

As a former broadcast engineer and First Class licensee, U.S. Air Force Electronics Specialist, and Amateur Radio Extra Class licensee, I wish to comment on the Commission's proposal to allow Broadband over Power Line (BPL) transmissions. Please understand that when you introduce an RF signal to a power line, the signal will not only be carried along the power line, it will be RADIATED. The power line(s) are going to act like one giant antenna system, interfering with licensed services on the frequencies at which they operate. This will not be incidental, low level interference, this will be (once the system is employed) widespread, high level interference. Power lines were designed to carry power; they were not designed to carry RF signals. They are unshielded. Those interests which are telling you otherwise are misinforming you. Studies and tests done in other countries, as well as our own, show that BPL, as currently proposed, causes harmful interference on the frequencies used. That is the bottom line. I urge you to reconsider your position on this matter. BPL has proven to cause harmful interference, and deploying this system will make the frequencies used in the HF bands virtually unusable. Thank you for your consideration. Maynard Raggio ARO N9PTG