

Ronald C. Clark
Manager Real Estate Operations

Nextel Communications
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August 16, 1999

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Dear Chairman Gelston:

Enclosed please find an original and twenty copies of a request from Nextel Communications Inc.'s ("Nextel") to Modify an Exempt Tower and Associated Equipment at an existing telecommunications facility located at 751 Higgins Road in Cheshire, Connecticut. This facility is owned and operated by AT&T Communications and is currently used by several wireless carriers to provide system coverage to the area.

Nextel desires to make shared use of this facility to provide wireless system coverage to this portion of Cheshire, rather than have the need to possibly construct a new communications tower in the general area.

The enclosed notice and attached materials detail how the addition of Nextel's antennas and associated equipment at the tower site meet all of the criteria set forth in Section 16-50j-72(b)(2) of the Regulations of Connecticut State Agencies and therefore is an exempt modification pursuant to Section 16-50j-73 of the regulation.

Thank you for your consideration in this matter.

Respectfully,

A handwritten signature in black ink, appearing to read "Ronald C. Clark".

Ronald C. Clark
Manager Real Estate Operations

A large, stylized, blue ink stamp that reads "RECEIVED".

AUG 18 1999

CONNECTICUT
SITING COUNCIL

Enclosure

cc: Honorable Sandra R. Mouris, Mayor
Town of Cheshire

751 HIGGINS ROAD
CHESHIRE, CONNECTICUT

Pursuant to Section 16-50I(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Nextel Communications Inc., ("Nextel") notifies the Connecticut Siting Council of its intent to modify an existing telecommunications facility located on 751 Higgins Road in Cheshire, Connecticut. The facility is owned and operated by AT&T Communications.

BACKGROUND

The Higgins Road facility consists of a 250-foot self supporting lattice telecommunications tower that is shared by a number of other wireless communications carriers. The tower is associated with AT&T's underground Communications Command Center in Cheshire.

DISCUSSION

Nextel plans to install twelve (12) ALP model 9212 panel antennas center mounted at the 215-foot level of the 250-foot tower and install two (2) GPS receive-only antennas at the 60-foot level (see Attachment A). The tower is structurally capable of supporting these antennas and associated tower mounted equipment.

Nextel will install its associated radio equipment underground, inside a room within the AT&T Communications Center.

POWER DENSITY INFORMATION

On July 19, 1999, Omnipoint Communications submitted an Exempt Modification to the Siting Council for use of the Higgins Road facility (EM-OCI-025-990719). In this filing Omnipoint's "worst case" calculations revealed a combined power density level of 0.534 mW/cm², equating to 9.4318% of the State/Federal Standard. The addition of Nextel's antennas will, using "worst case" calculations, adds 0.0070 mW/cm², or 1.2334% of the standard applicable to Nextel's frequencies and bring the total combined power density level to 10.6652% of the State/Federal Standard.

CONCLUSION

The proposed addition does not constitute a “modification” of an existing facility as defined in Connecticut General Statutes Section 16-50I(d). The addition of Nextel’s equipment will not result in an increase in the tower’s height or extend the boundaries of the site. Further, there will be no increase in noise levels by six (6) decibels or more at the site’s boundaries and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22 (a) – 162 of the Connecticut General Statutes. In summary, this addition will not have a substantially adverse environmental effect.

For the reasons discussed above, Nextel respectfully requests that the Council acknowledge that this Notice of Modification meets the Council’s exemption criteria, and permit Nextel to share use of this facility.

ATTACHMENT A

