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MAR 30 1987

CONNECTICUT  
SITING COUNCIL

March 30, 1987

Gloria Dibble Pond, Chairperson  
Connecticut Siting Council  
136 Main Street, Suite 401  
New Britain, Connecticut 06051

Dear Honorable Chairperson Pond:

Enclosed please find a Notice of Intent to erect exempt associated equipment for the Southern New England Telephone Company's proposed use of microwave antennas at the New London rooftop tower and SNET Cellular's East Lyme cell site. Fifteen (15) copies are included. Attached to each copy is one (1) copy of a diagram of the New London tower and one (1) copy of a diagram of the East Lyme monopole.

Please record my name as counsel for the Company in this matter and in correspondence from the Council.

Very truly yours,

*Peter J. Tyrrell*

Enclosures

1775M

LM - SCLP - 045 - 095 - 870330  
(temp)

• State of Connecticut  
Siting Council

Notice of Intent to Erect Exempt Associated Equipment

Pursuant to Sections 16-50j-71 to 73 of the Regulations of Connecticut State Agencies, the Southern New England Telephone Company ("SNET") a public service company specially chartered in the State of Connecticut with corporate headquarters at 227 Church Street, New Haven, Connecticut, and SNET Cellular, Inc. ("SNET Cellular"), a Connecticut corporation having its office at 555 Long Wharf Drive, New Haven, Connecticut, files its Notice of intent to erect exempt associated equipment ("Notice") for the temporary use of microwave antennas at the existing SNET New London rooftop tower and the existing SNET Cellular East Lyme monopole. These microwave antennas will be used by SNET to provide temporary telephone facilities to SNET Cellular. The addition of this associated equipment is exempt as a modification pursuant to Section 16-50j-72(b)(2 and 3) of the Regulations of Connecticut State Agencies.

SNET Cellular wishes to initiate full operation as rapidly as possible to meet the public need for cellular service in the area. Due to unavoidable delays in the provisioning of permanent telephone facilities to SNET Cellular's East Lyme cell site, SNET wishes to temporarily install microwave antennas at the cell site and in New London to provide short term service to connect the cell site to SNET's central office at 26 Washington Street in New London. SNET landline facilities are under construction to provide permanent telephone facilities to the general area of the cell site and is planned to replace the microwave service within six months. The microwave equipment will be removed from the cell site monopole and the New London tower at that time.

The microwave antenna to be temporarily installed at the East Lyme cell site is a single two-foot diameter dish antenna which will be mounted to the antenna platform at the top of the existing 150 foot monopole. The microwave antenna to be temporarily installed at the central office building in New London is a single four foot diameter dish antenna which will be mounted to the existing rooftop microwave tower at a height of 217 feet above ground level. Sketches of each antenna structure are attached showing the location of each microwave antenna. The height of either structure will not be increased. These changes will not extend the boundaries of the fenced or otherwise enclosed areas of the sites. Noise levels at the sites will not be increased by 6 decibels or more.

The maximum power density of the two microwave antennas are set forth below. All power densities have been calculated in milliwatts per square centimeter.

For East Lyme Cell Site's boundary:

Current Power Density	0.09846108
Added Power Density	0.00000008
Proposed Power Density	<u>0.09846116</u>

For New London Microwave Tower:

Current Power Density	0.00000670
Added Power Density	0.00000030
Proposed Power Density	<u>0.00000700</u>


The power density at each location will not be increased to or above 0.1 milliwatts per square centimeter.

Conclusion

For the above reasons, the Southern New England Telephone Company and SNET Cellular, Inc., respectfully have filed this Notice preparatory to erecting associated equipment on existing tower exempt by reason of Section 16-50j-72(b)(2 and 3) of the Regulations of Connecticut State Agencies.

Respectfully submitted,

The Southern New England Telephone Company  
SNET Cellular, Inc.

  
by Peter J. Tyrrell  
Their Attorney

