



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401  
New Britain, Connecticut 06051  
Phone: 827-7682

July 16, 1992

Peter J. Tyrrell, Esq.  
Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street, Room 1021  
New Haven, CT 06506

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower and associated equipment located at 500 Cooks Lane Road, Guilford, Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on July 15, 1992, the Connecticut Siting Council (Council) ruled that the proposed facility would not cause a significant change or alteration in the physical and environmental characteristics of the site for placement of 12 cellular antennas on an existing non-facility 180-foot high tower structure, and acknowledged your notice of intent to modify this existing non-facility tower and associated equipment located at 500 Cooks Lane Road, Guilford, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

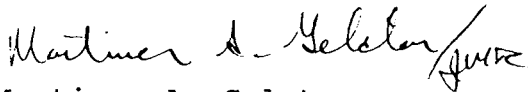
The proposed modifications are to be implemented as specified in your notice dated June 23, 1992. As proposed, the modifications are in compliance with the exemption criteria specified in RSA 16-50j-72 as changes to an existing non-facility site that do not increase the tower height, do not extend the boundaries of the tower site, do not increase noise levels at the tower site boundary by six decibels or more, do not add radio frequency sending or receiving capability which increases total frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State of Connecticut Department of Environmental Protection pursuant to section 22a-162 of the Connecticut General Statutes, and have received all municipal zoning approvals and building permits.

Peter J. Tyrrell, Esq.  
July 16, 1992  
Page 2

The Council is pleased to note that the shared use of an existing tower serves the Council's long-term goal of protecting the public interest by avoiding proliferation of additional tower structures.

Please notify the Council upon completion of construction.

Very truly yours,



Mortimer A. Gelston  
Chairman

MAG/TEF/cp

cc: Honorable Edward J. Lynch, First Selectman,  
Town of Guilford  
Mr. Samuel D. Bartlett, President  
Menuncketuck Communications Corporation  
Peter Van Wilgen, SNET

6258E

Southern New England Telephone  
227 Church Street  
New Haven, Connecticut 06510  
Phone (203) 771-7381



Peter J. Tyrrell  
Senior Attorney

June 23, 1992

RECEIVED

JUN 22 1992

CONNECTICUT  
SITING COUNCIL

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

Dear Honorable Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by Menuncketuck Communications Corporation located at 500 Cooks Lane in Guilford, Connecticut. Springwich Cellular Limited Partnership (SCLP) proposes to add antennas at this location in order to provide cellular telecommunications.

The attached pages detail 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 SCLP in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Peter J. Tyrrell".

Attachment

cc: Honorable Edward J. Lynch, First Selectman, Town of Guilford,  
Town Hall, 31 Park Street, 06437

Mr. Samuel D. Bartlett, President, Menuncketuck Communications  
Corporation, P. O. Box 656, Guilford, 06437-0656

GUILFORD-NORTH

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, Springwch Cellular Limited Partnership (SCLP), a company which provides cellular radio telecommunications service in the State of Connecticut, hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by adding cellular antennas on an existing 180 foot tower and occupying space in an existing equipment building. The site is located at 500 Cooks Lane, Guilford, Connecticut, off Route 77 in the North Guilford section of town.

DISCUSSION

The proposed antenna addition will consist of up to twelve (12) omni-directional and directional transmit and receive antennas to provide cellular mobile telecommunications service in New Haven County. Associated radio equipment will be installed within a portion of an existing building located adjacent to the tower, and thus located within the site boundary.

The antennas will occupy the space between the 135' and 165' levels of the tower, and will therefore not increase the overall height of the existing tower. There will be no noise generated during the normal operation of the SCLP cellular equipment. This cell site has been designed to properly interface with the adjacent cell sites in Middlefield and Guilford.

Attached are copies of the building permits issued for the building and tower by the Town of Guilford to the Bartlett Land Corporation, the owner of the land which Menuncketuck Communications Corporation leases for its building and tower site.

The power density of the cellular frequency band is shown below in units of milliwatts per square centimeter. The power density level has been calculated based on the cell site transmitting simultaneously on 56 voice channels at maximum power. SCLP will be the initial tenant on this tower.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY (12' FROM TOWER BASE) IN mW/cm<sup>2</sup></u>				
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>	<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
Cellular	448	152.47	0.0	0.13535	0.13535	2.933	4.61

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm<sup>2</sup>, respectively. The level demonstrated in this case is well below the standard level.

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, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

**TOWN OF GUILFORD**  
**BUILDING PERMIT — ZONING COMPLIANCE PERMIT**  
**SEWAGE DISCHARGE PERMIT — INLAND WETLANDS PERMIT**

Permit No. 91-09915  
 Fee Paid \$210.00  
 Date Issued 7/11/91

This building permit is issued pursuant to the Connecticut Building codes and is subject to the provisions thereof. It is issued on the basis of the application submitted and approved and is valid only for the work indicated in Item 4.

1. LOCATION Street: Cocks Lane Street No. 500  
 Assessor's Map No. 127 Assessor's Lot No. 1  
 Subdivision Name \_\_\_\_\_ Lot No. \_\_\_\_\_

2. OWNER: Name: Bartlett Land Corp.  
 Mailing Address: 564 Great Hill Road, Guilford, CT. 457-0314

3. TYPE OF CONSTRUCTION: NATURE OF WORK:  
 1: 2: 3: 4: 5  
 OCCUPANCY LOAD 0  New Construction  Repair  Rehabilitation  
 USE GROUP Commercial  Addition  Moving of Structure  
 Alteration  Demolition  Other

4. TYPE OF WORK: (This permit is valid only for boxes checked.)  
 Structural  Oil Burner  
 Electrical  Sewage Disposal (In accordance with Conn. State Public Health Code)  
 Heating and Ventilation  \_\_\_\_\_ gal. septic tank required.  
 Plumbing  \_\_\_\_\_ sq. ft. leaching area required.  
 Swimming Pool  \_\_\_\_\_ (Reserve seepage area equal to area used is required)  
 Other \_\_\_\_\_  
 Insulation  Water Conditioning  
45'x20' & 20'x25' Radio Building  
1,400 sq.ft.

Required building inspections are 1) temporary electrical service 2) footings 3) rough electrical, H.V.A.C., plumbing and framing 4) insulation 5) permanent electrical 6) final. Required sewage disposal inspections are 1) deep test pits 2) site preparation 3) leaching system inspection (upon receipt of an acceptable "as-built" plan.) Call 453-8029 to schedule inspections. 24 hour advance notice is required. There is an additional charge for the certificate of occupancy. \$10.00 payment must be made at the time request is made.

The following special conditions must be met:  
**To be constructed in accordance with ZSA approval 8/22/90 - M.W.McAvoy Zoning Officer**

This Permit is issued with a red field card which must be conspicuously posted on the site. Neither the Town of Guilford nor any authorized agents assume any responsibility for the construction or maintenance of any facility built under this permit.

Frank Esposito James A. Portley M. McAvoy  
*Building Official* *Town Engineer* *Zoning Enforcement Officer*  
*Inland Wetlands Officer*

BARTLETT LAND CORP. 500 COCKS LANE MAP NO. 127 LOT NO. 1

**TOWN OF GUILFORD**  
**BUILDING PERMIT — ZONING COMPLIANCE PERMIT**  
**SEWAGE DISCHARGE PERMIT — INLAND WETLANDS PERMIT**

Permit No. 91-10147  
 Fee Paid \$480.00  
 Date Issued 10/10/91

This building permit is issued pursuant to the Connecticut Building codes and is subject to the provisions thereof. It is issued on the basis of the application submitted and approved and is valid only for the work indicated in Item 4.

1. LOCATION Street: Cooks Lane Street No. 500  
 Assessor's Map No. 127 Assessor's Lot No. 1  
 Subdivision Name \_\_\_\_\_ Lot No. \_\_\_\_\_

2. OWNER: Name: Bartlett Land Corp.  
 Mailing Address: 564 Great Hill Road, Guilford, CT. (457-0314)

3. TYPE OF CONSTRUCTION: NATURE OF WORK:  
 1: 2: 3: 4: 5  
 OCCUPANCY LOAD \_\_\_\_\_  
 USE GROUP \_\_\_\_\_  
 New Construction  
 Addition  
 Alteration  
 Repair  
 Rehabilitation  
 Moving of Structure  
 Demolition  
 Other

4. TYPE OF WORK: (This permit is valid only for boxes checked.)  
 Structural  
 Electrical  
 Heating and Ventilation  
 Plumbing  
 Swimming Pool  
 Other \_\_\_\_\_  
 Insulation  
 Oil Burner  
 Sewage Disposal (In accordance with Conn. State Public Health Code)  
 \_\_\_\_\_ gal. septic tank required.  
 \_\_\_\_\_ sq. ft. leaching area required.  
 (Reserve seepage area equal to area used is required)  
 Water Conditioning  
Radio tower 180 ft. high

Required building inspections are 1) temporary electrical service 2) footings 3) rough electrical, H.V.A.C., plumbing and framing 4) insulation 5) permanent electrical 6) final. Required sewage disposal inspections are 1) deep test pits 2) site preparation 3) leaching system inspection (upon receipt of an acceptable "as-built" plan.) Call 453-8029 to schedule inspections. 24 hour advance notice is required. There is an additional charge for the certificate of occupancy. \$10.00 payment must be made at the time request is made.

The following special conditions must be met:

This Permit is issued with a red field card which must be conspicuously posted on the site. Neither the Town of Guilford nor any authorized agents assume any responsibility for the construction or maintenance of any facility built under this permit.

Frank Esposito  
 Building Official

Mark Damiani, Assistant  
 Town Engineer

M. W. McAvoy  
 Zoning Enforcement Officer  
 Inland Wetlands Officer

BARTLETT LAND CORP.  
 500 Cooks Lane Map No. 127 Lot No. 1