

MARTIN MARIETTA COMMUNICATIONS SYSTEMS

TELECOMMUNICATIONS
POST OFFICE BOX 4908
BALTIMORE, MARYLAND 21220

September 14, 1993

Federal Communications Commission
Experimental Radio Service
P. O. Box 358320
Pittsburgh, PA 15251-5320

Attn: Office of Engineering & Technology
Frequency Liaison Branch

Re: New Station Application

You will please find enclosed one copy of the completed FCC Form 442, Application for a New Station Authorization in the Experimental Radio Service, with the required FCC Form 155 and FCC license processing fee, \$35.00, attached. This request is for a new research and experimentation program to study the effects of generated heat from "S Band" and "C Band" signals on antenna systems.

If you should have any technical questions relating to this application, please feel free to call **Michael Cucugliello** on (609) 722-6062. If you should have any other questions or problems relating to the application itself, please feel free to call the undersigned on (410) 682-0156.

Very Truly Yours,

Claude E. Wells
Corporate
Radio Frequency Specialist