

From: Dan McCormick

To: Anthony Serafini

Date: March 30, 2004

Subject:

Experiment 0069-EX-PL-2004

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Message:

We recognize that this type of license is not ideally suited to the intended use. We are manufacturing an oil exploration device which uses RF energy to determine the resistance of potential oil bearing formations. The device is used down hole, perhaps 5000 to 15000 feet underground. In this use there is no possibility that any radiating energy will come to the surface. However during manufacture and calibration we need to operate the tool at our factory and it is this use that we are applying for the license. This tool is a product that we manufacture and hopefully we will continue to do so for a long time. We want to make sure we comply with any regulations that are appropriate and have frankly had difficulty in identifying the appropriate license type. After consulting with experts in this area an experimental license seemed to be the place to start. We would greatly appreciate any input you could provide if the FCC feels this type of license is not the appropriate.