

0135-EX-ST-2003

BOOTH, FRERET, IMLAY & TEPPER, P.C.

ATTORNEYS AT LAW

ROBERT M. BOOTH, JR. (1911-1981)
JULIAN P. FRERET (1918-1999)
CHRISTOPHER D. IMLAY
CARY S. TEPPER

AMY R. PEDERSEN*
*ADMITTED IN PENNSYLVANIA

7900 WISCONSIN AVENUE
SUITE 304
BETHESDA, MD 20814-3628

TELEPHONE: (202) 686-9600
FACSIMILE: (202) 686-7797
BFITPC@AOL.COM

SILVER SPRING OFFICE:
14356 CAPE MAY ROAD
SILVER SPRING, MD 20904-6011

TELEPHONE: (301) 384-5525
FACSIMILE: (301) 384-6384

March 13, 2003

Via Courier Service

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

Via Facsimile (202-418-1918) and Mail

Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Attention: Mr. Carl Huie (Room 7-A361) / Mr. Doug Young (Room 7-A332)

Re: Request for Special Temporary Authorization; Telex Communications, Inc.; Use of Certificated Wireless Intercom Equipment at Nuclear Facilities for Security Operations Near Reactors

Gentlemen:

This request for STA is made on behalf of our client, **Telex Communications, Inc.**, a manufacturer and provider of high quality wireless intercom and telecommunications equipment for Part 74 Broadcast Auxiliary and Part 90 Land Mobile use. The purpose of this letter request is to obtain special temporary authority to permit immediate, temporary use of certain Telex wireless headsets and intercom products within operating nuclear power facilities in the continental United States, pending Commission action on eligibility waivers for nuclear facility licensing in the United States to license and deploy these devices on a permanent basis. Any such operation of wireless intercom systems would be coordinated in advance with the applicable local Broadcast Auxiliary frequency coordinators.

The circumstances justifying this STA, for a period of 180 days, are as follows: Due to heightened security measures at United States nuclear facilities, Telex has been approached by large numbers, essentially a majority, of nuclear power plant facility operators desiring to obtain and deploy at those facilities secure (encrypted) audio wireless intercom devices for use inside a nuclear facility. The devices would be utilized for secure operations and security communications by employees at the nuclear facilities. There are approximately 65 nuclear power plants active in the

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United States at the present time, and the majority of those are interested in immediate deployment of secure wireless intercom systems. Attenuation of signals outside the reactor area would vary, but is in each case presumed to be very high. It is not anticipated that there will be any significant RF energy outside the grounds of the nuclear facility, since shielding of the transmissions by external walls will create substantial attenuation. There will be no use of these devices outdoors on the grounds of any facility. If it is necessary to provide to the Commission a list of the locations of these nuclear power plants, it is respectfully requested that such be allowed to be provided within 30 days of the grant of this STA, since assembling location information would be necessary, and that information is not in the possession of Telex at the present time.

Telex intends to seek an eligibility waiver contemporaneously, so that the devices can be licensed to each individual nuclear facility on a permanent basis. The Telex devices that would be utilized are each certificated for Part 74 operation, and in the case of one device, for Part 90 operation, but since most of the devices operate on unused television broadcast channels, they cannot be licensed other than to Part 74 eligibles. Nuclear power plants are not currently eligible to use Part 74 Low Power Auxiliary frequency allocations, nor to become licensed under Part 74.

The specifications of the devices are as set forth in the attached specification sheet, which also lists the FCC ID number of each device. Typically, as can be noted from that sheet, the power levels used are between 40 and 50 mW, and the antenna gain is not significant. Operation of each device will be as specified in granted certification applications for each device.

Inquiries or notifications during the STA period can be directed to this office, or to Mr. Mark Gubser at Telex, who can be reached at (402) 465-7036 (telephone), (402) 467-3279 (facsimile), or mark.gubser@telex.com (email). The mailing address for Telex Communications, Inc. is 8601 East Cornhusker Highway, Lincoln, NE 68505.

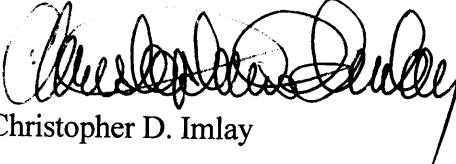
The original of this STA request is being filed in Pittsburgh with the requisite fee of \$50.00, payable by check of this office to the Commission. Copies of the check and the FCC Form 159 are attached as evidence of filing today.

Should any question arise concerning this request, kindly notify the undersigned counsel. Your prompt review of the instant request is greatly appreciated. Action on this request is urgent

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inasmuch as it will contribute substantially to Homeland Security planning and urgent increases in secure operations and security communications at nuclear power generating facilities.

Yours very truly,



Christopher D. Imlay

Attachments

cc: Mr. Mark Gubser