

Having read many of the comments filed by industry concerning Broadband Over Power Line (BPL) as well as the American Radio Relay League (ARRL) submission, I must express my concern that BPL may cause Alaskans to be unable to communicate during our next big earthquake. If we have BPL in Alaska, amateur radio operators (hams) in cities with BPL will be unable to operate on the HF bands due to the extremely high interference caused by BPL. If we don't have BPL yet in Alaska but the cities in the Lower 48 do, then they will not be able to hear us as we call for help from Alaska. With BPL signal strengths often 20 dB over S-9 on our meter, it will be a rare signal that can be heard. The FCC in allowing BPL could conceivably be held responsible for deaths associated with the inability to communicate.

I have been involved in the Amateur Radio Service for 38 years and hold an Amateur Extra Class license. I am active in our local Amateur Radio Emergency Service. The practicality of allowing BPL is, in my opinion, the same as denying HF communication, Shortwave listening, Military HF communications, and any other type of HF communication. Emergency Communications will have been denied by the FCC.

Please notice that the Electric company filings make assertions of BPL not being a problem but they carefully do not provide any real data to back up those claims. They quote theoretical numbers and formulas but carefully avoid mentioning that the BPL system once installed translates to severe HF spectrum interference. The ARRL has been to the field and tested BPL in real life at the BPL test sites. In real life BPL causes HF to be unusable.

Please recall that HF signals propagate around the world. Once BPL is entrenched, the US will be the country that propagates BPL around the world interfering with even more HF communication. The FCC must not allow this.

I encourage the FCC to ask the Electric companies for real, verifiable data...insist on it. Read carefully what the ARRL comments have to say about what is real data for BPL. Do not authorize increased levels for BPL and if fact, consider that Part 15 devices should not be allowed to have long antennas, thousands of feet long, running all over neighborhoods unless they can be conclusively shown to not interfere with other legal, licensed services.

Sincerely

James H. Larsen, AL7FS