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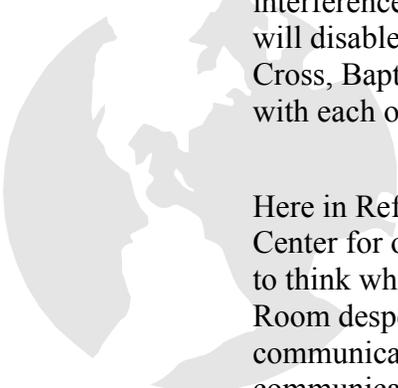
KD5UJX

June 7, 2004

RE: Proceeding # 03-104

Dear Sir or Madam:

In writing, I wish to dissuade the FCC from allowing the implementation of what is commonly known as "Broadband Over Power line" or BPL. I fear the destruction and/or deterioration of the Amateur and Broadcast bands. This will be violation of ITU laws that protect international broadcasters from harmful and malicious interference. It will destroy the "Service" part of the Amateur Radio Service. BPL will disable the ability of many Amateurs to help in case of a disaster. The Red Cross, Baptist Men's Kitchens, and FEMA will not have the ability to communicate with each other.



Here in Refugio County Texas, I am struggling to build a Radio Communications Center for our new EOC. (I am the new ARRL Emergency Coordinator) I shudder to think what BPL would do to our ability to communicate. We need this Radio Room desperately. Last years hurricane knocked out all public service communications in our county. We had four communities that could not communicate back to the Sheriff's Office. Had our EOC radio room been in operation, BPL could have wiped out that ability to communicate effectively. Emergency communications could have been hindered to levels directly responsible for the loss of life.

I urge you to reconsider the studies that have shown BPL harmful. Please check out the ARRL website (<http://www.arrl.org/tis/info/HTML/plc/#Video>)and hear for yourself what BPL can do to radio communications. The fact that several countries have banned implementation of BPL should be an alarm in your ears.

Please do not think that the BPL companies will handle complaints of interference with the same voracity that they will sell you on installing it. I have found power companies very slow to respond to interference problems. In the case of BPL, you will have to deal with two companies, the electric utility and the BPL provider. This will cause much confusion and a muted response in resolving the problem.

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June 7, 2004

Page 2

Finally, BPL would destroy the hobby of thousands of Amateurs, a life long hobby for so many. BPL will reduce Amateur radio to users of high-power amplifiers and large antennas. (Encouraging use of more than "legal limit" amplifiers, remember Citizens Band?)

Many technologies make BPL unnecessary. I live five miles from the nearest high speed "hard wire" internet connection, yet I have high speed internet through a 2.4GHz radio system in my small town. There is satellite, cable and DSL. BPL will never be able to carry the high bandwidth demands for mass distribution of video much less the up-and-coming HDTV.

Thank You,

William H. Albert
KD5UJX