

1/8/93

To: Mr. H. Franklin Wright
Frequency Branch Liaison Branch Chief
Federal Communications Commission
2025 M Street
Washington, DC, 20554

From: Charles Spann
BNR INC.
P. O. Box 833871
Richardson, Texas, 75083-3871 (214) 684-1723

Subject: Application for Special Temporary Authorization

Dear Mr. Wright:

Attached hereto is an application for Special Temporary Authorization (under Part 5.56 of the Regulations) on behalf of Bell Northern Research (BNR). BNR is the research and development subsidiary of Northern Telecom. BNR and Northern Telecom have approximately 22,000 employees in the United States and approximately 3,200 employees in Richardson, Texas, where the testing will be conducted with the Special Temporary Authorization. The microcell testing by BNR is for product development that will be used in future Northern Telecom communication products.

BNR requests Special Temporary Authorization for low-power, microcellular testing, using no more than seven cellular channels during any test period. BNR will coordinate its testing with the licensed cellular provider to avoid interference to licensed cellular services. Initially BNR will use seven cellular channels licensed to MetroCel. However, as the system needs of the existing licensed cellular provider may change from time to time, BNR is seeking Authorization flexibility to test in the full spectrum range assigned to both cellular providers in the Richardson, Texas, area. However, BNR will not use more than seven cellular channels at any one time, and BNR will coordinate its testing, and any change in channels, with the licensed cellular provider to avoid interference.

Attached hereto is a completed Form 405 with a Form 155 fee processing form.

The original of this Application, Form 405, Form 155, and BNR's \$35.00 check have been mailed to the Federal Communications Commission, c/o Mellon Bank, in Pittsburgh, Pennsylvania. A duplicate copy of this application with Form 405 is being submitted directly to the FCC as a courtesy.

Sincerely,



Charles L. Spann
Telecommunications Regulation Analyst