

Dear FCC,

As an amateur radio operator, I'm very concerned with keeping a robust system of emergency communications for the benefit of the citizens of the United States.

My question about PLC and proposed changes to FCC rules Part 15 to allow intentional interference with communications in the 6 to 80 megahertz range by power companies providing broadband internet service is appalling.

My question is: Are the present FCC rules appropriate for PLC? When the Part 15 rules for radiated and conducted emissions were first enacted, they were designed primarily for systems whose emissions were expected to be limited to a relatively small local area. Electric motors and computers, for example, would generally only be detectable for hundreds of feet. Even a community carrier-current AM radio station would be limited in scope, perhaps to a college campus or similar area. Can these same rules fairly be applied to installations on wiring plants and emissions that will cover entire communities?

Should power companies be held accountable for harmful radiation to existing services from their proposed PLC service?

Shouldn't power companies have to prove that harmful interference will be mitigated as did cable TV and DSL services?

Please act to protect the Amateur Radio Service of the United States of America from what appears to be a serious threat to its usefulness as an emergency communication service for the country especially during time of increased need for national security at all levels.

Respectfully submitted,

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