



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

September 10, 1992

Mr. Barry F. Burke
Vice President-Operations
SNET Cellular, Inc.
555 Long Wharf Drive
New Haven, CT 06511

RE: Springwich Cellular Limited Partnership (SCLP) Notice of Intent to modify an exempt tower and associated equipment for facilities operated by SCLP located on Scott Road, East Lyme; and Miner Lane, Waterford, Connecticut.

Dear Mr. Burke:

At a meeting held on September 9, 1992, the Connecticut Siting Council acknowledged your notice of exempt modifications at the following existing tower sites operated by Springwich Cellular Limited Partnership:

Scott Road, East Lyme; and
Miner Lane, Waterford, Connecticut.

As proposed in your notice dated August 18, 1992, the modifications are in compliance with the exception criteria specified in Regulations of State Agencies 16-50j-72 for changes to the existing facility sites that do not increase the tower height, extend the boundary of the tower site, increase noise levels at the tower site boundary by 6 decibels, and add radio frequency transmitting capability which increases the total 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 existing towers meets the Council's long-term goal and the public interest to avoid proliferation of additional tower structures.

Very truly yours,

A handwritten signature in cursive script that reads "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/go

6422E

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



Barry F. Burke
Vice President-Operations

August 18, 1992

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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 for facilities operated by Springwichee Cellular Limited Partnership (SCLP). SNET Cellular, Inc., general partner of SCLP, proposes an equipment upgrade at some of the previously authorized cell sites located in the New London MSA (also referred to as NECMA). The upgrade will accommodate more channels and involve a change from omni-directional to directional antennas for improved interference control. On the monopoles, the directional antennas will be mounted on the platform in place of the radomes.

Attached are pages detailing the required information. As is shown in the attachments, the proposed changes meet all the necessary criteria established in the Regulations of Connecticut State Agencies, Section 16-50j-72(b)(2) and are thus exempt facilities pursuant to Section 16-50j-73.

Thank you for your cooperation.

Sincerely,

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

Attachments

cc: Honorable David L. Cini, First Selectman, Town of East Lyme,
Town Hall, 108 Pennsylvania Ave., P.O. Box 519, Niantic 06357

Honorable Anthony Sheridan, First Selectman, Town of
Waterford, Town Hall, 15 Rope Ferry Rd., 06385

EAST LYME

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) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Scott Road, East Lyme, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate 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 (20' FROM TOWER BASE) IN mW/cm²</u>				<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>			
Cellular	353	153.31	0.10020	0.03368	0.13388	2.933	4.56	
Paging	353	156.00	0.02271	0.0	0.02271	3.103	.73	

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 change 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 change 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.

WATERFORD

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) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Miner Lane, Waterford, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate 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 (9' FROM TOWER BASE) IN mW/cm²</u>				
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>	<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
Cellular	94	152.27	0.09846	0.03726	0.13572	2.933	4.63
Paging	94	160.25	0.02188	0.0	0.02188	3.103	.71

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 change 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 change 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.