



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

January 13, 1994

FILE  
COPY

Mr. 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 telecommunications tower and associated equipment located at 230 Guinea Road in Monroe, Connecticut.

Dear Attorney Tyrrell:

At a meeting held January 12, 1994, the Connecticut Siting Council (Council) acknowledged your notice of an exempt modification at an existing tower site located at 230 Guinea Road in Monroe, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modification is to be implemented as specified in your notice dated December 10, 1993. The modification is in compliance with the exception criteria in RSA section 16-50j-72(b) as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by 6 decibels, and 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.

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 and avoiding proliferation of additional unnecessary tower structures.

Please notify the Council when all work is complete.

Very truly yours,

Mortimer A. Gelston  
Chairman

MAG/fc

cc: Selectman Kenneth S. Heitzke, Town of Monroe  
7626E



Peter J. Tyrrell  
Senior Attorney

December 10, 1993

**RECEIVED**  
DEC 10 1993

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

**CONNECTICUT  
SITING COUNCIL**

Dear Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by the Springwich Cellular Limited Partnership (SCLP) located at 230 Guinea Road in Monroe, Connecticut. RAM Mobile Data proposes the attachment of two antennas to SCLP's existing lattice style tower and the addition of an associated radio equipment cabinet within an existing building. In addition, SCLP proposes an equipment upgrade to accommodate additional radio channels and a change from omni-directional to directional antennas for improved interference control.

Please record my name as counsel for the Springwich Cellular Limited Partnership 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".

Attachment

cc: Honorable Kenneth S. Heitzke, Selectman, Town of  
Monroe, Town Hall, 7 Fan Hill Road, Monroe, CT 06468

## MONROE

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 (Council) that it proposes to modify an existing telecommunications facility by the addition of two antennas to an existing lattice style tower and an associated radio equipment cabinet within an existing building, for RAM Mobile Data. In addition, SCLP proposes to increase the channel capacity from 45 to 56 channels and to change the antenna configuration from 13 foot omnidirectional to 4 foot directional antennas for improved interference control. The site is located at 230 Guinea Road in Monroe, Connecticut.

### DISCUSSION

RAM Mobile Data proposes to attach one 12 foot tall antenna and one 6 foot tall antenna at the 200 foot level of the existing 240 foot tower. This antenna will provide mobile data availability to RAM's customers within the greater Monroe area. In addition, RAM will place an associated radio equipment cabinet within a separate portion of an existing equipment building. There will be no outside work associated with this equipment installation.

The additional antennas will not increase the overall height of the existing tower.

The power densities for the three frequency bands are set forth below. The levels shown indicate the total power density in milliwatts per square centimeter, and have been calculated at a distance of 10 feet from the base of the tower.

<u>Service</u>	<u>Existing Power Density</u>	<u>(Decrease) Increase</u>	<u>Total</u>	<u>Connecticut Standard</u>	<u>Percent of Standard</u>
Cellular	0.0834*	(0.0230)	0.0604	0.587	10.29
Paging	0.0093	0.0000	0.0093	0.621	1.50
RAM Mobile	0.0000	0.0008	0.0008	0.624	0.13

(\* incorrect figure previously provided)

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 Exempt Modification meets the Council's exemption criteria.