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Federal Communications Commission
Office of Engineering & Technology
Washington, DC

Attn: Experimental Licensing Branch
Re: 0051-EX-PL-2004

You will find attached the electronic filing of the FCC Form 442, Application for a New Experimental Radio Station Authorization, with attachments. This request is for the operations on the APCO-25 channels in Montgomery County, VA. The purpose of these tests are to develop a new software tool which can more precisely predict the coverage of a system without being required to conduct actual field testing. This would assist in the reduction of costs and time for new or upgraded systems.

We will be working in close coordination of the operations between Lockheed Martin Corporation and the appropriate Public Safety Authorities in the operational regions. These agencies are in full cooperation and agreement with these tests, if successful, to help improve their coverage capabilities at reduced costs. Please see the attachment Exhibit "A" for complete explanation and details of the proposed operations and test.

Very Truly Yours,

Claude E. Wells
Corporate
Tech. Support Analyst