

EDO Industries, Inc.

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March 24, 2004

Ms. Karen McCarthy
1436 Longworth Building
House Office Building
Washington, DC 20515

Dear Karen:

The Federal Communications Commission (FCC) is failing to provide technically correct guidelines for Broadband Internet service over Power Lines (BPL), and the direct feedback processes are not working. First, they are simply not listening. Second, they are defying worldwide test results and the science involved. The FCC is openly expressing bias, and **they have pre-decided** to make the wrong decision. They are being bought out by big money from the power industry on the issue of sending Internet service over power lines.

I am an analog system engineer with over 450 successful and documented projects completed in the civil and military markets. As a working communications consultant I am obligated to take the time and say the FCC is acting out of control and being influenced by the specialized attorneys that work this market. In the past, companies that I have worked for have benefited from this sort of flexible co-operation, but this is a huge worldwide radio communications debacle. There must be a way to demand reason and honest recourse. It seems we must ask the legislature to rein in a technical government organization that has lost all sense of it's technical responsibility.

The interference potential is out of limits by a 40 dB or a ratio of 10,000:1. The corporate optimism and promises of preventing interference to worldwide communications are actually false and will never be achieved. Additional power output is already being requested. Field Trials develop a life and become permanent. The Governments of Japan, Australia, most of Europe, etc. have all rejected it flatly. The military and FEMA oppose it, yet it still persists beyond all reason. This idea even violates international laws. The concept of an unlicensed Part 15 emitter is well documented and properly permitted by law in a localized environment, but on a scale where millions of these low power signals are concentrated, the effect is uniquely devastating and without precedence. The power line is not an acceptable Internet transmission line – it becomes an antenna for massive interference to licensed and vital radio communication services.

A great deal of additional third party documentation is available upon request. Can you as a member of congress help force intervention, or at least tell us how to direct our efforts? The communications community professionals are really pissed over this one !!!

Thank you.
Sincerely,
Don Reed