



Wireless Networks

October 8, 1997

Mr. Carl Huie
Frequency Liaison Branch
Federal Communications Commission
P.O. Box 358320
Washington, DC 20554

via Federal Express

Subject: Application for Experimental Radio Station Authorization
Under Part 5 of FCC Rules for Northern Telecom, Inc.
Wireless Training Centers located in Richardson, Texas and
Raleigh, North Carolina

Dear Mr. Huie:

Enclosed is an Application for a new Experimental Radio License from Northern Telecom, Inc. (hereinafter referred to as "Nortel") to permit training of Nortel's employees and customers in the operation and maintenance of equipment for proposed stations in existing services by persons engaged in the business of selling radio equipment.

Nortel has developed many wireless radio products for Licensed systems that span a wide range of services regulated by the Commission, including Cellular and PCS. Existing and new system operators of these cellular and PCS systems, require that Nortel train their employees in the operation and maintenance of these systems.

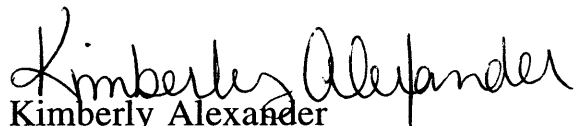
The Cellular and PCS systems to be used in support of this training will be located within Nortel facilities in Richardson, Texas and Raleigh, North Carolina. These facilities are designed exclusively for training Nortel's employees and customers on Nortel Products, and are not used for product development. The base stations are equipped with dummy loads in lieu of antennas. The low level of RF energy from the dummy loads permit the use of mobile terminals as part of the classroom training. This will allow Nortel's instructors to demonstrate call processing and fault isolation in a realistic environment, greatly enhancing the

quality of training provided to Nortel's employees and customers. The emissions at the property edge of Nortel's training facilities do not exceed field strength levels as specified in section 15.209(a).

In the event you should have any questions concerning this Application, please call me at (972) 684-7004. Should you desire to reach me by FAX, the number is (972) 685-3478. The original and two (2) copies of this Application and fee processing form with credit card payment has been sent by Federal Express to the FCC, c/o The Melon Bank, 3 Melon Bank Center, 27th Floor, Rm. 153-2713, 525 William Penn Way, Pittsburgh, PA 15259-0001, Attn.: Wholesale Lockbox Shift Supervisor, Phone (412)234-5494.

Please send the Experimental License to Mr. Raymond L. Strassburger, Director of Government Relations, Telecommunications Policy, Northern Telecom, Inc., 801 Pennsylvania Avenue, N.W., Suite 700, Washington, D.C. 20004; Phone (202) 347-4610.

Very truly yours,


Kimberly Alexander
Licensing & Research Specialist

Enclosure: Northern Telecom, Inc. License Request on FCC Form 442 with exhibits