

# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401  
New Britain, Connecticut 06051-4225  
Phone: 827-7682

July 27, 1994

Peter J. Tyrrell  
Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street  
New Haven, CT 06510

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing non-facility telecommunications tower and associated equipment located at 864 Opening Hill Road in Madison, Connecticut.

Dear Attorney Tyrrell:

At a meeting held on July 26, 1994, the Connecticut Siting Council (Council) considered your notice of an exempt modification at an existing tower site at the North Madison Volunteer Fire Department on Opening Hill Road in North Madison, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

The modification is in compliance with exception criteria in RSA section 16-50j-72(c) as a change that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by 6 decibels, increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Section 22a-162 of the Connecticut General Statutes, and would not cause a significant change or alteration in the physical and environmental characteristics of the site. Municipal approval, in the form of a special exception permit and a building permit has been obtained, and therefore the Council acknowledges this project as an exempt modification under section 16-50j-72(c).

Very truly yours,

Mortimer A. Gelston  
Chairman

MAG/RKE/ss

cc: Honorable Thomas R. Rylander, First Selectman, Town of Madison, CT

SNET Cellular, Inc.  
555 Long Wharf Drive  
8th Floor  
New Haven, Connecticut 06511  
Phone (203) 553-7601



Barry F. Burke  
*Vice President-Operations*

July 5, 1994

**RECEIVED**  
JUL 5 1994

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

CONNECTICUT  
SITING COUNCIL

Dear Chairman Gelston:

On March 11, 1994 the Springwich Cellular Limited Partnership filed a Notice of Intent to Modify an Exempt Tower and Associated Equipment with the Council for a site at the North Madison Volunteer Fire Company at 864 Opening Hill Road, Madison, Connecticut.

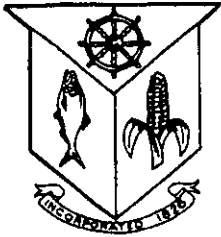
This Notice was acted upon and approved at the Council's meeting on March 30, 1994, subject to Springwich obtaining the necessary municipal approvals.

Attached are copies of the Special Exception Permit from the Planning and Zoning Office and the Building Permit received from the Town of Madison relative to Springwich's use of this location.

Springwich hereby requests final acknowledgment from the Council of its use of this site.

Very truly yours,

A handwritten signature in cursive script that reads "Barry F. Burke".



TOWN OF MADISON  
CONNECTICUT

LAND USE OFFICE

8 MEETING HOUSE LANE

MADISON, CONNECTICUT 06443 - 2691

(203) 245-5632

June 17, 1994

CERTIFIED MAIL

Peter W. van Wilgen  
Manager, Contracts and Docket Administration  
SNET Cellular, Inc.  
555 Long Wharf Drive, 8th Floor  
New Haven, CT 06511

Re: 864 OPENING HILL ROAD. Request for Special Exception Permit to install a one-story modular cellular equipment building next to the fire department communications tower. RU-1 Zone.

Gentlemen:

Following Public Hearing on June 16, 1994, the Planning and Zoning Commission approved the above-referenced application as presented.

Before this Special Exception Permit will be come effective, it is necessary to file a Certificate of Special Exception in the land records of the Town for which there is a \$10.00 filing fee. At your earliest convenience, please forward this amount to our office so that we may file this Certificate in your behalf. Your check should be made payable to the Town of Madison. \*

When this is filed at the end of the appeal period, you may apply for any necessary building permits following normal Building Department procedures.

Very truly yours,

William H. McMinn  
Planning and Zoning Administrator

\* Done by Petrus Corp  
6/21/94

:drk

Copy to Marshall F. BonTempo, Chief, No. Madison Volunteer Fire Company

FIELD COPY

TOWN OF MADISON  
8 MEETINGHOUSE LANE  
MADISON, CT 06443

# BUILDING PERMIT

DATE June 21 19 94 PERMIT NO. 16198

APPLICANT Petra Corp. ADDRESS 155 East St., New Haven, CT (CONTR'S LICENSE)

PERMIT TO construct 2-6' antennas on existing tower and construct equip. bldg NO. 1 STORY 1 NUMBER OF DWELLING UNITS 0

AT (LOCATION) 864 Opening Hill Road ZONING DISTRICT RU1  
BETWEEN \_\_\_\_\_ AND \_\_\_\_\_  
(CROSS STREET) (CROSS STREET)

SUBDIVISION No. Madison Fire Dept. LOT 17/18 BLOCK 134 LOT SIZE \_\_\_\_\_

BUILDING IS TO BE 12 FT. WIDE BY 26 FT. LONG BY \_\_\_\_\_ FT. IN HEIGHT AND SHALL CONFORM IN CONSTRUCTION

TO TYPE \_\_\_\_\_ USE GROUP \_\_\_\_\_ BASEMENT WALLS OR FOUNDATION \_\_\_\_\_ (TYPE)

REMARKS: \_\_\_\_\_

AREA OR VOLUME \_\_\_\_\_ ESTIMATED COST \$ 70,000.00 PERMIT FEE \$ 426.00  
(CUBIC/SQUARE FEET) MF 10.00

OWNER S.N.E.T. Cellular BUILDING DEPT. BY [Signature]  
ADDRESS 555 Long Wharf Dr., New Haven

FORM NO. BOCA-EP 1989



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401  
New Britain, Connecticut 06051-4225  
Phone: 827-7682

FILE  
COPY

April 8, 1994

Peter J. Tyrrell, Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street  
New Haven, CT 06510

VIA FACSIMILE

Re: Springwich Cellular Limited Partnership notice of intent to modify an existing non-facility telecommunications tower and associated equipment located on Opening Hill Road in North Madison, Connecticut.

Dear Attorney Tyrrell:

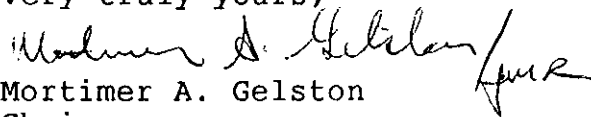
At a meeting held on March 30, 1994, the Connecticut Siting Council (Council) considered your notice of an exempt modification at an existing tower site at the North Madison Volunteer Fire Department on Opening Hill Road in North Madison, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

The modification is in compliance with exception criteria in RSA section 16-50j-72(c) as a change that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by 6 decibels, increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Section 22a-162 of the Connecticut General Statutes, and would not cause a significant change or alteration in the physical and environmental characteristics of the site. However, this proposal has not received all municipal approvals and permits, as required under RSA section 16-50j-72(c).

The Council strongly encourages the shared use of an existing tower to protect the public interest and avoid proliferation of additional unnecessary tower structures; however, this proposal must receive the necessary municipal permits before the Council can provide final acknowledgement of this action as consistent with State law and regulations.

Please notify the Council when these obligations are complete.

Very truly yours,

  
Mortimer A. Gelston  
Chairman

MAG:RKE:mmb

cc: Hon. Thomas R. Rylander, First Selectman, Town of Madison, CT 7787E

SNET Cellular, Inc.  
555 Long Wharf Drive, 8th Floor  
New Haven, Connecticut 06511  
Phone (203) 553-7615



Peter W. van Wilgen  
Manager-Contracts and  
Docket Administration

March 29, 1994

Mr. Robert K. Erling  
Senior Siting Analyst  
Connecticut Siting Council  
136 Main Street, Suite 401  
New Britain, CT 06051

**RECEIVED**  
MAR 29 1994

**CONNECTICUT  
SITING COUNCIL**

Dear Mr. Erling:

The following information addresses the exempt modification criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72(c), for towers classified as "non-facility" towers. Towers not owned by cable television, state or public service, or cellular companies fall within this category.

The tower in question is owned by the North Madison Volunteer Fire Company, one of two fire companies operating within the Town of Madison, both of which receive funding from the Town.

Proposed use of this location by the Springwich Cellular Limited Partnership (SCLP) will not extend the boundaries of the almost five acre site, as shown on the attached site plan. SCLP's use will increase neither the noise level nor the radio frequency power density at the sites' boundary, as described in our Exempt Modification filing for this location dated March 11, 1994.

If approval is received from the Council for use of this site, SCLP will obtain all necessary building permits and approvals prior to beginning any construction activities.

Thank you for the opportunity to clarify this matter. Should you require additional information, please feel free to contact me.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Peter W. van Wilgen".





Peter J. Tyrrell  
Senior Attorney

March 11, 1994

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

**RECEIVED**  
MAR 11 1994

**CONNECTICUT  
SITING COUNCIL**

Dear Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities owned and operated by the North Madison Volunteer Fire Company located on Opening Hill Road in North Madison, Connecticut.

The Springwich Cellular Limited Partnership (SCLP) proposes to add antennas to an existing lattice style tower and a small prefab equipment building to be used in providing cellular telecommunications services.

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.

Very truly yours,

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

Copy to: Honorable Thomas R. Rylander, First Selectman,  
Town of Madison, Town Hall, 8 Meeting House Lane,  
Madison, CT 06443

Richard Regan, President, North Madison Volunteer  
Fire Company, Opening Hill Road, Madison, CT 06443

Marshall F. BonTempo, Chief, North Madison  
Volunteer Fire Company, Opening Hill Road,  
Madison, CT 06443



**RECEIVED**  
MAR 11 1994

NORTH MADISON

**CONNECTICUT  
SITING COUNCIL**

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, the Springwiche Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by adding cellular service antennas to an existing lattice style tower and a prefab equipment building for the associated radio equipment. The site is located on Opening Hill Road in North Madison, Connecticut.

#### BACKGROUND

The proposed location is at the North Madison Volunteer Fire Company firehouse. Adjacent to the firehouse building is an existing 150 foot lattice style tower with a 15 foot whip style antenna on top used by the Madison Police Department, plus two additional antennas located at approximately the 110 and 125 foot levels of the tower used by the Fire Department. This structure was constructed in 1982 and provides police and fire department radio communications to the North Madison section of Town.

#### DISCUSSION

SCLP proposes to add two 6 foot tall omnidirectional cellular antennas at the 140 foot level of the tower in order to supplement its cellular coverage in the North Madison area and along nearby Routes 79 and 80. The proposed additional antennas will not increase the overall height of the existing tower nor will they be very visible from ground level.

The cellular equipment required to operate these antennas will be contained within a 12 foot x 15 foot prefab equipment building, which would be placed at the rear of the firehouse building. The cellular equipment building will be mostly hidden from view of the general public by the existing firehouse building.

The power density in the fire, police and cellular frequency bands is set forth below. The levels shown indicate the total power density in milliwatts per square centimeter, and have been calculated at a distance of 25 feet from the base of the tower.

<u>Service</u>	<u>Power Density</u>	<u>Connecticut Standard</u>	<u>Percent of Standard</u>
Fire	0.0109	0.2000	5.45
Police	0.0110	0.3023	3.64
Cellular	0.1493	0.5867	25.45

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation are shown above. The levels demonstrated in this case are well below the standard levels.

#### CONCLUSION

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 site. There will be no increase in noise levels at the site'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 requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.