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July 1, 1999

Mr. Joel M. Rinebold Executive Director Connecticut Siting Council 10 Franklin Square New Britain, CT 06051

Re: Notice of Exempt Modification Siting Council Docket No. 137

South Windsor, Connecticut

RECEIVED

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CONNECTICUT SITING COUNCIL

Dear Mr. Rinebold:

Crown Atlantic Company LLC ("Crown") holds the Siting Council certificate for the existing telecommunications tower and related facility in South Windsor, Connecticut (Docket No. 137) by virtue of a certificate transfer from Bell Atlantic Mobile, approved by the Council on March 24, 1999. Crown intends to allow Nextel Communications, Inc. ("Nextel") to install antennas and related equipment at the existing facility in South Windsor. Please accept this letter as notification, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the South Windsor Town Manager, Matthew B. Galligan.

The existing facility consists of a 110-foot self-supporting monopole tower and related equipment located at 190 Burnham Street in South Windsor. This facility was approved by the Connecticut Siting Council on November 14, 1990. The tower currently supports antennas of Cellco Partnership d/b/a Bell Atlantic Mobile ("BAM").

Nextel plans to attach twelve (12) panel antennas at the 100-foot level on the tower and two receive-only GPS antennas at the 80-foot level on the tower. Nextel will install its equipment in BAM's existing equipment building at the base of the tower. (See Exhibit A.)

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The planned modifications to the South Windsor facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

- 1. The proposed modification will not increase the height of the tower. Nextel's antennas will be installed with a center line of approximately 100 feet above ground level. The enclosed tower profile included in <u>Exhibit A</u>, confirms that the planned changes will not increase the overall height of the tower.
- 2. The installation of Nextel equipment within the existing equipment building will not require an extension of the site boundaries.
- 3. The proposed modification to the facility will not increase the noise levels at the existing facility by six decibels or more. The only additional noise will be from heating, ventilation and cooling equipment for Nextel's equipment.
- 4. The operation of the additional antennas will not increase the total radio frequency (RF) power density, measured at the site boundary, to a level at or above the applicable standard. The "worst-case" RF power density calculation for a point at the site boundary would be 0.0564 mW/cm² (9.7% of the standard) for BAM antennas and 0.0317 mW/cm² (5.59 % of the standard) for Nextel antennas. The calculated "worst-case" power density for the combined operations at the site is 15.29% of the standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, Crown respectfully submits that the proposed addition of antennas and equipment at the South Windsor facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Kenneth C. Baldwin

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KCB/kmd

cc: Matthew B. Galligan, Town Manager

Ronald C. Clark, Nextel Communications, Inc. Christopher F. Ciolfi, Crown Atlantic Company

