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May 6, 1975

Dr. Elliot Weinberg
Director of Research
Office of Naval Research
Arlington, Virginia 22217

Dear Dr. Weinberg:

With regard to quantum theory and "paraphysics," enclosed is a recent paper by Stapp at Lawrence Berkeley Laboratory which I find of interest. He disengages Bell's Theorem from the hidden variable arguments and emphasizes its basic implication that "no theory of reality compatible with quantum theory can allow spatially separated parts of reality to be independent," a result experimentally tested and confirmed in the experiments of, for example, Friedman and Clauser (Phys. Rev. Lett. 28, 938 1972). In the experiments of Friedman and Clauser we have the extreme form of confirmation which establishes on the microlevel of individual quantum events the existence of correlated space-like separated events, a phenomenon which our experiments indicate may be occurring on the macrolevel. It is of course a long way to bridge the gap between observations at the micro and macro level, but the argument that our observations are incompatible with physical laws in principle is definitely negated.

Hoping you find this interesting, I remain

Yours truly,

H. E. Puthoff PhD
Electronics and Bioengineering Laboratory

HEP:jls
Enc.