



Facsimile

To: Carl Huie

From: Brett Wilson

Location:

Location: Corporate - Washington

Fax: (202) 418-1918

Fax: (703) 412-6811

Talk:

Talk: (703) 412-6635

Pages: 70 + Cover

Date: September 12, 1996

RE: Request for STA

Carl/Frank:

Attached is a request for STA for our materials testing activities in Tulsa. In May 1995, we obtained an STA for these activities. In November 1995, we filed an application for a two year license to cover these activities. That application, file no. 5015, is still pending and I have spoken to Frank about it several times. We are requesting an STA to cover these activities for the next six months or until the Experimental license is granted. I will send the fee for the STA to Pittsburgh as soon as I can have accounting cut a check. (Carl, check is in the mail for Tuesday's STA - thanks)

Please call if you have any questions.

Thanks,

Brett Wilson

A handwritten signature in black ink, appearing to read 'Brett Wilson', with a large, stylized flourish at the end.

The letters 'STA' written in a large, stylized, handwritten font.

Rockwell International Corporation
Washington Office
1745 Jefferson Davis Highway
Arlington, VA 22202-3475
USA



September 12, 1996

never filed; do not intend

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

Gentlemen:

Pursuant to Sections 5.202 and 5.56 of the Commission's Rules and Regulations, Rockwell International Corporation (Rockwell) hereby requests a Special Temporary Authorization (STA) to conduct materials testing using frequency modulated and unmodulated low power transmissions. On November 6, 1995, Rockwell filed an Application for New or Modified Radio Station Authorization under Part 5 of the FCC Rules on Form 442, file no. 5015-EX-PL-95, to conduct the materials testing operations specified below. The application is still pending. The materials tests described were previously operated under a STA, file no. S-1968-EX-95, call sign KS2XAU.

1. The applicant is Rockwell International Corporation, 1745 Jefferson Davis Highway, Arlington, VA 22202.
2. This STA is needed to allow immediate operation of several laboratory transmitters.
3. The type of operations are various materials testing experiments. Each of the experiments is described in Exhibit 1. No radiocommunications will take place under this STA.
4. The purpose of the operations is to test and discover properties of certain materials using unmodulated or frequency modulated low power transmissions. See Exhibit 1 for the specific purpose of each experiment.
5. Operations under this STA will be sporadic and non-continuous 24 hours a day from September 12, 1996 to March 12, 1997.
6. The STA is requested for a fixed experimental radio station.
7. Operations under the STA will be conducted at Rockwell's Facilities in Tulsa, Oklahoma, Latitude: 36 11 02 N; Longitude: 95 52 35 W.

8. The equipment to be used for each experiment is listed in Exhibit 1.
9. The frequencies requested for each experiment are listed in Exhibit 1.
10. The requested power levels for each experiment are listed in Exhibit 1.
11. The emission types for each experiment are listed in Exhibit 1.
12. Relevant antenna information for each experiment is included in Exhibit 1.

A form 159 is enclosed along with our check for \$45.00. It is requested that a date-stamped copy of this letter be returned to the undersigned. A duplicate copy of this letter and a stamped envelope are enclosed for this purpose.

Please direct any questions to Mr. Brett Wilson of this office on (703) 412-6635.

Respectfully submitted,



Linda C. Sadler
Manager, Regulatory Affairs

cc: Carl Huie, FCC
Frank Wright, FCC
Brett Smith, Rockwell
Marilyn Dunlap, Rockwell