

# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

Gloria Dibble Pond  
Chairperson

May 1, 1990

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Energy / Telecommunications

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Executive Assistant

Peter J. Tyrrell, Esq.  
SNET Cellular, Inc.  
227 Church Street  
New Haven, CT 06510

RE: SNET Cellular, Inc., Notice of Intent to Modify An  
Exempt Tower and Associated Equipment Owned by  
Tele-Media Company of Northeastern Connecticut in the  
Town of Ashford, Connecticut.

Dear Attorney Tyrrell:

At a meeting held on April 30, 1990, the Connecticut Siting Council acknowledged your notice of intent to modify an exempt tower and associated equipment owned by Tele-Media Company of Northeastern Connecticut located in Ashford, Connecticut, pursuant to Section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modifications are to be implemented as specified in you notices dated April 16 and 20, 1990. As proposed, the modifications are in compliance with the exception criteria specified in RSA 16-50j-72 as changes to an existing facility site that do not increase the tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary 6 decibels, and add radio frequency sending or receiving capability which increases 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 by avoiding proliferation of additional tower structures.

Please notify the Council upon completion of construction.

Very truly yours,

*Gloria Dibble Pond*

Gloria Dibble Pond  
Chairperson

GDP:JMR:bw

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



Peter J. Tyrrell  
Senior Attorney

April 16, 1990

RECEIVED

APR 18 1990

CONNECTICUT  
SITING COUNCIL

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

Dear Honorable Chairperson Pond:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by Tele-Media Company of Northeastern Connecticut located in Ashford, Connecticut by SNET Cellular, Inc. Twenty (20) copies are included.

Please record my name as counsel for SNET Cellular, Inc. in the matter and in correspondence from the Council.

Thank you for your kind cooperation.

Very truly yours,

A handwritten signature in cursive script that reads "Peter J. Tyrrell".

Enclosures

cc: Tele-Media Company of Northeastern Connecticut

Honorable Paula A. Faulkner, First Selectman,  
Town of Ashford

ORIGINAL RECEIVED

APR 18 1990

STATE OF CONNECTICUT  
SITING COUNCIL

CONNECTICUT  
SITING COUNCIL

NOTICE OF INTENT TO MODIFY AN EXEMPT TOWER  
AND ASSOCIATED EQUIPMENT

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies. SNET Cellular, Inc. (SNET) 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 tower. The site is located on Pumpkin Hill Road, Ashford, Connecticut. The location will be leased in part from its current owner and operator, Tele-Media Company of Northeastern Connecticut (Owner), and will be used in part as a cell site to provide cellular mobile telecommunications service in Windham County. The proposed modification would contain both transmit and receive antennas.

This application is made by SNET as SNET is the applicant before the FCC. The FCC will be asked to transfer the license for the proposed site to the Springwich Limited Cellular Partnership in the near future. At this time, SNET will also request the same transfer by this Council. SNET is in compliance with the FCC's rule in 47 CFR Section 22.43(d) as more fully set forth in the attachment here to.

DISCUSSION

The tower is located on the Owner's Land on Pumpkin Hill Road, Ashford. The proposed addition is needed to supply cellular service to the Ashford area by SNET Cellular, Inc. This cell site has been designed to properly

interface with the adjacent cell site in Tolland , Pomfret, Thompson, and Brooklyn. The proposed antenna addition consists of an equipment building (see attached plot plan) and up to six (6) cellular and two (2) Message Alert Service antennas. The antennas to be used will be mounted between the 190 and 217 foot levels of the existing 300 foot guyed cable television tower. From the ground the antennas will appear smaller and be difficult to see. The existing tower supports various cable television antennas. The maximum power density of the cellular facility is set forth below. It has been calculated in milliwatts per square centimeter.

<u>Location</u>	<u>Power Density</u> <sup>a</sup>
Tower Base	(proposed) 0.0765
Fence	0.0741
Nearest Building	0.0750

This addition does not increase the total power density measured at the tower site boundary to or above 2.933 milliwatts/sqcm .

In 1984 the Connecticut Legislature adopted the safety levels of the American National Standards Institute ("ANSI") in CGS Section 22a-162. The current ANSI power density level standard (for the cellular service band) for non-ionizing radiation is 2.933 milliwatts/sqcm (See ANSI Standard C95.1-1982). In this case the cellular power density figures are almost forty times less than the applicable standard.

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.

-----  
a The levels shown indicate the total power density in milliwatts per sq. cm. from all Cellular and message alert antennas measured simultaneously.

b The nearest building is the Owner's cable television building.

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. The total radio frequency electromagnetic radiation power density is below the State standard. This addition will not have a substantially adverse environmental effect pursuant Connecticut General Statutes, Section 16-50J-27(b)(2).

For the reasons discussed above, SNET Cellular, Inc. requests the Council to acknowledge that this Notice of Modification meets the Council's exemption criteria.

Sincerely,



Peter J. Tyrrell

Attachments

## Statement of Compliance

The Connecticut Siting Council ("Council") has requested SNET Cellular, Inc. ("SNET") to provide information demonstrating that it is eligible to construct the facilities proposed in the attached filing by virtue of compliance with 47 USC §22.43(d). SNET now meets the conditions set forth in 47 USC §22.43(d).

This regulation is applicable to SNET because it is the sole eligible wireline applicant to apply for an initial block B (wireline) authorization in a cellular market as indicated on the attached Public Notice (47 USC §22.43(d)(1)(V)). On October 5, 1989, the FCC issued said Public Notice listing SNET's applications as accepted for filing. More than ninety days have elapsed from the date of said Public Notice and the requirements of §22.43(d)(3) have been met. Said ninety day period expired on January 6, 1990.

Section 22.43(d)(3) sets forth certain conditions which prohibits the applicant from commencing construction. None of the conditions now apply to SNET. (1) The application is not mutually exclusive with another application as the FCC has indicated that SNET was the "sole wireline applicant". (2) There is no outstanding waiver request of the Commission rule pursuant to §22.19. (3) The application has not proposed any de minimus extension of a CGSA boundary beyond the border of the cellular market. (4) The applicant has not been required by the FCC to file a notice of proposed construction with the FAA nor has it

received a determination from the FCC as to any required antenna structure marking or lighting specifications. (5) None of SNET's applications have an FCC significant environmental effect.

(6) Pursuant to FCC rules the proposed facilities are not located within 45 miles of the Canadian border. (7) None of the proposed facility contours extended into Mexico.

Based upon the above description SNET has the authority to commence construction as of the date hereof in Windham and Litchfield Counties.



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
1919 M STREET N.W.  
WASHINGTON, D.C. 20554

0057

0671089

News media information 202/632-5050. Recorded listing of releases and texts 202/632-0002.  
Cellular Recorded Information 202 653-5858

## COMMON CARRIER PUBLIC MOBILE SERVICES INFORMATION

SOLE WIRELINE APPLICATIONS ACCEPTED FOR FILING IN  
CONNECTICUT 1 - Litchfield  
CONNECTICUT 2 - Windham  
MASSACHUSETTS 1 - Franklin

Report No. CL-90-5

October 5, 1989

The applicants listed below were the sole wireline applicants for the cellular markets shown. The applicants must file the original and two (2) hard copies of their application no later than October 16, 1989. See Section 1.4 of the Rules. The applications must be enclosed in stiff covers and fastened securely along the left edge without exposed sharp edges. Section 1.65 amendments must be filed no later than November 8, 1989. See Section 1.4 of the Rules. A File Number has been assigned to each application and any amendments or correspondence to be associated with any application must specify the File Number. Announcement of a date for petitions to deny will be by subsequent public notice.

No fee is required for the filing of the original and two hard copies, since the fee was paid when the microfiche applications were filed.

### Market No. 357 Connecticut 1 - Litchfield

SNET CELLULAR INC  
555 LONG WHARF DRIVE, ROOM 750, NEW HAVEN, CT 06511  
File No. 10745-CL-P-357-B-89  
Fee No. 9314323

### Market No. 358 Connecticut 2 - Windham

SNET CELLULAR INC  
555 LONG WHARF DRIVE ROOM 750, NEW HAVEN, CT 06511  
File No. 10746-CL-P-358-B-89  
Fee No. 9327514

### Market No. 470 Massachusetts 1 - Franklin

NEW YORK CELLULAR GEOGRAPHIC SERVICE AREA  
ONE BLUE HILL PLAZA, P O BOX 1567, PEARL RIVER, NY 10965-8567  
File No. 10747-CL-P-470-B-89  
Fee No. 9316212





FILE  
COPY

SNET Cellular, Inc.  
555 Long Wharf Drive  
Room 751  
New Haven, Connecticut 06511  
Phone (203) 553-7601

Donald R. Chapman  
Vice President-Operations

April 20, 1990

RECEIVED

APR 20 1990

CONNECTICUT  
SITING COUNCIL

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

Dear Chairperson Pond:

The following supplemental information, requested by the Council's staff, is provided to support the four Notices of Exempt Modifications submitted on April 18, 1990.

- Brooklyn - Three full size copies of the proposed site plan.
  - Original and twenty copies of the proposed tower profile.
  - On Wednesday evening, April 18, 1990, the Brooklyn Planning and Zoning Commission unanimously approved the site plan submitted herewith for the addition of our equipment building. No resident spoke in opposition of our proposal. This information can be confirmed by Ms. Karen Johnson, Town Planner, on 779-3411. Application for a building permit will be made upon receipt of the zoning decision notice.
  
- Thompson - Three full size copies of the proposed site plan.
  - Original and twenty copies (reduced) of the site plan.
  - Original and twenty copies of the building permit dated December 5, 1989 for our equipment building.
  
- Ashford - Three full size copies of the proposed site plan.
  - Original and twenty copies (reduced) of the site plan.
  - Original and twenty copies of the building permit dated December 6, 1989 for our equipment building.

Bridgeport - The SNET building at 430 John Street, Bridgeport, has been an existing radio/tower location since 1966. It is both a Federal Aviation Administration (FAA) and Federal Communications Commission (FCC) approved and recognized tower structure. Located on the roof of the building is a 40' self supporting tower which currently has two microwave horn and one 12' microwave dish antennas mounted at the top.

This tower was originally designed as a repeater location to accommodate two antennas, plus a small amount of spare capacity. In approximately 1982, the third antenna was added to the structure, bringing the tower to its maximum loading capacity. A complete rebuilding of the entire tower structure (and possible interruption of the existing heavily used SNET microwave services at this location) would be required to permit SNET Cellular the ability to add any additional load to the tower.

Were the tower strong enough to support the cellular antennas, they would have to be located below the existing microwave antennas, and the southeast and southwest antenna signals would be blocked by the wall of the existing penthouse.

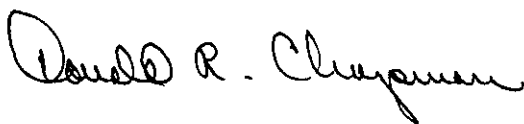
The penthouse roof, which is 7' below the top of the tower, is the proposed location of the cellular antennas. This location provides a clear signal path in the southern direction. The northern direction would not be obstructed by the tower because of the antennas' relative positions on the roof, the azimuth of the antennas and as the tower is a lattice style structure, it will not markedly obstruct the cellular signals.

The cellular antennas would be supported on 4" pipes mounted to the inside surface of the penthouse walls. The mounts would extend approximately 4' above the wall, and the overall height of the mounts plus antennas would not extend above the existing tower.

A profile sketch of the roof, tower, penthouse and cellular antennas is attached to this letter.

Also enclosed are five copies of the revised site plan portion of the Docket 124, Lisbon, D&M plan, showing the grading slope from the roadway to be 2:1 in accordance with the Connecticut Guidelines for Erosion and Sediment Control, as required in the Council's Staff Report dated April 9, 1990 and approval letter dated April 10, 1990.

Sincerely,



TOWN OF ASHFORD  
DEPARTMENT OF BUILDING INSPECTION  
APPLICATION FOR BUILDING PERMIT AND PLAN EXAMINATION  
TELEPHONE NO. 429-8433

002340

- # 553
- Location of building PUMPKIN HILL ROAD Map \_\_\_\_\_ Blk. \_\_\_\_\_ Lot. \_\_\_\_\_
  - Owner TELE-MEDIA COMPANY OF NORTHWESTERN CT  
Address PO BOX 280, SOUTH WINDHAM CT 06266
  - Applicant SNET CELLULAR, INC. (SOUTHERN NEW ENGLAND TELE)  
Address RM 7ND, 555 LONG WIND DR, NEW HAVEN CT 06511 Phone 563-7615
  - Electrical Contractor \_\_\_\_\_ ADDRESS \_\_\_\_\_
  - Plumbing Contractor NONE REQD ADDRESS \_\_\_\_\_
  - Heating/Cooling Contractor \_\_\_\_\_ ADDRESS \_\_\_\_\_
  - Gen. Contractor THOMAS CORP., VERNON CT ADDRESS \_\_\_\_\_

- Type of Improvement ADDITION OF 12' X 26' EQUIPMENT BUILDING  
AT TELE-MEDIA CATV TOWER SITE  
PER SITE PLAN
- Proposed Use EQUIPMENT FOR CELLULAR MOBILE TELEPHONE SVC

- Type of Sewage: Private NONE Public \_\_\_\_\_ Number of Bedrooms \_\_\_\_\_ No. of Baths \_\_\_\_\_
- Type of Water Supply: Private NONE Public \_\_\_\_\_
- Principal Type of Frame: Wood \_\_\_\_\_ Concrete X Steel \_\_\_\_\_ Other \_\_\_\_\_
- Type of Heating System: ELECTRIC
- Fireplace or Woodstove: NONE
- State Driveway Permit \_\_\_\_\_ Town Driveway Permit EXISTING DRIVEWAY
- Zone RA
- Soils Classification \_\_\_\_\_
- Flood-Zone Area N/A

Construction Cost: 38,000

Permit Fee: 105 Ck. No. 3392

Raymond C. Murphy 12/6/89  
Approved by Zoning Officer Date

Tom Bellman 12/6/89  
Approved Building Official Date

THE OWNER OF THIS BUILDING AND THE UNDERSIGNED  
AGREE TO CONFORM TO THE CONNECTICUT  
STATE BUILDING CODE AND TO  
NOTIFY THE BUILDING OFFICIAL OF ANY  
CHANGES IN PLANS FOR WHICH THIS PERMIT  
IS REQUESTED.

Raymond C. Murphy 12/6/89  
Signature of Applicant Date

MANAGER-RON ESTER, SNET CELLULAR INC.  
LICENSE NO. \_\_\_\_\_

\_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

\_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

353 Pumpkin Hill Road.

# BUILDING PERMIT TOWN OF ASHFORD

NO. 2340

Telemedia Comp. Owner

SNET CELLULAR BLDG OWNER

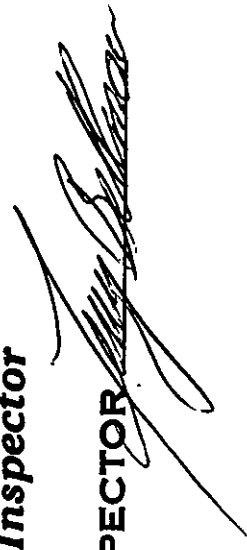
-INSPECTIONS-	
FOOTINGS	DATE
FRAME	DATE
PLUMBING	DATE
ELECTRICAL	DATE
HEATING	DATE
OCCUPANCY	DATE

**This Permit Must Be Attached to or in Front of Building**

**To Be Removed Only By Building Inspector**

DATE 12-6-89

BUILDING INSPECTOR





SNET Cellular, Inc.  
555 Long Wharf Drive  
Room 751  
New Haven, Connecticut 06511  
Phone (203) 553-7601



**Donald R. Chapman**  
*Vice President-Operations*

RECEIVED  
OCT 31 1990

CONNECTICUT  
SITING COUNCIL

October 31, 1990

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

Re: Notice pursuant to Regulations of State Agencies 16-50j-73  
intent to modify an exempt telecommunications tower and  
associated equipment owned by Tele-Media Company of North  
Eastern, CT in the town of Ashford, Connecticut.

Dear Chairperson Pond:

As requested in your letter of acknowledgement dated May 1, we are  
pleased to notify the Council of completion of construction at this  
facility.

Very truly yours,

*Donald R. Chapman*