



Peter J. Tyrrell
Senior Attorney

July 8, 1991

Mortimer A. Gelston, Chairman
Connecticut Siting Council
136 Main Street Suite 401
New Britain, Connecticut 06051

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CONNECTICUT
SITING COUNCIL

Dear Honorable Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities operated by Southern New England Telephone located on Loon Meadow Road in Norfolk, Connecticut. Springwich Cellular Limited Partnership (SCLP) and SNET Paging, Inc. (SPI) propose to add antennas to this site to be used in providing cellular telecommunications and paging services. This filing is similar to the May 2, 1991 filing by SCLP which was approved on May 13, 1991.

Attached is a page detailing the required information. As is shown in the attachment, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies, Section 16-50j-72(b)(2) and is thus an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for both SCLP and SPI in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Sincerely,

Peter J. Tyrrell

cc: Honorable Lyle D. Bruey, First Selectman, Town of Norfolk
Southern New England Telephone Company

NORFOLK

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, Springwich Cellular Limited Partnership (SCLP) and SNET Paging, Inc. (SPI) hereby notify the Connecticut Siting Council that they intend to modify an existing telecommunications facility by the addition of cellular and paging service antennas. The site is located on Loon Meadow Road, Norfolk, Connecticut.

DISCUSSION

The proposed additional antennas will not increase the overall height of the existing tower (see tower profile attached).

The power density in the point-to-point microwave, cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm²</u>			<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>		
SNET MW	1655	154.08	0.0000002	0.0	0.0000002	5.0	0.000004
Cellular	1655	142.09	0.0	0.1252454	0.1252454	2.933	4.27
Paging	1655	167.07	0.0	0.0201299	0.0201299	3.103	4.69

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed addition does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, 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. This addition will not have a substantially adverse environmental effect.

For the reasons discussed above, SCLP and SPI request the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

Norfolk, Connecticut

