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November 24, 1999

HAND DELIVERY

Magalie Roman Salas, Esq.
Secretary
Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

**Re: FCC Form 442 Application of Northrop Grumman Corporation
for a New Experimental Radio Service Authorization.**

Dear Ms. Secretary:

On behalf of Northrop Grumman Corporation ("Northrop Grumman"), there is submitted herewith, on FCC Form 442, an application for a new experimental radio service authorization under Part 5 of the Commission's Rules. Northrop Grumman is applying for this new authorization in order to test and evaluate a new Weather Systems Processor and other service life extension programs that are under development.

Also enclosed are a FCC Form 159 and a check made payable to the "Federal Communications Commission" in the amount of \$45.00 to cover the requisite filing fee.

Any questions concerning this filing may be directed to the undersigned.

Respectfully submitted,



Lisa M. Fowlkes
Attorney for Northrop Grumman Corporation

Enclosures