the FCC regulatory process and became instrumental in significantly scaling back the proposed scope of the recently-allocated 5 Mhz Amateur "band". That scaling back was based on the need of the government itself to minimize interference from hams in that particular portion of the RF spectrum which government agencies occupy.

Over the past few days I have been doing my own onsite qualitative survey of the implications of BPL interference across the 1-30 Mhz RF spectrum in the Emmaus PA BPL pilot area. I used a common HF ham underdash ham transceiver and a simple four foot whip antenna mounted in the center of the roof of my car for receiving interference tests at various points within the pilot area. This effort was basically a followup to the much more sophisticated studies at this site conducted previously by the ARRL as cited in their submission on the subject.

I listened on dozens of frequencies throughout the 1-30 Mhz range and almost everywhere I tuned the BPL signals buried the other users on those frequencies under interference. Including a number frequencies around 5 Mhz.

Without belaboring the details further and from what I have learned firsthand I am appalled by what BPL will do with respect to degrading if not completely destroying HF communications of all types if carried forward into commercial reality.

Please disallow powerline BPL in this country as your counterpart Japanese and Norwegian communications regulatory agencies have already done in their countries.

Brian Kelly
Holmes PA