



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

April 3, 1998

Peter J. Tyrrell
Senior Counsel
Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, CT 06067-3900

Re: Southern New England Telephone Company (SNET) notice of intent to modify an existing telecommunications facility located at Moses Mountain in Danbury, Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on April 2, 1998, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Danbury, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated March 16, 1998. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies 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 six 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 General Statutes § 22a-162. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

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

Mortimer A. Gelston
Chairman

MAG/RKE/sg

c: Honorable Gene F. Enriquez, Mayor, City of Danbury

Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
Peter J. Tyrell
Senior Counsel

RECEIVED

MAR 19 1998

CONNECTICUT
SITING COUNCIL

March 16, 1998

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Dear Chairman Gelston:

Enclosed is a Notice of Intent to Modify an exempt telecommunications tower and associated equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) at Moses Mountain, in Danbury, Connecticut.

The proposed modification is the addition of a single whip style receive-only paging antenna and base station equipment for Destineer/SkyTel. The top of the proposed antenna will be below the top of the existing tower. No changes will be made to the tower structure. The base station equipment will be housed inside the existing equipment building.

The attached pages detail the required information for this location. As shown in the attachments, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72 (b) (2), and is an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for SNET in this matter and in all correspondence from the Council.

Thank you in advance for your cooperation.

Sincerely,

Peter J. Tyrell

Copies to:

Mayor Gene F. Eriquez
City Hall
155 Deer Hill Ave
Danbury, CT 06810

Moses Mountain Danbury, Connecticut

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 Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding a single receive-only paging antenna as specified below to an existing communications tower. This antenna will be owned, operated and maintained by SkyTel/Destineer. Associated communications hardware will be located in SNET's existing shelter. The site is located in Danbury, Connecticut (C.S.C. site # 67).

Background

The proposed modifications are at the site of a self-supporting 65 foot communications tower on Moses Mountain. Both the structure and the tower are owned and operated by SNET. The tower was formerly used as a microwave tower for SNET's telecommunications network, and is currently used by a variety of users as indicated below on the power density chart.

Discussion

Destineer/SkyTel Inc. proposes to install one (1) 10 foot omnidirectional receive-only whip type antenna which will be installed "upside down". The highest point of the antenna will measure 50 feet above grade and the lowest point (the "tip") of this antenna will be at 40 feet (see attached sketch). The power density this antenna contributes at this site is zero (0), as this is a receive-only antenna. The purpose of this antenna is to serve the paging requirements in the vicinity of Moses Mountain. The make and model number of this receive-only antenna is a Scala OGB9-900N, omnidirectional whip. The paging frequency is 901.225 MHz.

Below is a power density chart which represents calculated existing and proposed non ionizing radiation levels. The levels shown indicate the total power density in milliwatts per square centimeter. These levels have been calculated at both the tower base, and at the site boundary.

<u>Service</u>	<u>Power Density @ Site Boundary</u> mW/cm ²	<u>Power Density @ Tower Base</u> mW/cm ²	<u>Top of Antenna Height</u>	<u>CT/ANSI Standard</u> mW/cm ²	<u>% of Standard @ Site Boundary</u>
SCLP (SNET Mobility)	0.2624	.269	64'	0.5867	44.7
Page-Net Inc.	0.1622	.167	59'	0.6206	26.1
TMRS	0.01158	.01748	65'	0.303	3.8
State Police 1	Negligible	.0004711	61'	4.47	0.0105
2	Negligible	.0008375	47'	4.47	0.0188
3	0.018423	.016301	59'	0.577	3.19
4	0	.0000000	45'	0.549	0
5	0.01423	0.016301	59'	0.577	2.4
6	0	.0000000	45'	0.549	0
WRNN (RX Only)	0	0	50'	0	0
Personal Vision (Receive Only) (Shelter Roof)	0	0	58' 53' 15'	0 0 0	0 0 0
WRNN	0.00044	0.00044	50'	1.32	0.033
Destineer/SkyTel	0.1137	0.1141	50'	0.6206	18.3
Destineer/SkyTel (New)	0	0	40'	0	0
Totals	0.582973	0.6019306	----	----	98.55%

The current Connecticut (and ANSI/IEEE) power density level standards, for non-ionizing radiation, are shown above. The levels identified in this case are below the standards. These calculations conform to the procedures described by FCC OST Bulletin No. 65.

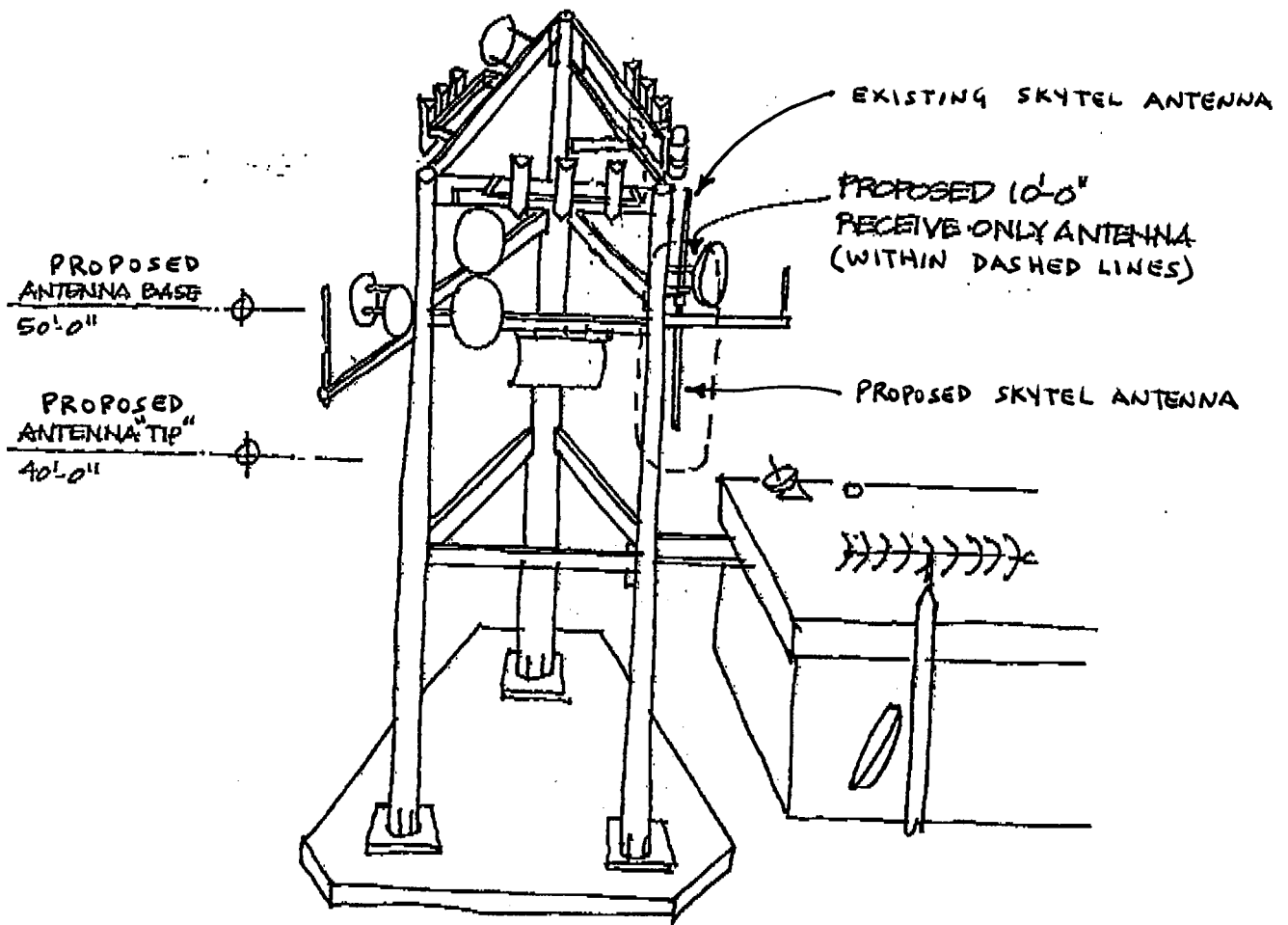
Conclusion

The proposed addition does not constitute a “modification” of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in the power density. There will be no increase in noise levels at the site’s boundary by six (6) 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 environment effect.

For these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council’s exemption criteria.

A handwritten signature in blue ink that reads "Peter J. Synell". The signature is written in a cursive style with a large initial "P" and a stylized "J".

ANTENNA LOCATION DIAGRAM MOSES MTN-DANBURY, CT



CSO SITE #67

MOSES MTN TOWER
DANBURY, CT

SCALE: NTS

DATE: 2.24.98

02/24/98 TUE 15:57 FAX 2034263620
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

6861 NE
REVISTER



**SNET MOSES MT. - DANBURY TOWER
LOCATION MAP
USGS MAP 100%
CSC SITE # 67**



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

October 14, 1997

Peter J. Tyrrell
Senior Counsel
Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, CT 06067-3900

Re: Southern New England Telephone Company (SNET) notice of intent to modify an existing telecommunications facility located at Moses Mountain in Danbury, Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on October 8, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Danbury, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated September 17, 1997. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies 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 six 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 General Statutes § 22a-162. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65. Please note that this facility is close to exceeding these levels. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

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

Mortimer A. Gelston
Chairman

MAG/RKE/mmb

c: Honorable Gene F. Enriquez, Mayor, City of Danbury



Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
Peter J. Tyrrell
Senior Counsel

September 17, 1997

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RECEIVED

SEP 19 1997

CONNECTICUT
SITING COUNCIL

Dear Chairman Gelston:

Enclosed is a Notice of Intent to Modify an exempt telecommunications tower and associated equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) at Moses Mountain, in Danbury, Connecticut.

The proposed modification can be generally described as the addition of single whip style antenna and base station equipment for Destineer/SkyTel. The top of the proposed antennas will be below the top of the existing tower. No changes will be made to the tower structure. The base station equipment will be housed inside the existing equipment building.

The attached pages detail the required information for this location. As shown in the attachments, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72 (b) (2), and is an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for SNET in this matter and in all correspondence from the Council.

Thank you in advance for your cooperation.

Sincerely,

Copies to:

Mayor Gene F. Enriquez
City Hall
155 Deer Hill Ave
Danbury, CT 06810

Moses Mountain Danbury, Connecticut

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 Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding a single antenna as specified below to an existing communications tower. This antenna will be owned, operated and maintained by Skytel/Destineer. Associated communications hardware will be located in SNET's existing shelter. The site is located in Danbury, Connecticut (C.S.C. site # 67).

Background

The proposed modifications are at the site of a self-supporting 65 foot communications tower on Moses Mountain. Both the structure and the tower are owned and operated by SNET. The tower was formally used as a microwave tower for SNET's telecommunications network, and is currently used by a variety of users as indicated on the power density chart.

Discussion

Destineer/SkyTel Inc. proposes to install one (1) 9 foot omnidirectional transmitter whip type antenna, which highest point at the tip of the antenna will measure 59 feet above grade. Lowest point of this antenna will be at 50 feet. The power density this antenna contributes at this site is tabulated below. Additionally, a 0.75 meter receive only satellite dish and a 4 x4 x1 inch GPS receive antenna will be mounted on existing site structures near the roof of the equipment shelter. The only Destineer/SkyTel antenna charted below is the transmit antenna mounted at 50 feet above grade, as this is the only Destineer/SkyTel antenna that contributes to the power density at this site. The purpose of these antenna are to serve the paging requirements in the vicinity of Moses Mountain. The make and model number of the transmit antenna is a Scala OGB9-900, omnidirectional whip or equivalent. The paging frequencies used are in the 931 mHz paging band.

Below is a power density chart which represents calculated existing and proposed non ionizing radiation levels. The levels shown indicate the total power density in milliwatts per square centimeter. These levels have been calculated at both the tower base, and at the site boundary.

<u>Service</u>	<u>Power Density @ Site Boundary mW/cm²</u>	<u>Power Density @ Tower Base mW/cm²</u>	<u>Top of Antenna Height</u>	<u>CT/ANSI Standard mW/cm²</u>	<u>% of Standard @Site Boundary</u>
SCLP (SNET Mobility)	0.2624	.269	64'	0.5867	44.7
Page-Net Inc.	0.1622	.167	59'	0.6206	26.1
TMRS	0.01158	.01748	65'	0.303	3.8
State Police 1	Negligible	.0004711	61'	4.47	0.0105
2	Negligible	.0008375	47'	4.47	0.0188
3	0.018423	.016301	59'	0.577	3.19
4	0	.0000000	45'	0.549	0
5	0.01423	0.016301	59'	0.577	2.4
6	0	.0000000	45'	0.549	0
WRNN (RX Only)	0	0	50'	0	0
Personal Vision	0	0	58'	0	0
(Receive Only)	0	0	53'	0	0
(Shelter Roof)	0	0	15'	0	0
WRNN (Proposed)	0.00044	0.00044	50'	1.32	0.033
Destineer/SkyTel	0.1137	0.1141	50'	0.6206	18.3
Totals	0.582973	0.6019306	-----	-----	98.55%

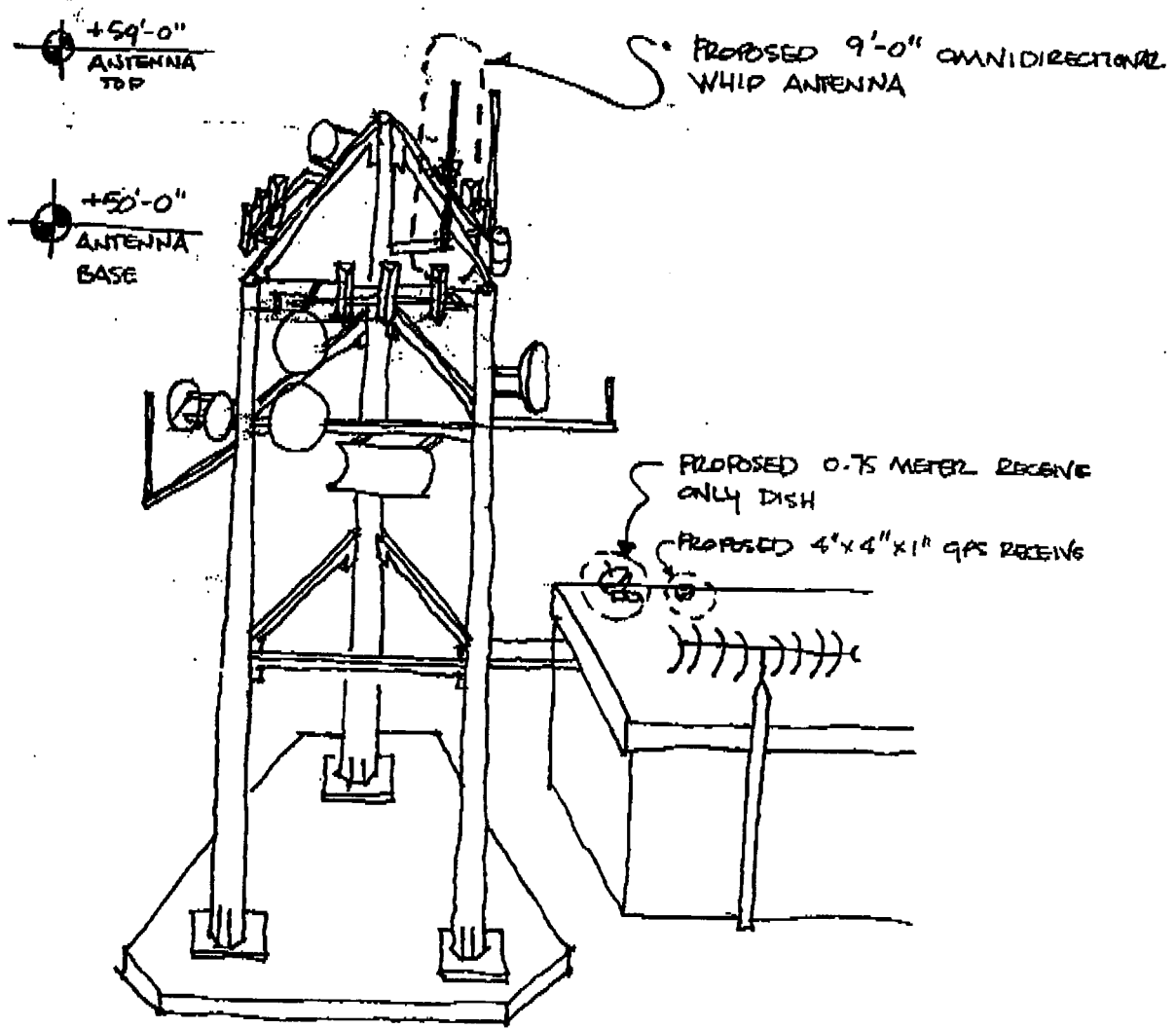
The current Connecticut (and ANSI/IEEE) power density level standards, for non-ionizing radiation, are shown above. The levels identified in this case are below the standards. These calculations conform to the procedures described by FCC OST Bulletin No. 65.

Conclusion

The proposed additions do not constitute a “modification” of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site’s boundary by six (6) 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 environment effect.

For these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council’s exemption criteria.

MOSES MOUNTAIN - DANBURY, CT.
 ANTENNA LOCATION DIAGRAM

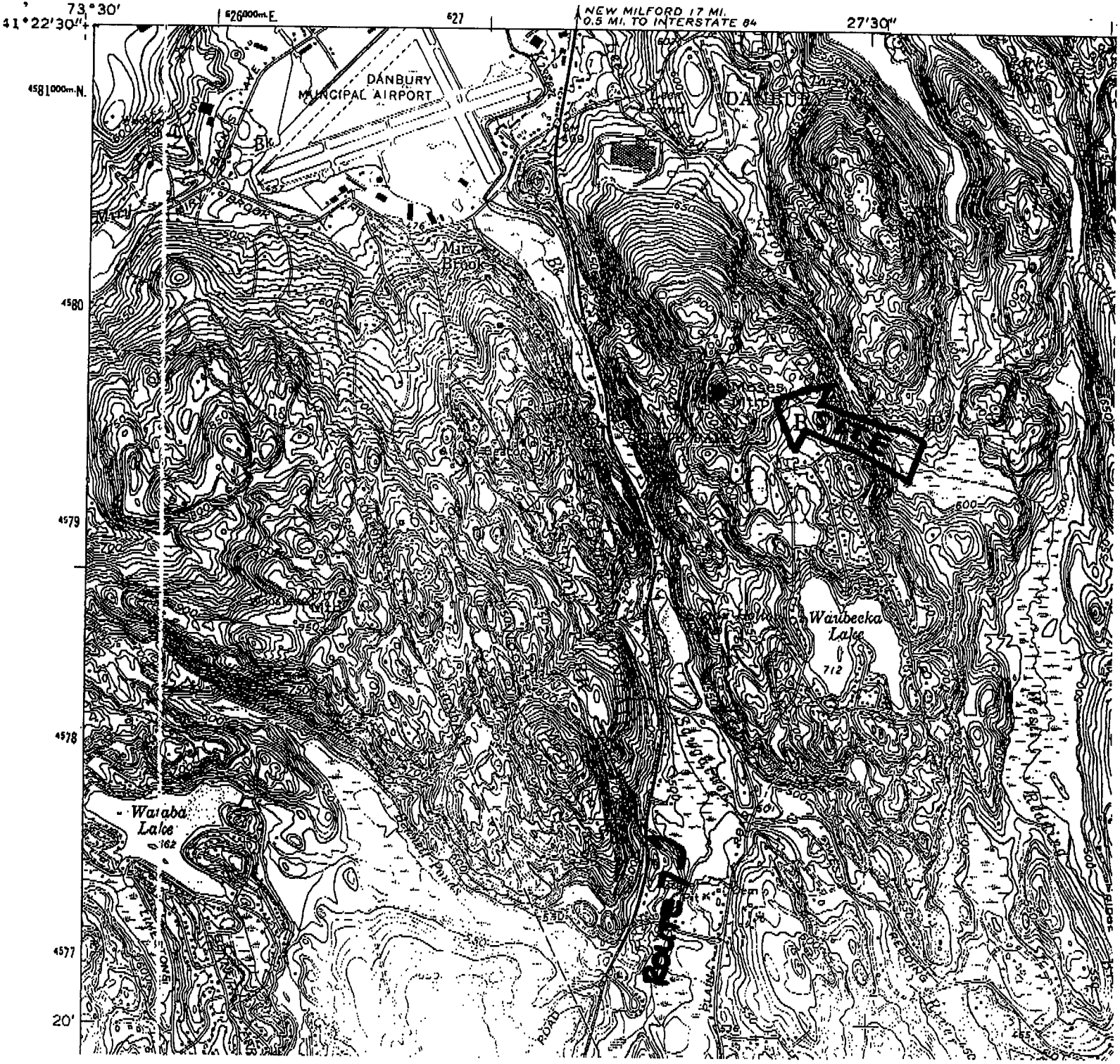


DRAWING NTS
 DATE 9-5-97 - REVISED
 7-30-97
 CSC SITE #67

2361 (REV)
NEWSTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

3



**SNET MOSES Mt. - DANBURY TOWER
LOCATION MAP
USGS MAP 100%
CSC SITE # 67**



Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
Peter J. Tyrrell
Senior Counsel

September 15, 1997

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

RECEIVED

SEP 19 1997

CONNECTICUT
SITING COUNCIL

Dear Chairman Gelston,

Re: WRNN Associates L. P. Connecticut Siting Council Amendment

The attached page details the changes to the chart of the notice of intent to Modify an Exempt Tower and Associated Equipment for facilities submitted to the Connecticut Siting Council on August 20, 1997 for facilities owned and operated by the Southern New England Telephone Company (SNET) at Moses Mountain, in Danbury, Connecticut.

Please record me as counsel for SNET in this matter and in all correspondence from the Council.

Thank you in advance for your cooperation.

Sincerely,

Copies to:

Mayor Gene F. Enriquez
City Hall
155 Deer Hill Ave
Danbury, CT 06810

Enclosure: Copy of August 20, 1997 WRNN Associates L. P. proposed modification

<u>Service</u>	<u>Power Density @ Site Boundary mW/cm²</u>	<u>Power Density @ Tower Base mW/cm²</u>	<u>Top of Antenna Height</u>	<u>CT/ANSI Standard mW/cm²</u>	<u>% of Standard @Site Boundary</u>
SCLP (SNET Mobility)	0.2624	.269	64'	0.5867	44.7
Page-Net Inc.	0.1622	.167	59'	0.6206	26.1
TMRS	0.01158	.01748	65'	0.303	3.8
State Police	1 Negligible	.0004711	61'	4.47	0.0105
	2 Negligible	.0008375	47'	4.47	0.0188
	3 0.018423	.016301	59'	0.577	3.19
	4 0	.0000000	45'	0.549	0
	5 0.01423	0.016301	59'	0.577	2.4
	6 0	.0000000	45'	0.549	0
WRNN (RX Only)	0	0	50'	0	0
Personal Vision	0	0	58'	0	0
(Receive Only)	0	0	53'	0	0
(Shelter Roof)	0	0	15'	0	0
WRNN (Proposed)	0.00044	0.00044	50'	1.32	0.033
Totals	0.469273	0.4878306	-----	-----	80.25%



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

September 11, 1997

Peter J. Tyrrell
Senior Counsel
Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, CT 06067-3900

Re: Southern New England Telephone Company (SNET) notice of intent to modify an existing telecommunications facility located at Moses Mountain in Danbury, Connecticut.

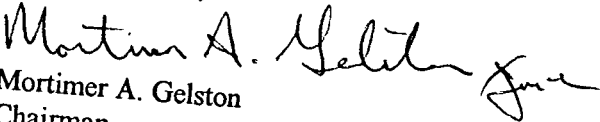
Dear Attorney Tyrrell:

At a public meeting held on September 10, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Danbury, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated August 20, 1997, and additional information dated September 5, 1997. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies 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 six 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 General Statutes § 22a-162. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

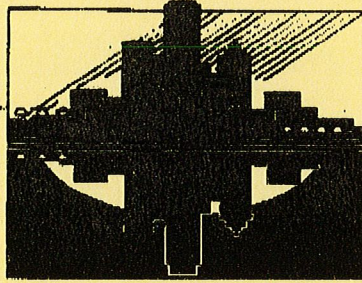
Thank you for your attention and cooperation.

Very truly yours,


Mortimer A. Gelston
Chairman

MAG/RKE/ss

c: Honorable Gene F. Enriquez, Mayor, City of Danbury



SNET Real Estate
4 Hamilton Street - 2nd Floor
New Haven, CT 06511

→ Urgent ←

FACSIMILE COVER SHEET

DATE: 9/8/97

TO: Bob Urling / CT. Siting Council

Fax #: (860) 827-2950

Phone #: _____

NUMBER OF PAGES INCLUDING COVER: 2

FROM: Chandler Montgomery / Ram / Trammell Crow
Mike Clarkson / Jeff Randolph

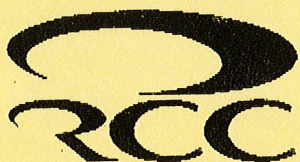
Fax #: (203) 865-3549

Phone #: (203) 771-2622

RE: WRNN Power Density Calculations

COMMENTS:

<u>Service</u>	<u>Power Density @ Site Boundary mW/cm²</u>	<u>Power Density @ Tower Base mW/cm²</u>	<u>Top of Antenna Height</u>	<u>GT/ANSI Standard mW/cm²</u>	<u>% of Standard @Site Boundary</u>
SCLP (SNET Mobility)	0.2624	.269	64'	0.5867	44.7
Page-Net Inc.	0.1622	.157	59'	0.6206	26.1
TMRS	0.01158	.01746	65'	0.303	3.6
State Police	1 Negligible	.0004711	81'	4.47	0.0105
	2 Negligible	.0008375	47'	4.47	0.0188
	3 0.018423	.016301	59'	0.577	3.19
	4 0	.0000000	45'	0.549	0
	5 0.01423	0.016301	59'	0.577	2.4
	6 0	.0000000	45'	0.549	0
WRNN (RX Only)	0	0	50'	0	0
Personal Vision	0	0	58'	0	0
(Receive Only)	0	0	53'	0	0
(Shelter Roof)	0	0	15'	0	0
WRNN (Proposed)	0.00044	0.00044	50'	1.32	0.033
Totals	0.469273	0.4679306	---	----	80.25%



F A X

TO: BOB URLINE
FROM: MIKE CLARSON
DATE: 9/5/97

PAGES: 3

If you have not received all pages, please call 732-404-2400.

COMMENTS:

ATTACHED ARE THE CORRECTIONS AND
BACKUP INFO ON THE SNET MOSES
MOUNTAIN CSC APPLICATION FOR
WRNN'S APERATURE ANTENNA.

RCC Consultants, Inc.

100 Woodbridge Center Drive • Suite 201 • Woodbridge, New Jersey 07095-1125 • tel (732) 404-2400 • fax (732) 404-2556

<u>Service</u>	<u>Power Density @ Site Boundary mW/cm²</u>	<u>Power Density @ Tower Base mW/cm²</u>	<u>Top of Antenna Height</u>	<u>CT/ANSI Standard mW/cm²</u>	<u>% of Standard @Site Boundary</u>
SCLP (SNET Mobility)	0.2624	.269	64'	0.5867	44.7
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TMRS	0.01158	.01748	65'	0.303	3.8
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1	Negligible	.0004711	61'	4.47	0.0105
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5	0.01423	0.016301	59'	0.577	2.4
6	0	.0000000	45'	0.549	0
WRNN (RX Only)	0	0	50'	0	0
Personal Vision	0	0	58'	0	0
(Receive Only)	0	0	53'	0	0
(Shelter Roof)	0	0	15'	0	0
WRNN (Proposed)	0.00044	0.00044	50'	1.32	0.033
Totals	0.469273	0.4878306	---	---	80.25%

Bob: Above is the modified table for the SNET Moses Mountain application to add an aperture antenna for WRNN.

This should resolve the questions you had regarding the totals. You were correct as to the errors, but the source was due to having alpha characters in the column. The other change made to the table was recalculating the percentages based on radiation at the boundary. While the column is labeled percentage at the boundary, the values used in the calculation were the more conservative base of tower values. This reduces the proposed calculated percentage by almost 4%. There were NO changes in the calculated power density at either the tower base or site boundary from any previously CSC approved emitter.

You may notice that the values in the site boundary column are the same or higher than the base of tower values. While this is not normally the case, some aperture antennas have a higher ERP in the direction of the boundary.

Also corrected was the missing decimal point typo in the CT/ANSI standard column on the new WRNN row.

Included are the backup calculations for the proposed WRNN antenna.



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

August 22, 1997

Peter J. Tyrrell
Senior Counsel
Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: Southern New England Telephone notice of intent to modify an existing telecommunications facility located at Moses Mountain in Danbury, Connecticut.

Dear Attorney Tyrrell:

As I reported to you on August 22, 1997, your notice of intent to modify an existing tower located at Moses Mountain in Danbury, Connecticut contains some errors in the calculated power density levels contained in the table on page 2 of your filing.

These errors need to be corrected before the Council can act on this proposal.

Please call me or Bob Erling to identify where and how these errors can be corrected.

Thank you for your attention.

Very truly yours,


Joel M Rinebold
Executive Director

JMR/ss

FAXED

8/22/97



Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
Peter J. Tyrrell
Senior Counsel

August 20, 1997

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

RECEIVED

AUG 20 1997

CONNECTICUT
SITING COUNCIL

Dear Chairman Gelston,

Enclosed is a notice of intent to Modify an Exempt Tower and Associated Equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) at Moses Mountain, in Danbury, Connecticut.

The proposed modification can be generally described as the addition of single point to point type microwave antenna and base station equipment for WRNN Associates L.P. The top of the proposed antennas will be below the top of the existing tower and existing antennas. No changes will be made to the tower structure. The base station equipment will be housed inside the existing equipment building.

The attached pages detail the required information for this location. As shown in the attachments, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72 (b) (2), and is an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for SNET in this matter and in all correspondence from the Council.

Thank you in advance for your cooperation.

Sincerely,

Copies to:

Mayor Gene F. Enriquez
City Hall
155 Deer Hill Ave
Danbury, CT 06810

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 Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding a single antenna as specified below to an existing communications tower. This antenna will be owned, operated and maintained by WRNN. Associated communications hardware will be located in SNET's shelter. The site is located in Danbury, Connecticut (C.S.C. site # 67).

Background

The proposed modifications are at the site of a self-supporting 65 foot communications tower on Moses Mountain. Both the structure and the tower are owned and operated by SNET. The tower was formally used as a microwave tower for SNET's telecommunications network, and is currently used by a variety of users as indicated on the power density chart.

Discussion

WRNN proposes to install one (1) 2 foot x 3 foot directional aperture type antenna, which highest point at the tip of the antenna measures 52 feet above ground. The purpose of the antenna is to provide remote pick up service to relay audio and video back to WRNN's main studio in Kingston, NY. The make and model number of the antenna is a Conifer model 25T-2127, operating between 1990 and 2100 MHz. This Antenna is less than 5 pounds, and has a negligible impact on the structural integrity of this tower.

Below is a power density chart which represents calculated existing and proposed non ionizing radiation levels. The levels shown indicate the total power density in milliwatts per square centimeter. These levels have been calculated at both the tower base, and at the site boundary.

<u>Service</u>	<u>Power Density @ Site Boundary mW/cm²</u>	<u>Power Density @ Tower Base mW/cm²</u>	<u>Top of Antenna Height</u>	<u>CT/ANSI Standard mW/cm²</u>	<u>% of Standard @Site Boundary</u>
SCLP (SNET Mobility)	0.2624	.269	64'	0.5867	45.8%
Page-Net Inc.	0.1622	.167	59'	0.6206	26.9%
TMRS	0.01158	.01748	65'	0.303	5.7%
State Police	1 Negligible	.0004711	61'	4.47	0.0105%
	2 Negligible	.0008375	47'	4.47	0.0188%
	3 0.01423	.016301	59'	0.577	2.825%
	4 0	.0000000	45'	0.549	0%
	5 0.01423	0.016301	59'	0.577	2.825%
	6 0	.0000000	45'	0.549	0%
WRNN (RX Only)	0	0	50'	0	0%
Personal Vision	0	0	58'	0	0%
(Receive Only)	0	0	53'	0	0%
(Shelter Roof)	0	0	15'	0	0%
WRNN (Proposed)	0.00044	0.00044	50'	132	0.033%
Totals	0.46508	.45348	-----	-----	84.11%

The current Connecticut (and ANSI/IEEE) power density level standards, for non-ionizing radiation, are shown above. The levels identified in this case are below the standards.

This represents the maximum exposure for the operation of these facilities at the closest publicly accessible point. A ground reflection coefficient was NOT used for the proposed WRNN antenna

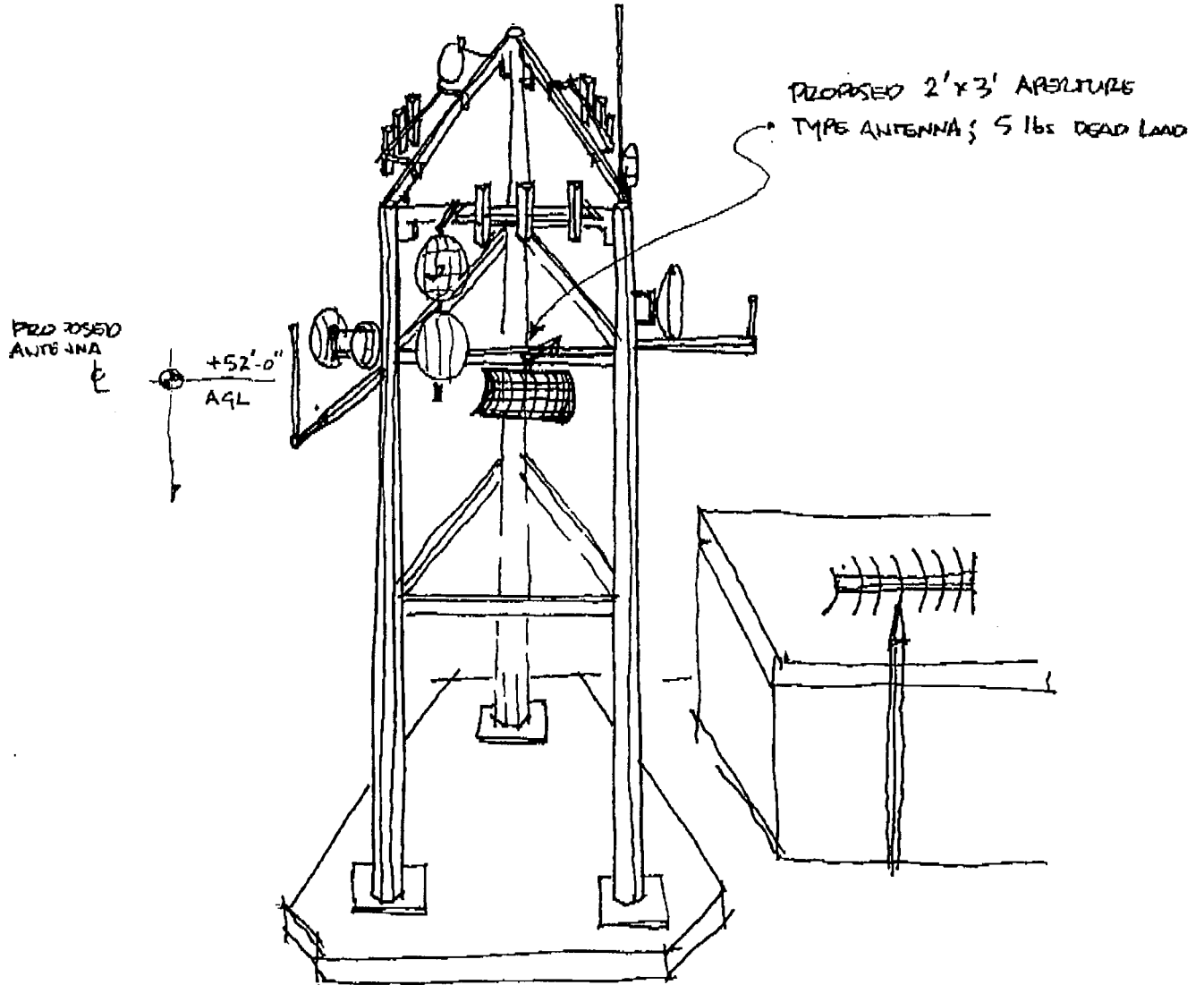
power density calculation since the antenna is highly directional, and not directed at the ground. This is consistent with the procedures described by FCC OST Bulletin No. 65 regarding aperture antennas.

Conclusion

The proposed additions do not constitute a "modification" of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six (6) 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 environment effect.

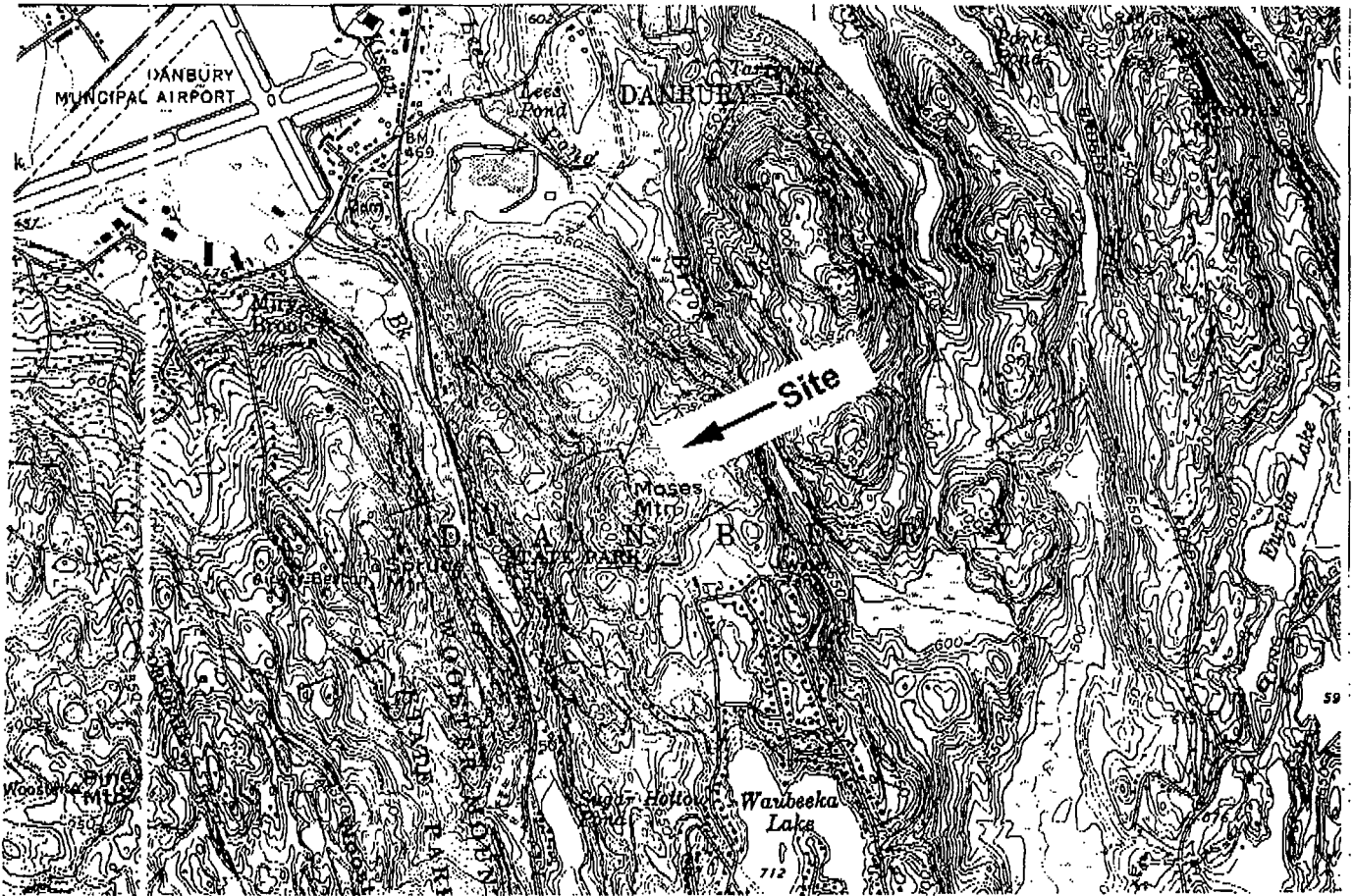
For these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.

MOSES MOUNTAIN DANBURY
 ANTENNA LOCATION DIAGRAM
 CSC SITE # 67



DRAWING NTS
 DATE 7-30-97

Moses Mountain, Danbury



CONFIDENTIAL



RECEIVED

NOV 27 1996

CONNECTICUT
SITING COUNCIL

SNET Personal Vision, Inc.
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755

Peter J. Tyrrell
General Counsel

November 25, 1996

Mr. Mortimer A. Gelston, Chairman
Connecticut State Siting Council
10 Franklin Square
New Britain, CT 06051

Dear Chairman Gelston:

At the request of your department, I would like to forward this letter to provide the Council a brief description of the intended use of the antennas recently proposed for SNET's towers located in Windsor Locks, Brooklyn, Wolcott and Danbury, Connecticut.

Personal Vision was recently awarded the first state-wide cable television franchise. The system will use a state of the art coaxial and fiber optic network to deliver services to every home and business in Connecticut. The antennas recently approved by the Siting Council will receive broadcast UHF channels.

The channels being received off the air by the site are as follows:

Danbury Moses Mountain will receive Channels 59 and 62 from Kingston and Poughkeepsie, NY.

Wolcott will receive Channels 20 and 43 from Connecticut broadcasters.

Windsor Locks will receive Channel 57 from Springfield, MA.

Brooklyn will receive Channel 38 from Boston, MA and Channel 26 from New London, CT.

The above accounts for the parabolic antennas. The search antennas, which will be mounted on the buildings at each site, will provide back-up in the event of a failure and the ability to troubleshoot other problems.

The search antenna, as used in cable television application, is a broadband (i.e., UHF, VHF), unidirectional, rotatable, antenna system that performs several useful functions for the system

operator. Typically a search antenna is a combination of a UHF and VHF log periodic array on a single boom. The multi-element design looks similar to a residential antenna. However, structurally the antenna is designed to withstand the wind and ice loading. Its ability to be rotated or pointed is valuable in performing the following tasks:

Site Surveying

The search antenna is used to answer questions about signal strength and picture quality at a tower site and to resolve feasibility of receiving the station in question at the power site.

Noise and Interference

Locating noise and interference direction is easily pinpointed due to the ability to rotate the search antenna.

Signal Quality Optimization

The rotational ability of the search antenna is again used to locate the best signal quality direction for the fixed position antennas on the tower. Maximum signal strength and best picture quality direction do not necessarily coincide with each other.

Backup to Fixed Position Antennas

The search antenna can also be used when it is necessary to perform routine maintenance, or in the event of damage to one of the fixed position antennas.

We appreciate your interest in this matter. Please contact me with any additional questions regarding this or other issues relating to the Personal Vision installations.

Thank you in advance for your cooperation.

Sincerely,





STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

file

November 5, 1996

Peter J. Tyrrell
Senior Counsel
SNET
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: Southern New England Telephone (SNET) notice of intent to modify an existing telecommunications facility located off of Old Boston Post Road, on Moses Mountain in Danbury, Connecticut.

Dear Attorney Tyrrell:

At a meeting held November 4, 1996, the Connecticut Siting Council (Council) acknowledged your notice to modify an existing tower site located off of Old Boston Post Road, on Moses Mountain in Danbury, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modification is to be implemented as specified in your notice dated October 10, 1996. The modification is in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies 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 six 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 General Statutes § 22a-162.

Please notify the Council when all work is complete.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/ss

c: Honorable Gene F. Eriquez, Mayor of Danbury, Connecticut

Trammell Crow Corporate Services/ RCC
Consultants Inc.
695 East Main Street Suite 405
Stamford, CT 06910
203-359-2222

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

November 1, 1996

Dear Chairman Gelston,

At the request of your department we are documenting our assessment of the structural capabilities of the below listed towers to accommodate the SNET Personal Vision proposed antennas installation which is currently under review by the Siting Council.

The removal of the SNET microwave antennas from these sites will in all cases reduce both the dead load and wind load for the sites. The existing antennas weigh up to 800 lbs each and are of a solid design creating significant wind resistance. The proposed antennas (are less than) 100 lbs and are of a "grid" design, decreasing wind resistance.

We have reviewed our engineering assessment with Bayar Assoc., of Port Chester NY. They concur that the addition of the proposed Personal Vision antennas, combined with the removal of the SNET microwave antennas, reduce both the dead load and wind load on the towers.

Modifications were made to the Danbury/Moses Mountain tower, and completed to add previously approved antennas for the Connecticut State Police. These modifications anticipated the loads imposed by the above mentioned Personal Vision antennas.

We appreciate your consideration in this matter.


Jeff Randolph
Trammell Crow Corporate Services Inc.


Mike Clarson
RCC Consultants Inc.

Locations For CSC application:
Brooklyn- Tatnic Hill Road
Danbury- Moses Mtn. Old Post Road
Windsor Locks- 20 Spring Street
Wolcott- Andrews Road

RECEIVED

NOV - 8 1996

**CONNECTICUT
SITING COUNCIL**

Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
Peter J. Tyrrell
Senior Counsel

October 10, 1996

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

RECEIVED

OCT 16 1996

CONNECTICUT
SITING COUNCIL

Dear Chairman Gelston,

Enclosed is a notice of intent to modify and exempt the tower and associated equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) on the Old Boston Road, on Moses Mountain in Danbury, Connecticut.

The proposed modifications can be generally described as the addition of receive only cable television relays for SNET Personal Vision Inc. ("Personal Vision"), an affiliate of SNET and a certified cable antennae company. The equipment generally includes two 4' parabolic receive only antennae and one passive receive only rotor mounted search antenna located on the equipment shelter adjacent to the tower.

The attached pages detail the required information for this location. As shown in the attachments, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72 (b) (2), and is an exempt facility pursuant to Section 16-50j-73 since the proposed antennae are passive and will not be increasing the power density of the antennae array for the tower installation. The proposed antennae will be mounted below the top of the existing antennae and will not be increasing the height of the array.

We have attached a copy of the U.S. Geological Survey maps for the location and antenna placement diagrams to clarify the proposed installation.

Please record me as counsel for SNET and Personal Vision in this matter and in all correspondence from the Council.

Thank you in advance for your cooperation.

Sincerely,



Copies to: Honorable Gene F. Eriquez, Mayor of Danbury

Moses Mountain, Danbury

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 Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding a cable television service receive antennae array specified below to an existing communications tower. These antennae will be owned, operated and maintained by SNET Personal Vision Inc. ("Personal Vision"). Personal Vision is a recently certificated Utility antenna television company by the Connecticut Department of Public Utility Control. Associated communications hardware will be located in SNET's equipment shelter at the base of the tower. The site is located atop Moses Mountain in Danbury, Connecticut (C.S.C. site # 67).

Background

The proposed modifications are at the site of a self-supporting 65 foot lattice type communications tower owned and operated by SNET. The tower is currently used by a SNET affiliate Springwichee Cellular Limited Partnership, to provide cellular coverage in the Danbury area. Also using the site are Page-Net, Inc. as a paging transmitter location, the Connecticut Department of Public Safety for use with the Connecticut State Police state-wide communications network, and WRNN as a television service receive antenna location.

Discussion

Personal Vision Inc. proposes to install two (2) tower mounted antennae, four foot in diameter, Wade-Anaco D-1338BB 4f Parabolic antenna, mounted off the southwest leg pointing in a northwesterly direction. Antennae centerlines will be mounted at the 58' and 53' above ground. Personal Vision Inc.'s signals will be transmitted to three CATV headends using SNET fiber optic facilities. In addition, SNET proposes to mount a Lindsay 10-LE-2-13/FM or equivalent search antenna and rotor on the equipment shelter in order to provide 360 degree coverage. This antenna requires top mounting installation to accommodate its rotational requirements, and is proposed for installation on the equipment shelter roof so as to not increase the antennae array or tower height.

Below is a power density chart which represents the existing frequency bands. The levels shown indicate the total power density in milliwatts per square centimeter. These levels have been calculated at the tower base.

<u>Service</u>	<u>Power Density @ Site Boundary</u>	<u>Power Density @ Tower Base</u>	<u>Top of Antenna Height</u>	<u>CT/ANSI Standard</u>	<u>% of Standard</u>
SCLP	0.2624	.2690	64'	0.5867	45.8%
Page-Net Inc.	0.1622	.1670	59'	0.6206	26.9%
TMRS	0.01158	0.01748	65'	0.303	5.7%
State Police	Negligible	.0004711	61'	4.47	0.0105%
2	Negligible	.0008375	47'	4.47	0.0188%
3	0.01423	.0163010	59'	0.577	2.825%
4	0	.0000000	45'	0.549	0
5	0.01423	.0163010	59'	0.577	2.825%
6	0	.0000000	45'	0.549	0
WRNN	0	0	50'	0	0%
Personal Vision	0	0	58'	0	0%
(Shelter Roof)	0	0	15'	0	0%
Totals	0.01158				84.08%

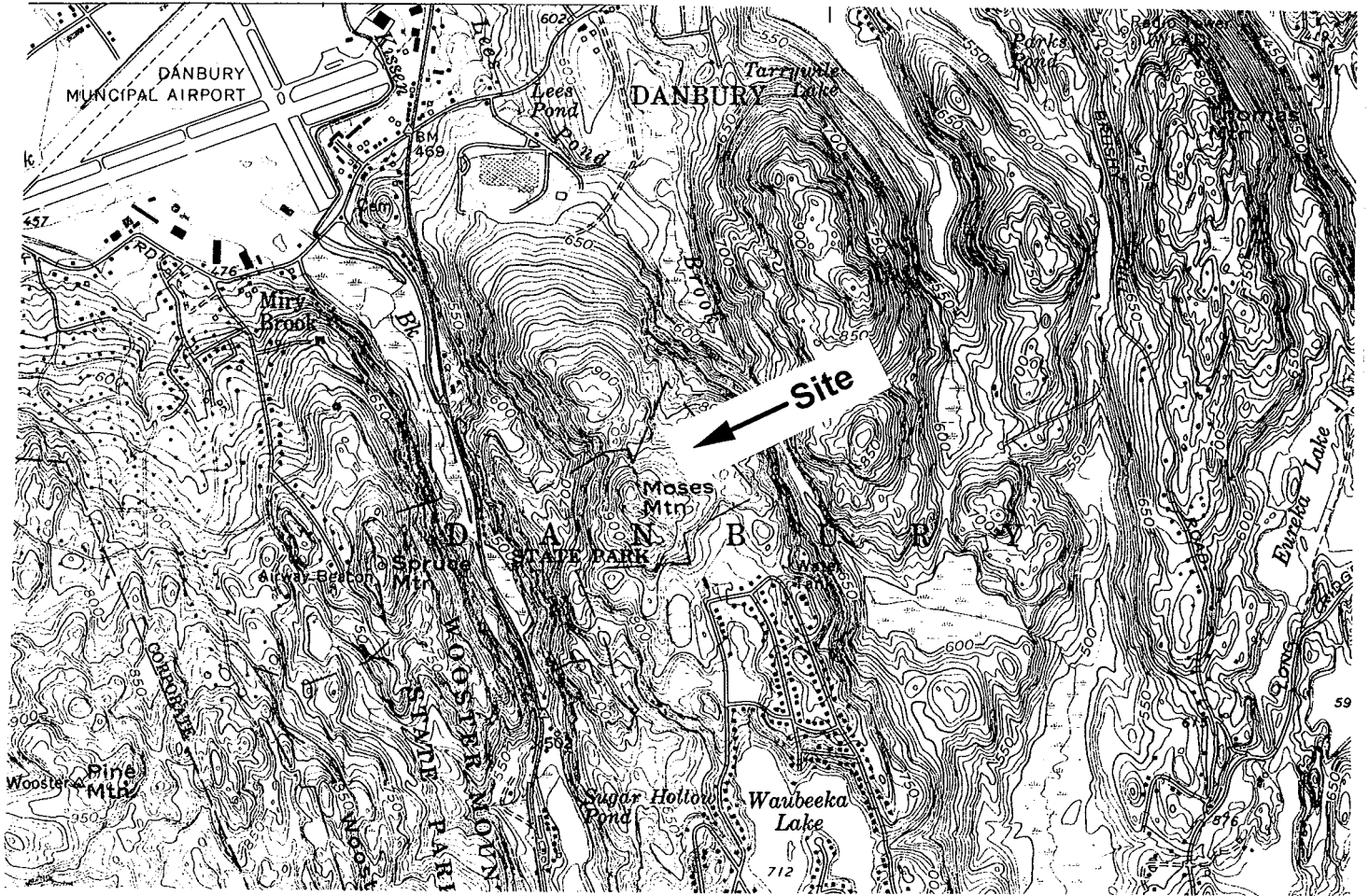
The current Connecticut (and ANSI) power density level standards, for non-ionizing radiation, are shown above. The levels identified in this case are well below the standards. As Personal Vision's antennae are receive only, there is no impact on power density calculations.

Conclusion

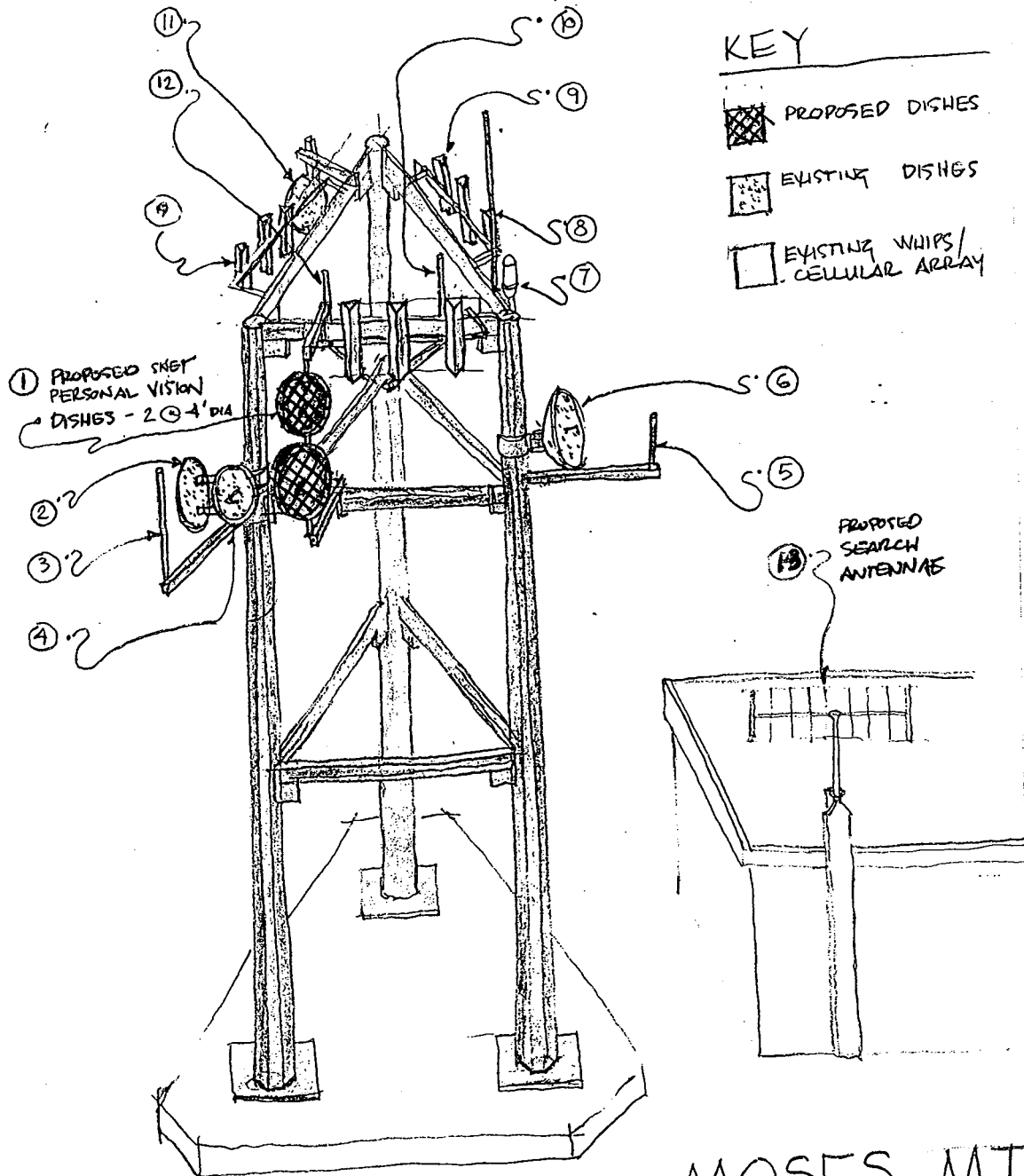
The proposed additions do not constitute a "modification" of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six (6) decibels or more and the total radio frequency electromagnetic radiation will not be increased to above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This addition will not have a substantially adverse environment effect.

For these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.

Moses Mountain, Danbury



Moses Mountain, Danbury
Antenna Location Diagram



DRAWING NOT TO SCALE
DATE 9-30-96

MOSES MT.
DANBURY, CT



Southern New England Telephone Company
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
FAX (860) 513-7178

May 17, 1996

Peter J. Tyrrell
Senior Attorney

Mortimer A. Gelston, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

RECEIVED

MAY 17 1996

**CONNECTICUT
SITING COUNCIL**

Re: Moses Mountain - Danbury

Dear Honorable Chairman Gelston:

Recently we received a staff request concerning our Moses Mountain facility. In reviewing our records we have determined the tower is at its maximum allowable height.

In consulting with employees of Southern New England Telephone, we have learned that we are reviewing a request by another SNET affiliate to use said tower. Of course, as we have in the past, we will contact the Council before such use commences.

Enclosed per your request, is the most recent map of the tower site. Should you have any additional questions, please do not hesitate to contact me.

Sincerely,

Peter J. Tyrrell



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, CT 06051
Phone: (860) 827-2935

April 16, 1996

Peter J. Tyrrell
Senior Attorney
Springwich Cellular Limited Partnership
500 Enterprise Drive, 4th Floor
Rocky Hill, CT 06067

RE: Southern New England Telephone Company (SNET) notice of intent to modify an existing telecommunications facility located atop Moses Mountain in Danbury, Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on April 11, 1996, the Connecticut Siting Council (Council) acknowledged your notice to modify an existing facility located atop Moses Mountain in Danbury, Connecticut pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified in your notice dated March 28, 1996. These modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to 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 six 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 General Statutes § 22a-162.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/FOC/ss

c: Honorable Gene F. Eriquez, Mayor of Danbury
Mr. Richard Cassada, Department of Environmental Protection

Southern New England Telephone
530 Preston Avenue
Meriden, Connecticut 06450
Phone 203.634.5225
Facsimile 203.634.5226



RECEIVED

APR 11 1996

Andrea M. Gaines
Manager-Competitive Intelligence
Network Marketing & Sales

April 11, 1996

CONNECTICUT
SITING COUNCIL

Fred Cunliffe
CT Siting Council
New Britain, Ct
f 203 827.7070

Fred,

Here is structural confirmation for the tower on Moses Mtn in Danbury based on the proposed installation of RNN's UHF antenna.

Please call me if you have any additional questions or concerns.

Sincerely,

Andrea

BE**BAYAR ENGINEERING, P.C.**
Structural EngineersP.O. Box 1287, Port Chester, N.Y. 10573-8287
TEL: (914) 821-4087 FAX: (914) 867-2147*Demirtas C. Bayar, P.E.*

April 10, 1996

Mr. Paul Brann
Southern New England Telephone Co.
195 Church Street, 5th Floor
New Haven, CT 06510Re: Moses Mtn., Danbury, CT.
BE Estimate SN9610

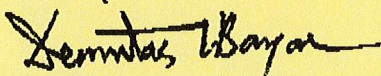
Dear Paul,

At the request of SNET Mobility, Inc. we reviewed the proposed antenna addition to the existing 65' Special tower at Moses Mtn., Danbury, CT. This antenna is to be used by Station WRNN.

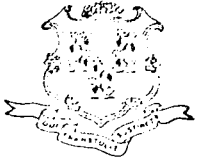
We understand that the existing 12' parabolic antenna and the 6' parabolic antenna have been removed from the tower. The antenna to be added for WRNN is a Scala PR-TV57-75 antenna with a bearing of 358 degrees magnetic and will be located 50' above the base of the tower.

When this antenna is installed and with the existing SNET microwave antennas removed the tower structure will comply with the provisions of the State of Connecticut Basic Building Code and the ASCE 7-95 standards. We consider this tower as a safe structure to install this antenna.

Yours truly,

Demirtas C. Bayar, P.E.
President
PE# 12725

XC: Mr. Ronald Clark, SNET Mobility, Inc.



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

March 14, 1996

Peter J. Tyrrell
Senior Attorney
Springwich Cellular Limited Partnership
500 Enterprise Drive, 4th Floor
Rocky Hill, CT 06067

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications facility located atop Moses Mountain in Danbury, Connecticut.

Dear Attorney Tyrrell:

At a meeting held March 13, 1996, the Connecticut Siting Council (Council) acknowledged your notice to modify an existing tower site atop Moses Mountain in Danbury, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modification is to be implemented as specified in your notice dated February 20, 1996. The modification is in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies 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 six 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 General Statutes § 22a-162.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/FOC/ss

- c: Colonel Kenneth H. Kirschner, Commissioner of Public Safety
- Honorable Gene F. Eriquez, Mayor of Danbury
- Mr. George Davis, Connecticut State Police
- Stephen R. Sarnoski, Esq., Assistant Attorney General
- Ms. Andrea Gaines, SNET
- Mr. Richard Cassada, Department of Environmental Protection



Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone 860.513.7755

RECEIVED

APR - 3 1996

Peter J. Tyrrell
Senior Counsel

March 28, 1996

CONNECTICUT
SITING COUNCIL

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

Dear Chairman Gelston,

Enclosed is a notice of intent to Modify and Exempt tower and associated equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) in Danbury, Connecticut. The site is located atop Moses Mountain. WRNN TV Associates L.P., Inc. (WRNN) proposes to add an antenna to the existing tower and locate a receiver and modulator in the equipment shelter at the base of the tower. In addition, SNET proposes to: remove two (2) unused microwave dishes, which at one time were part of SNET's interoffice network.

The attached page details the required information. As 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 an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for SNET in this matter and in all correspondence from the Council. If you need to review the site please contact Andrea Gaines at SNET on 203.634.5225.

Thank you in advance for your cooperation.

Sincerely,

Copies to: Honorable Gene F. Eriquez, Mayor of Danbury
Richard Cassada, Communications Engineer, CT State DEP
Christian French, WRNN TV Associates L.P., Inc.
David Hall, Trammell Crow Corporate Services

Moses Mountain, Danbury

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 Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding a television service receive-only antenna to an existing communications tower. This antenna will be owned, operated and maintained by WRNN. Associated communications hardware will be located in SNET's equipment shelter at the base of the tower. In addition, SNET proposes to remove two (2) unused microwave dishes located at the 55 foot level. Removal of these dishes will increase tower availability for third parties. The site is located atop Moses Mountain in Danbury, Connecticut (C.S.C. site # 67).

Background

The proposed modifications are at the site of a self-supporting 65 foot lattice communications tower owned and operated by SNET. The tower is currently used by: an SNET affiliate, Springwich Cellular Limited Partnership, to provide cellular system coverage in the Danbury area; PageNet, Inc. as a paging transmitter location; and the Connecticut Department of Public Safety for use with the Connecticut State Police state-wide communications network.

Discussion

WRNN proposes to install one (1) SCALA PR-TV 57/75 receive antenna at the 50 foot level of the existing tower to receive television signals from points north and northwest. WRNN's signals will be distributed to three CATV headends using SNET fiber optic facilities.

In addition, SNET proposes to remove two (2) microwave dishes (one 6', one 12') currently located at the 55 foot level which are no longer in use.

Below is a power density chart which represents the existing frequency bands. The levels shown indicate the total power density in milliwatts per square centimeter. These levels have been calculated at the tower base.

Service	Power Density @ Tower Base	Antenna Height	CT/ANSI Standard	% of Standard
SCLP	0.2690	63.00'	0.5867	45.8
Page-Net Inc.	0.1670	58.00'	0.6206	26.9
State Police				
1	.0004711	61.00'		
2	.0008375	47.00'		
3	.0163010	59.00'		
4	.0000000	45.00'		
5	.0163010	59.00'		
6	.0000000	45.00'		5.7
WRNN	0	50.00'	0	0.0
			Total	78.4

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

Conclusion

The proposed additions do not constitute a "modification" of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six (6) 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 environment effect.

For these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

March 15, 1996

Linda Berger
President
Neighbors Opposed to Tower (NOT)
1 Mine Hill Road
West Redding, CT 06896

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications facility located atop Moses Mountain in Danbury, Connecticut.

Dear Ms. Berger:

At a meeting held March 13, 1996, the Connecticut Siting Council (Council) acknowledged Springwich Cellular Limited Partnership's notice to modify an existing telecommunications tower located atop Moses Mountain in Danbury, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

This modification is in compliance with exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies 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 six 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 General Statutes § 22a-162.

At the meeting, the Council carefully considered your request to intervene in a letter dated February 29, 1996, and your comments in a letter dated March 8, 1996. However, because your request to intervene did not sufficiently identify how your rights and interests would be affected, your request to intervene was denied.

Thank you for your assistance and consideration in this matter.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/FOC/ss

- c: Peter J. Tyrrell, Esq., Springwich Cellular Limited Partnership
- Colonel Kenneth H. Kirschner, Commissioner of Public Safety
- Honorable Gene F. Eriquez, Mayor of Danbury
- Mr. George Davis, Connecticut State Police
- Stephen R. Sarnoski, Esq., Assistant Attorney General
- Ms. Andrea Gaines, SNET
- Mr. Richard Cassada, Department of Environmental Protection

500 Enterprise Drive
Rocky Hill, CT 06067-3900
Phone (860) 513-7755
Fax (860) 513-7178

Peter J. Tyrrell
Vice President - General Counsel

SPRINGWICH CELLULAR LIMITED PARTNERSHIP

March 12, 1996

RECEIVED

MAR 12 1996

**CONNECTICUT
SITING COUNCIL**

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

RE: Springwich Cellular Limited Partnership's Notice of Intent to Modify an Exempt Tower
on Moses Mountain Danbury.

Dear Chairman Gelston,

Attached herewith and respectfully submitted are Springwich's Objections to NOT's request to
be an Intervenor and a Memorandum in Support of its Notice.

Sincerely,

Peter J. Tyrrell

CERTIFICATE OF SERVICE

The undersigned hereby certifies that on March 12, 1996 he caused to be hand delivered an
original and twenty (20) copies of the within document to Joel M. Rinebold, Executive Director,
Connecticut Siting Council, Suite 401, 136 Main Street, New Britain, Connecticut and mailed
one copy to all intervenors and parties of record by U.S. Mail, postage prepaid.

Peter J. Tyrrell

Peter J. Tyrrell

Commissioner of Superior Court

State of Connecticut

Connecticut Siting Council

SPRINGWICH CELLULAR LIMITED
PARTNERSHIP'S NOTICE OF
INTENT TO MODIFY AN EXEMPT
TOWER ON MOSES MOUNTAIN IN
DANBURY

March 12, 1996

**Objection of Springwrich Cellular Limited Partnership to NOT's
Petition to be an Intervenor**

On February 29, 1996, NOT applied for designation as an intervenor herein. The Council is faced with the prospect of deciding NOT's petition based solely on a claim that it is a party in another matter, i.e., Docket No. 167 (Redding). NOT's members live in Redding; the tower is located in Danbury. No member of NOT can see the Danbury tower. No member of NOT abuts the Danbury tower.

The Petitioner has no interest as an Intervenor in the subject matter of this Docket

In order to be designated an intervenor one must demonstrate that it will be "... affected by the proceeding ..." Regulation §16-60j-15a. One must show a specific personal or legal interest in the subject matter at issue. Concerned Citizens of Sterling, Inc. v Connecticut Siting Council, 215 Conn 474, 484 at n. 5 (1990). In that case a State Board having jurisdiction over a water supply located in close proximity to a proposed tire burning - energy conversion plant was a proper intervenor. The State Board had a specific legal interest which lay at the root of the certificating decision and fell within the Council's jurisdiction.

The Siting Council's decisional criteria in this proceeding is limited to determining whether the requested change is excepted as an exempt modification to an existing facility. This is because:

None of the following shall constitute a modification to an existing community antenna television or telecommunications tower that may have substantial adverse environmental effect.

Changes on an existing tower site that do not increase the tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by 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. (Regs 16-50j-72(b)(2))

NOT has made no allegations or claims regarding the proposed tower sharing and any adverse impact on the tower's height, boundary, noise level or electromagnetic radiation power density. It is these matters which are the Council's focus in this matter.

Further, neither NOT nor any of its members allege to be an abutter to the Moses Mountain tower. NOT does not claim that this tower mars their viewscape. NOT members do not live in the same town as the Moses Mountain tower.

By admitting a Redding group in a Danbury matter, is the Council setting a dangerous precedent for the next case? Many of these towers are inter-related, like a string of pearls. Will the Council entertain intervention by every pearl on the string?

NOT has shown no nexus to the facilities. It has made no cognizable allegations regarding any decisional factor embodied in this proceeding. It claims no injury from the modification to the tower. NOT has no protectable interest in the siting or location of any site in the application. NOT is outside the zone of environmental interests or decisional criteria set

forth in its rules. Association of Date Processing Service Organizations vs. Camp, 397 US 150 (1970). and Reitzer v Board of Trustee of State Colleges, 2 Conn. App. 196, 200 (1984).

NOT has raised no environmental issues. NOT has shown no specific personal or legal interest in the matter. NOT is not affected by this tower sharing. NOT should not be admitted as an intervenor.

Conclusion

NOT has no interest in this docket, claims no nexus to the neighborhood, raised no environmental issue, and set forth no objection to the facility's modification. NOT is an interloper and its petition should be denied.

“... There is ... no universal right to be heard in any and all administrative proceedings...”
CL&P v Norwalk, 179 Conn 111, 118 (1979).

Respectfully Submitted,

Springwich Cellular Limited Partnership.

BY Peter J. Tyrrell
Peter J. Tyrrell
General Counsel
4th Floor
500 Enterprise Drive
Rocky Hill, CT 06067-3900
(860) 513-7755

CERTIFICATE OF SERVICE

The undersigned hereby certifies that on March 12, 1996 he caused to be hand delivered an original and twenty (20) copies of the within document to Joel M. Rinebold, Executive Director, Connecticut Siting Council, Suite 401, 136 Main Street, New Britain, Connecticut and mailed one copy to all intervenors and parties of record by U.S. Mail, postage prepaid.

Peter J. Tyrrell
Commissioner of Superior Court

State of Connecticut

Siting Council

SPRINGWICH CELLULAR LIMITED
PARTNERSHIP'S NOTICE OF INTENT TO
MODIFY AN EXEMPT TOWER ON MOSES
MOUNTAIN IN DANBURY

March 12, 1996

Memorandum in Support of Springwiche's

Notice to Modify an Exempt Tower

On February 20, 1996, Springwiche filed a Notice of Intent to Modify an Exempt Tower located at Moses Mountain in Danbury, Connecticut pursuant to Reg 16-50j-72(b)(2).

Springwiche filed to modify an existing 65 foot lattice tower with the Connecticut State Police by their addition of four (4) whip antennas and two (2) dish antennas.

The whip array will be used to provide 800 MHz radio coverage. The dishes will establish a microwave link between Southbury and Redding. The State Police dish antennas will be located between the 47 and 57 foot height.

NOT filed to intervene on February 29, 1990 and addressed comments to the Council on March 8. The sole issue they raised was whether a better use would be to make "minor height adjustments" at Moses Mountain so that Moses Mountain could be linked directly to Wilton. This would, of course, by-pass the need for a microwave link in Redding.

A. Springwich has met all of the regulatory requirements.

The Council's rules establish the criteria for granting a modification of an exempt tower.

They are:

Changes on an existing tower site that do not increase the tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by 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. (Regs 16-50j-72(b)(2)).

Springwich is entitled to a finding in its favor on each of the factors. This modification

will not:

- a) increase the tower's height,
- b) extend the sites boundaries,
- c) increase noise levels by 6 decibels, and
- d) increase electromagnetic power density above the State standard.

Springwich has set forth facts to support each of the aforementioned factors. NOT has introduced no countervailing evidence of any kind. Consequently, the Council ought to permit Springwich to modify an exempt tower as proposed.

B. NOT's request is irrelevant to this matter.

The Council is limited to applying its Regulations in appropriate cases. The Council's Regulations in this matter has been previously set forth. NOT requests the Council to investigate the relationship between a higher tower at Danbury and a direct Danbury to Wilton link.

NOT's request is irrelevant to the issue before the Council. There is no listed factor bearing any remote resemblance to the question raised by NOT.

The whole basis of Reg 16-50j-72 is premised on the concept that such modifications are tower sharing which is the preferred method of tower siting in Connecticut. (See C.G.S. §16-50g

and 50aa). To now entertain issues which would cause the Council to deviate from this course runs counter to manifest legislative policy.

The sole focus in this filing is the modification of an exempt tower in Danbury. A modification sought to be made in order to avoid an additional tower in the Danbury area. To extend the focus outside Danbury is to ignore the legislative directive in the matter pending before the Council.

C. The Moses Mountain tower will not provide a direct link to the Wilton tower.

In Docket 167 (Redding), the Council heard extensive testimony regarding numerous alternative tower combinations. Every possible arrangement was offered by NOT in an effort to move the tower into someone else's backyard. Curiously, Moses Mountain in Danbury was also mentioned.¹

As part of the Redding Docket, the State Police calculated the necessary height that an antenna on Moses Mountain would require to directly link to Wilton. That height is 180 feet. (See Docket No. 167, State Police Exhibit 2) (portion attached hereto).

As a result, and directly contrary to NOT's implied suggestion, the tower on Moses Mountain can not be raised to make a "minor height adjustment" for a direct Danbury-Wilton link. It would require raising the Moses Mountain tower from 65 to 180 feet; nearly tripling its height.

This information was submitted in the Redding Docket. A docket in which NOT was an active participant. NOT surely must recalled, or could have easily researched this point. It is the

¹ Springwich requests that the Council take administrative notice of portions of the Redding docket pursuant to its Regulations 16-50j-28(d) and C.G.S. §4-178(7). NOT was a party to these proceedings in the Redding Docket. It was permitted to cross-examine in said Docket.

nadir of parochial NIMBYism to suggest tripling the height of a tower in another town to avoid a tower in your town.

Conclusion

In summary, Springwisch has presented a prima facie case for the requested modification. NOT has presented no evidence. NOT's only suggestion is unattainable. The Council ought to grant Springwisch's Notice.

Respectfully Submitted,



Peter J. Tyrrell

General Counsel

4th Floor,

500 Enterprise Drive

Rocky Hill, CT 06067-3900

Connecticut Siting Council
Docket No.167
Division of State Police

Exhibit 2

Line-of-Site Microwave Radio Path Profiles

1. SNET Moses Mountain
2. Redding Ridge F.D.
3. Bell Atlantic Ridgefield
4. Robert Paradise
5. W. Redding F.D.
6. State of Connecticut D.M.V.
7. Redding P.D.
8. Georgetown F.D.
9. Bell Atlantic Wilton
10. SNET Ridgefield
11. Ridgefield P.D.
- *12. Sharp Motors
- *13. Redding Oil
- *14. Wm. Silk
- *15. Ridgefield Water Tower
- *16. Marconi Construction

Note: *Plots are not provided as tower heights are such that the Division of State Police would not consider construction.

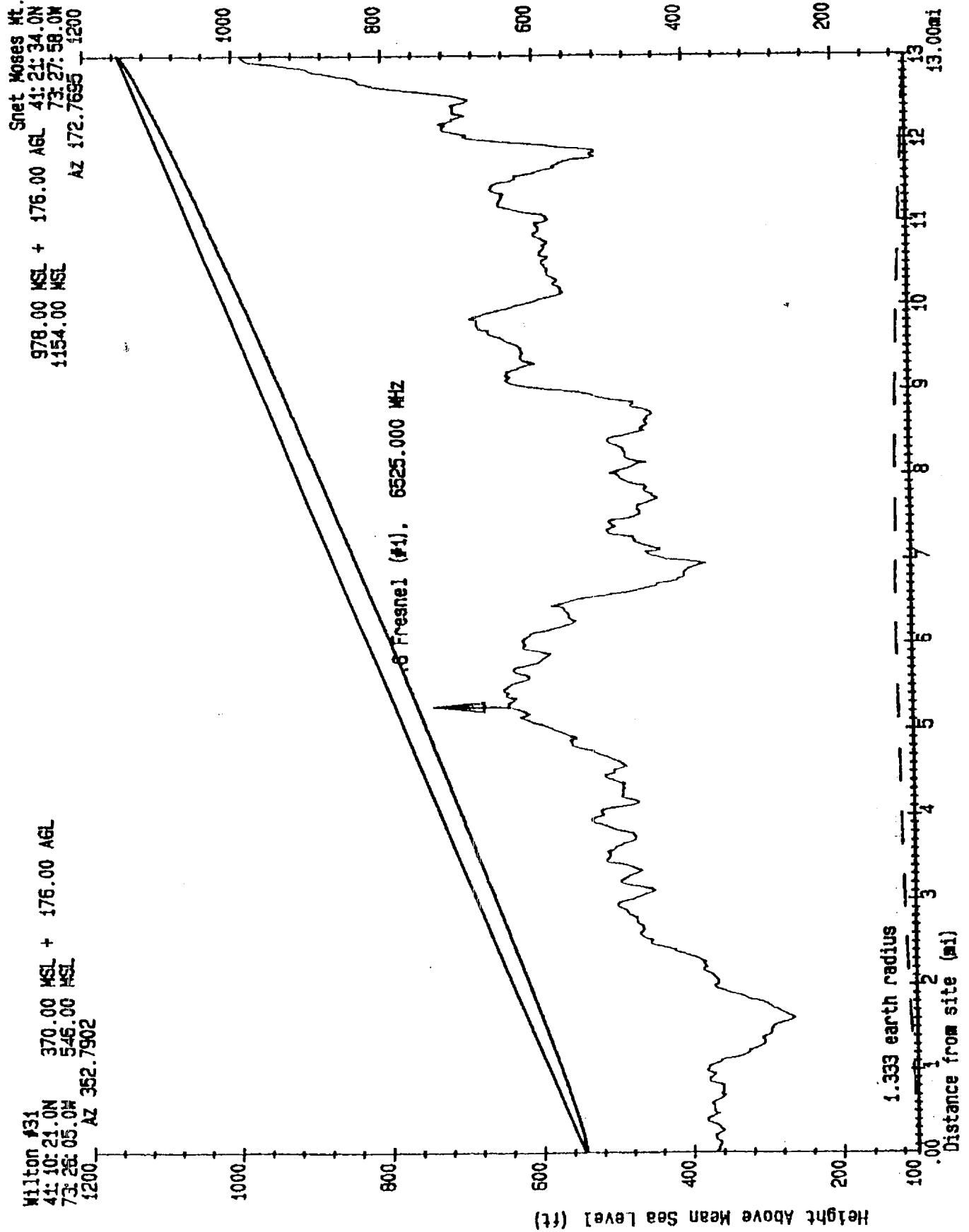
#	Tower owner	Present Height	Location	MSL	Siting Council #	Required CTS Height
1	SNET	65	41:21:34 73:27:58	978	67	180
2	Redding Ridge F.D.	80	41:18:38 73:20:54	630		330
3	Bell Atlantic	120	41:16:51 73:29:36	745		190
4	Paradise	80	41:20:25 73:23:36	816		180
5	W.Redding F.D.	60	41:19:28 73:25:45	400		660
6	State DMV	75	41:17:27 73:25:50	740	212	180
7	Redding P.D.	80	41:18:15 73:22:58	640		296
8	Georgetown F.D.	95	41:15:38 73:25:34	320		744
9	Bell Atlantic	180	41:14:18 73:25:28	420	309	680
10	SNET	65	41:16:36 73:29:57	770		180
11	Ridgefield P.D.	130	41:16:51 73:29:36	745	316	190
12	Sharp Motors		41:15:51 73:26:24	330		580
13	Redding Oil		41:16:49 73:26:47	380		420
14	Wm. Silk		41:16:42 73:28:50	540		280
15	Water Tower		41:18:59 73:28:41	575		420
16	Marconi Const.		41:19:01 73:28:27	510		450

Snet Moses Mt. #1

978.00 MSL + 176.00 AGL 41: 21: 34.0N
1154.00 MSL 73: 27: 58.0W
AZ 172.7695 - 1200

Milton #31
370.00 MSL + 176.00 AGL
41: 10: 21.0N
73: 28: 05.0W
1200 AZ 352.7902

6 Fresnel (#1), 6525.000 MHz



1.333 earth radius
Distance from site (mi)

ORIGINAL

NOT (Neighbors Opposed to Tower)

c/o Berger
1 Mine Hill Road
Redding, CT 06896

March 8, 1996

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

Re: Springwich Cellular Limited Partnership Notice of Intent to Modify an Exempt Tower located atop Moses Mountain in Danbury Connecticut.

Dear Mr. Gelston:

Thank you for giving us the opportunity to comment on Springwich Cellular Limited Partnership's Notice of Intent to Modify their tower on Moses Mountain in Danbury. This modification is to enhance the state-wide communications network of the Connecticut State Police, and is commendable in that it makes use of existing facilities.

In the interest of minimizing tower and facility proliferation, the Council should request information that would secure the use of 2 existing towers (Moses Mountain and South Wilton) to serve the needs of the State Police, instead of 3 towers. Specifically, how to best use the Moses Mountain tower by maximizing the placement of antennae and dishes and/or making minor height adjustments that would allow a direct linking of the two facilities.

Thank you for your time in reviewing our comments.

Yours truly,



Linda Berger, President
Neighbors Opposed to Tower (NOT)

cc: Mr. Peter J. Tyrrell, Sr. Attorney
Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, Connecticut

State of Connecticut
Department of Public Safety
c/o Stephen Sarnoski
MacKenzie Hall

RECEIVED

MAR 11 1996

CONNECTICUT
SITING COUNCIL

110 Sherman Street
Hartford, CT 06105

fax: Honorable Gene F. Eriquez, Mayor of Danbury
Colonel Kenneth H. Kirschner, Commissioner of Public Safety
Mr. George Davis, Connecticut State Police
Ms. Andrea Gaines, SNET
Mr. Richard Cassada, Department of Environmental Protection
Mr. Hank Bielawa, First Selectman, Town of Redding
Honorable John E. Stripp, State Representative
Honorable Judith G. Freedman, State Senator



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

March 1, 1996

Linda Berger, President
Neighbors Opposed to Tower (NOT)
1 Mine Hill Road
West Redding, CT 06896

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications facility located atop Moses Mountain in Danbury, Connecticut.

Dear Ms. Berger:

At a meeting of the Council held February 29, 1996, the Council granted your request to postpone a decision on this matter until the next Council meeting tentatively scheduled for March 13, 1996.

All comments are due on Monday, March 11, 1996, by 3:00 p.m.

Thank you for your attention and cooperation.

Very truly yours,

Joel M. Rinebold
Executive Director

JMR/ss

c: Peter J. Tyrrell, Springwich Cellular Limited Partnership
Colonel Kenneth H. Kirschner, Commissioner of Public Safety
Honorable Gene F. Eriquez, Mayor of Danbury
Mr. George Davis, Connecticut State Police
Stephen R. Sarnoski, Esq., Assistant Attorney General
Ms. Andrea Gaines, SNET
Mr. Richard Cassada, Department of Environmental Protection

FAXED

3-1-96

NOT (Neighbors Opposed to Tower)
c/o Borgor
1 Mine Hill Road
Redding, CT 06896

RECEIVED

FEB 29 1996

**CONNECTICUT
SITING COUNCIL**

February 29, 1996

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

Re: Springwich Cellular Limited Partnership Notice of Intent to Modify an Exempt Tower
located atop Moses Mountain in Danbury Connecticut.

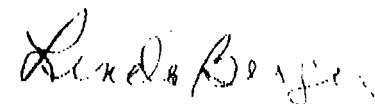
Dear Mr. Gelston:

I have just received notification of the Notice submitted by Springwich Cellular Limited Partnership, dated February 20, 1996 that is on your agenda for the meeting today, February 29, 1996. On behalf of the Neighbors Opposed to Tower (NOT), a party in the proceedings of Docket #167 in Redding Connecticut, we would like to request intervention in this Notice of Intent to Modify the Moses Mountain tower.

We request that you postpone action on this item so that we have an opportunity to review the material, in light of our Motion to Reverse Docket #167, dated February 22, 1996, which should be received by the Council today.

Thank you for your time in reviewing our request. We would appreciate receiving notification of any action in this matter.

Yours truly,



Linda Berger, President
Neighbors Opposed to Tower (NOT)

Please note: Due to a change of association officers, all notices for Docket #167 should now be sent to the attention of:

Linda Berger, President
Neighbors Opposed to Tower (NOT)
1 Mine Hill Road
West Redding, CT 06896

phone: 203-431-6130

Fax

RECEIVED

FEB 29 1996

**CONNECTICUT
SITING COUNCIL**

To: Joel Rinebold
Company: Connecticut Siting Council
Phone: 860-827-7682
Fax: 860-827-7070

From: Linda Berger
Company: Neighbors Opposed to Tower
Phone: 203-825-6188 (work)
Fax: 203-825-6192

Date: February 29, 1996

**Number of Pages,
including this page:** 2

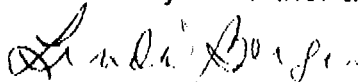
Comments:

Dear Mr. Rinebold:

Thank you for speaking with me this morning. For the very reason that I asked to receive the Council Meeting agenda, I find that I have to communicate with Mr. Gelston once again.

As this all happened at the last moment (at least as far as NOT is concerned), I ask that I be given some latitude in knowing the regulations. Hopefully this letter will be given some weight at the meeting this afternoon, and a decision can be postponed.

Thanks for your further assistance in these matters.



Linda Berger, President
Neighbors Opposed to Tower (NOT)
1 Mine Hill Road
West Redding, CT 06896

ORIGINAL

Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, Connecticut 06067
Phone (860) 513-7755

SPRINGWICH CELLULAR LIMITED PARTNERSHIP

February 20, 1996

Peter J. Tyrrell
General Counsel

RECEIVED

FEB 21 1996

**CONNECTICUT
SITING COUNCIL**

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

Dear Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for an existing communications facility owned by the Southern New England Telephone Company (SNET). The site is located in Danbury, Connecticut, atop Moses Mountain. The Springwich Cellular Limited Partnership (SCLP) plans to make space available on the tower and in SCLP's equipment building for use by the State of Connecticut Department of Public Safety, Division of State Police. The site will be used by the State Police as a key facility in their new, state-wide communications network.

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 and SNET in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Very truly yours,

Peter J. Tyrrell

cc: Colonel Kenneth H. Kirschner, Commissioner of Public Safety
Honorable Gene F. Eriquez, Mayor of Danbury
Mr. George Davis, Connecticut State Police
Stephen R. Sarnoski, Esq., Assistant Attorney General
Ms. Andrea Gaines, SNET
Mr. Richard Cassada, Department of Environmental Protection

MOSES MOUNTAIN, DANBURY

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 Springwisch Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that on behalf of itself and the Southern New England Telephone Company (SNET) that they intend to modify an existing communications facility owned by SNET by adding communications service antennas to the existing tower structure on that portion of the tower currently serving SCLP. These antennas will be owned, operated and maintained by the State of Connecticut Department of Public Safety, Division of State Police. Associated communications hardware will be installed inside SCLP's existing equipment building. The tower site is located atop Moses Mountain in Danbury, Connecticut (C.S.C. site number 67). Bayar Engineering has attested to the structure's safety after the addition of these antennas (See Attachment).

Background

The proposed modification is at the site of a self-supporting 65 foot lattice tower owned and operated by SNET. The site is currently being used by SCLP to provide cellular system coverage in the Danbury area and by Page-Net, Inc. as a paging transmitter location. The tower is located within a fenced compound that also surrounds an equipment/generator building owned by SNET and an equipment building owned by SCLP.

The Page-Net antenna is a 12 Foot Whip antenna base mounted at the 52 foot level. SCLP utilizes 9 directional panel antennas base mounted at the 61 foot level. In order to accommodate the loading of the State Police antennas, two (2) unused SNET microwave dishes will be removed from the tower.

Discussion

The Division of State Police plan to install six (6) antennas on the existing tower as part of their new state-wide communications network. These antennas will be installed and used as follows:

- four (4), 13 foot long whip antennas based mounted at the 52 foot level. These antennas will be used to transmit/receive public safety calls on a trunked 800 MHz radio system (troop to car, car to car, etc.)
- one (1), 8 foot in diameter solid dish antenna with radome base mounted at the 57 foot level. This antenna will be oriented toward the East to establish a microwave link with the State Police tower at Troop "A" in Southbury.

- 1, 6 foot in diameter solid dish antenna with radome base mounted at the 47 foot level. This dish will face toward the South and be used to establish a microwave path to SCLP's approved tower site off Old Redding Road in Redding.

Below is a power density chart which represents the existing cellular and paging uses. It has been modified from our most recent August, 1992 filing to show 19 cellular channels for each sector and recalculated to show the power densities at the base of the tower (as we do currently) using the most recent Connecticut state standards.

<u>SERVICE</u>	<u>DISTANCE</u>	<u>POWER DENSITY AT SITE BOUNDARY</u>	<u>POWER DENSITY AT TOWER BASE</u>	<u>CONN. STD.</u>	<u>% STD. AT SITE BOUNDARY</u>	<u>% STD. AT TOWER BASE</u>
SCLP	63.79'	0.2624	0.2690	0.5867	44.7	45.8
Page-Net	58.86'	0.1622	0.1670	0.6206	26.1	26.9

Calculations for the State Police radio equipment are attached.

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 facility'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.

RADIO/ANTENNA SYSTEMS DATA

=====

SITE NAME:
TOWER HEIGHT:

DANBURY
65 FEET

PREPARED BY:
ON DATE:

D.P.S.
02-20-1996

No	OPERATING FREQUENCY (MHz)	TRANSMIT POWER (WATTS)	ANTENNA				ERP (W)
			HEIGHT (FEET)	TYPE	VERTICAL SIZE (FT)	GAIN (dB)	
1	6700.0000	1	61 CL	SOLID DISH W/RADOME	8	42.1	9939
2	6700.0000	1	47 CL	SOLID DISH W/RADOME	6	39.6	5591
3	866.0000	5 x 25	52 BASE	WHIP	13	9.0	993
4	824.0000	0	52 "	WHIP	13	9.0	0
5	866.0000	5 x 25	52 "	WHIP	13	9.0	993
6	824.0000	0	52 "	WHIP	13	9.0	0

- NOTES: 1. TRANSMIT POWER ENTRIES SHOWN AS '5 x 25' SHOULD BE INTERPRETED AS '5 TRANSMITTERS, EACH HAVING A POWER OF 25 WATTS'. ENTRIES OF '0' MEAN 'RECEIVE ONLY'- i.e. NO TRANSMITTER. ALL OTHER ENTRIES REFER TO ONE TRANSMITTER WITH THE POWER SHOWN.
2. ERP (EFFECTIVE RADIATED POWER) IS THE PRODUCT OF ALL TRANSMITTER POWERS AND THE NUMERICAL VALUE OF THE GAIN (ANTILOG OF dB) RELATIVE TO A DIPOLE ANTENNA.

POWER DENSITY ANALYSIS

=====

AT THE TOWER BASE, FOR EACH RADIO/ANTENNA SYSTEM

SITE NAME: DANBURY
 TOWER HEIGHT: 65 FEET

PREPARED BY: D.P.S.
 ON DATE: 02-20-1996

No	OPERATING FREQUENCY (MHz)	EIRP (WATTS)	DISTANCE TO BASE OF TOWER (FEET)	MAXIMUM PERMISSIBLE EXPOSURE (MW/SQ-CM)	AT THE BASE OF THE TOWER	
					POWER DENSITY (MW/SQ-CM)	PERCENT OF MAX. EXPOSURE
1	6700.0000	16305	61 CL	4.466	0.0004711	0.0105
2	6700.0000	9172	47 CL	4.466	0.0008375	0.0188
3	866.0000	1629	59 CL	0.577	0.0163010	2.8251
4	824.0000	0	45 CL	0.549	0.0000000	0.0000
5	866.0000	1629	59 CL	0.577	0.0163010	2.8251
6	824.0000	0	45 CL	0.549	0.0000000	0.0000

TOTAL PERCENT OF MAXIMUM PERMISSIBLE EXPOSURE FOR
 UNCONTROLLED ENVIRONMENTS FOR ALL 6 RADIO SYSTEMS = 5.6796

- NOTES: 1. THE POWER DENSITIES REPRESENTING THE 'MAXIMUM PERMISSIBLE EXPOSURE FOR UNCONTROLLED ENVIRONMENTS' ARE CALCULATED IN ACCORDANCE WITH IEEE C95.1-1991 (REVISION OF ANSI C95.1-1982).
2. POWER DENSITIES ARE CALCULATED IN ACCORDANCE WITH THE METHODS DEFINED IN FCC DOCUMENT 'OST BULLETIN NO. 65', OCTOBER 1985.
3. EIRP (EFFECTIVE ISOTROPICALLY RADIATED POWER) REFERENCES THE RADIATED POWER TO A POINT SOURCE, WHICH YIELDS POWERS 1.6406 TIMES HIGHER THAN ERP.

POWER DENSITY ANALYSIS

=====

POWER DENSITY (% OF MAX. EXPOSURE VS DISTANCE FROM THE TOWER BASE)

 SITE NAME: DANBURY PREPARED BY: D.P.S.
 TOWER HEIGHT: 65 FEET ON DATE: 02-20-1996

DISTANCE (FEET)	POWER DENSITY (% OF MAX. EXPOSURE)
-----	-----
0	5.6796
50	3.2924
100	1.4609
150	0.7546
200	0.4519
250	0.2985
300	0.2083
350	0.1546
400	0.1952
450	0.2522
500	0.2768
550	0.2810
600	0.2737
650	0.2603
700	0.2443
750	0.2276
800	0.2111
850	0.1954
900	0.1808
950	0.1674
1000	0.1551
1050	0.1440
1100	0.1338
1150	0.1246
1200	0.1162
1250	0.1086



BAYAR ENGINEERING, P.C.
Structural Engineers

P.O. Box 1287, Port Chester, N.Y. 10573-0287
TEL: (914) 921-4057 FAX: (914) 967-2147

Demirtas C. Bayar, P.E.

February 20, 1996

Mr. Paul Brann
Southern New England Telephone Co.
195 Church Street, 5th Floor
New Haven, CT 06510

Re: Moses Mtn., Danbury, CT.
BE Estimate SN9610

Dear Paul,

At the request of SNET Mobility, Inc. we reviewed the proposed antenna additions to the existing 65' Special tower at Moses Mtn., Danbury, CT. These antennas to be used by the Connecticut State Police are the following:

- 4 - DB567 mobile antennas with their bottom at the 52' level.
- 1 - 8' diam. parabolic antenna with its bottom at the 57' level.
- 1 - 6' diam. parabolic antenna with its bottom at the 47' level.

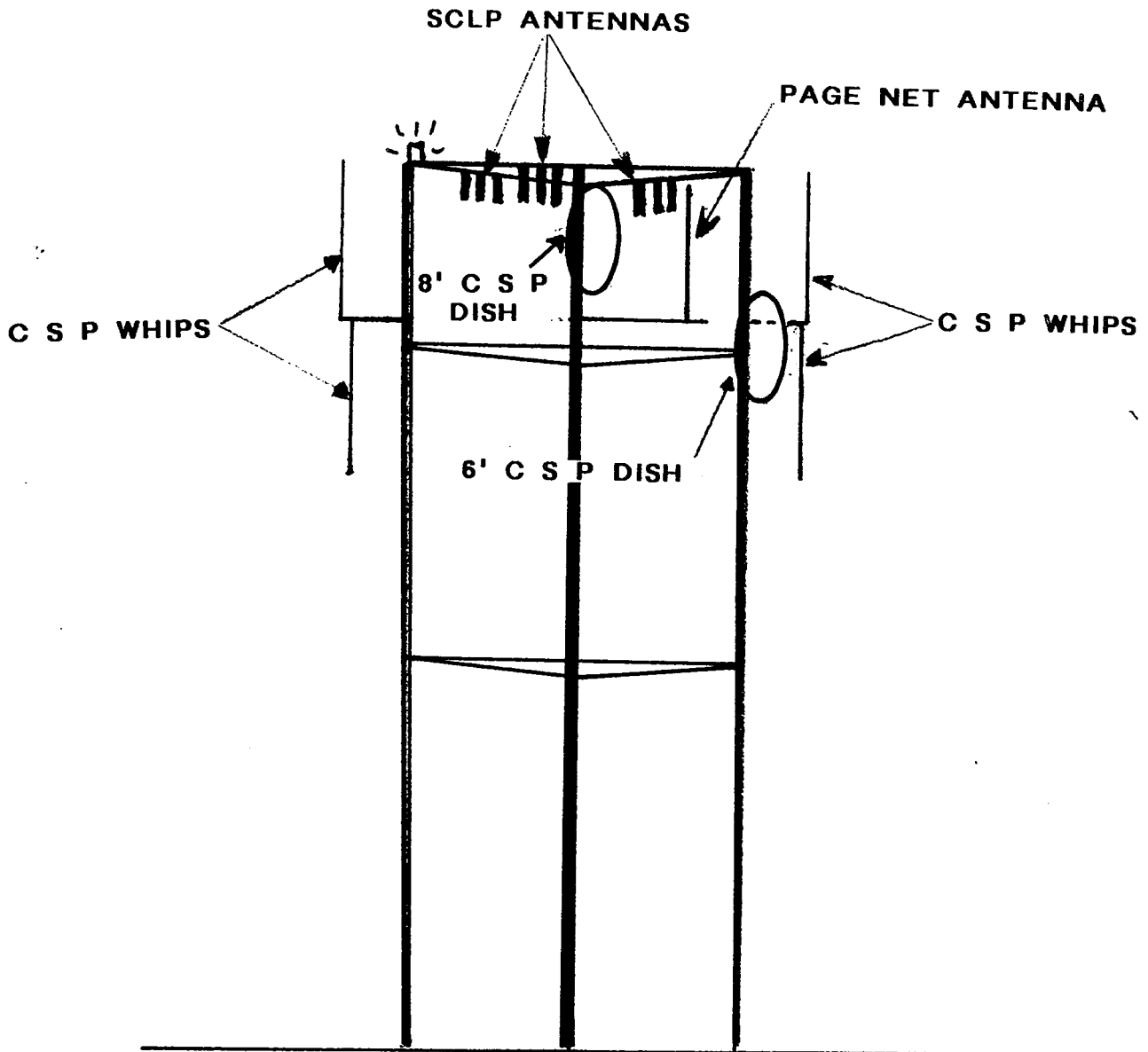
When these antennas are installed and the existing SNET microwave antennas are removed the tower structure will comply with the provisions of the State of Connecticut Basic Building Code and the ASCE 7-95 Standards. We consider this tower as a safe structure to install these antennas.

Yours truly,

Demirtas C. Bayar, P.E.
President
PE# 12725

XC: Mr. Ronald Clark, SNET Mobility, Inc.

MOSES MOUNTAIN, DANBURY



NOT TO SCALE

ORIGINAL

Transmittal

To: Joel Rinebold
Company: Connecticut Siting Council
Phone: 860-827-7682
Fax:

From: Linda Berger
Company: Neighbors Opposed to Tower
Phone: 203-431-6130
Fax:

Date: March 8, 1996

Comments:

Dear Mr. Rinebold:

Enclosed please find an original and 20 copies our comments on Springwich Limited Partnership's Intent to Modify an existing telecommunications facility located atop Moses Mountain in Danbury, Connecticut. Copies have also been sent or faxed to all those indicated. We expect to be present at the Council meeting of March 13 during your discussion of this matter. If you have any questions we will be happy to respond.

Thank you for your assistance in these matters.

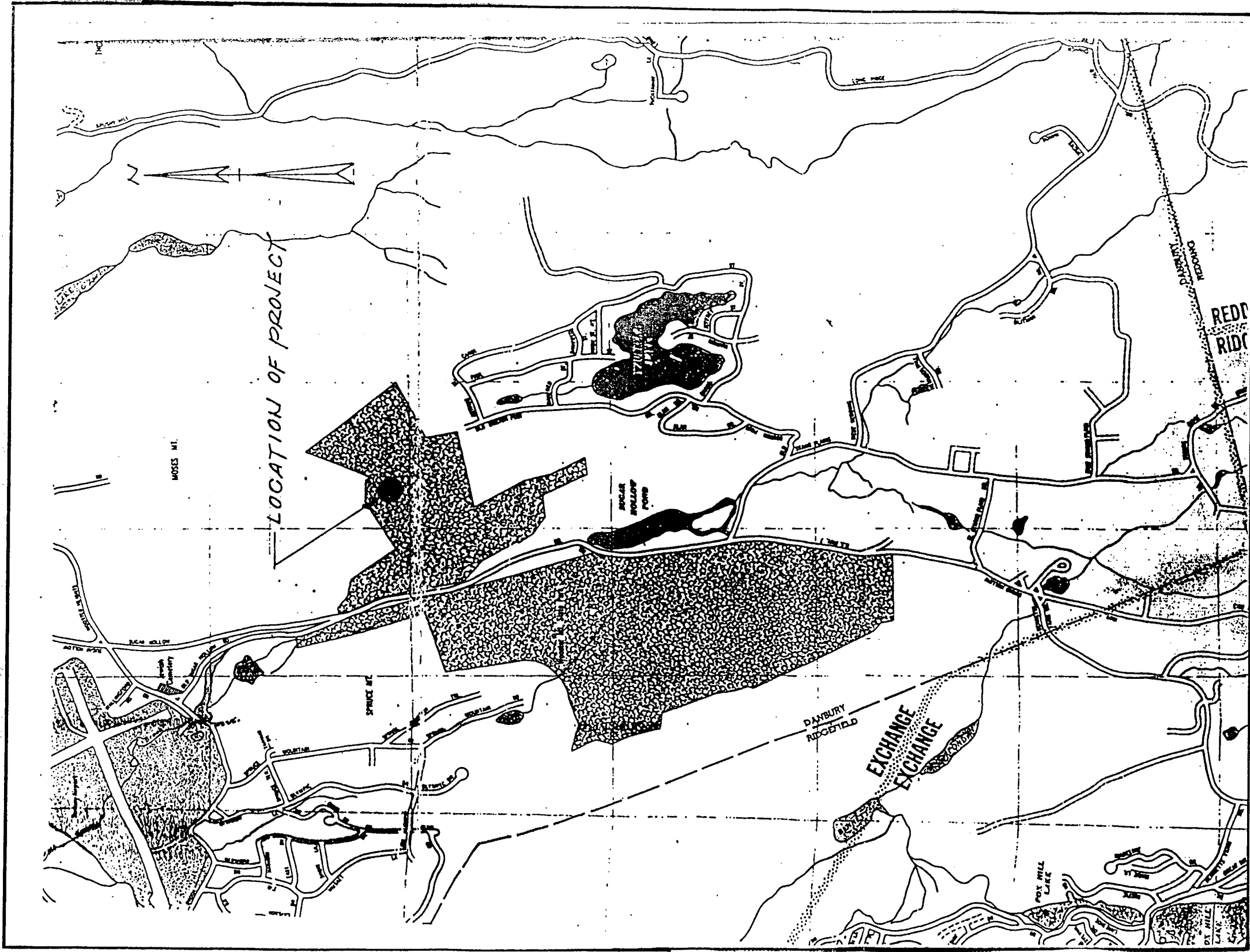


Linda Berger, President
Neighbors Opposed to Tower (NOT)
1 Mine Hill Road
West Redding, CT 06896

RECEIVED


MAR 11 1996

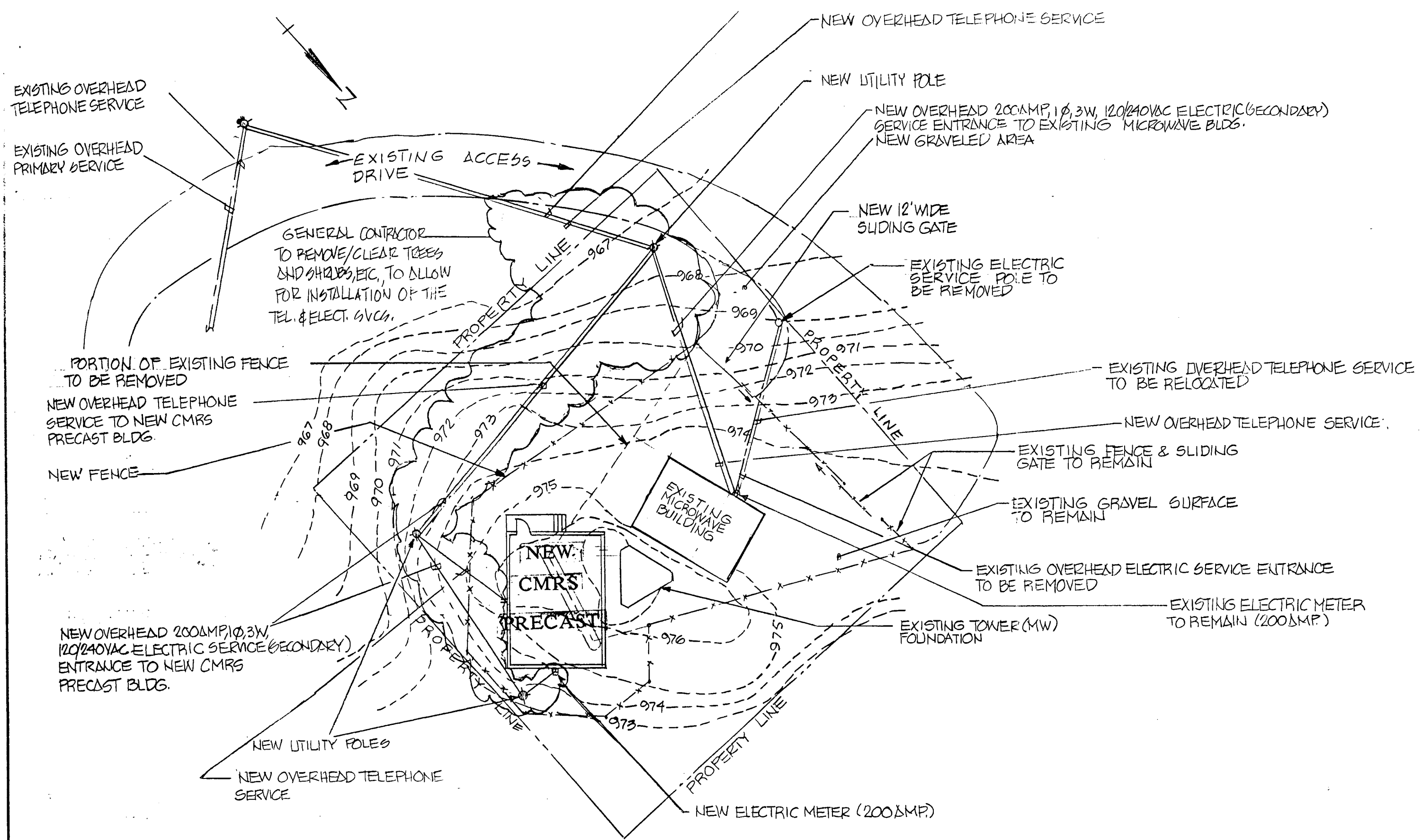
CONNECTICUT
SITING COUNCIL



LOCATION PLAN

SCALE: 1" = 1600'

 SNET		Office of the District Manager - Building Construction & Design	
		DANBURY, CONN.	
MODULAR EQUIPMENT ENCLOSURE			
SITE PLAN & DETAILS			
DRAWN BY R. J. P.	DATE 5.23.89	FILE C338	JOB NUMBER 30171
CHECKED BY M. G.	SCALE NOTED		



MOSES MOUNTAIN, DANBURY, CT
SITE PLAN
 SCALE: 1" = 20'



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

Moses Mountain
Danbury, Connecticut
June 14, 1996

On April 11, 1996, Connecticut Siting Council member Colin C. Tait expressed concerns about the sudden interest for Moses Mountain.

Moses Mountain is a prominent topographic feature owned by the State and managed by the Department of Environmental Protection (DEP) within Wooster Mountain State Park. This State Park straddles U.S. Route 7 in the southwest portion of the Town of Danbury.

Southern New England Telephone Company (SNET) consummated a lease agreement with the DEP for a 100-foot by 100-foot parcel of property atop Moses Mountain. In 1976, SNET constructed a 65-foot high three-legged structure, an approximate 18-foot by 25-foot equipment shelter, and fence. The elevation at the site is 978 feet above mean sea level. Access to the site is via an approximate 1000-foot gravel covered drive with parking, for about five vehicles, located outside the fenced facility.

The Danbury Airport is approximately 5,600 feet north of Moses Mountain. This structure has air navigation obstruction marking and lighting. The structure is painted orange and white, and is lighted with a red light.

In May 1988, the Council acknowledged Springwich Cellular Limited Partnership notice to modify an existing telecommunications facility at Moses Mountain. Subsequent acknowledgments occurred in February 1991, April 1991, and September 1992. Springwich maintains a 20-foot by 30-foot equipment shelter within the existing approximate 4,250 square foot fenced compound.

Two separate notices to modify an existing telecommunications facility were submitted by the Department of Public Safety (DPS) in March 1996 and WRNN Television in April 1996. The DPS is using Moses Mountain in place of the Brookfield site which has been abandoned. WRNN is using Moses Mountain for the attachment of a receive antenna. SNET recently removed two large dish-type antennas to accommodate the shared use of the facility. Furthermore, SNET shares space within its equipment shelter with WRNN and likewise for Springwich with DPS.

As of this date, Bell Atlantic NYNEX Mobile (BANM) is not actively pursuing coverage needs in the Danbury-Redding-Ridgefield area nor the use of the Moses Mountain facility.

Finally, SNET fields inquiries on a day-by-day basis regarding the shared use of all their facilities.

FOC/ss

Roses Mtn



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

February 27, 1991

Gloria Dibble Pond
Chairperson

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Timothy R.E. Keeney
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Radioactive Waste

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Joel M. Rinebold
Executive Director

Stanley J. Modzelesky
Executive Assistant

Peter J. Tyrrell, Esq.
Senior Attorney
SNET Cellular, Inc.
227 Church Street
New Haven, CT 06506

RE: Springwich Cellular Limited Partnership, Notice of Exempt Modification on existing telecommunications towers in the Cities of Danbury, New Haven, Norwalk, and the Towns of East Haddam, Harwinton, Monroe, New Milford, Plymouth, Tolland, and Winchester, Connecticut.

Dear Attorney Tyrrell:

At a meeting held on February 25, 1991, the Connecticut Siting Council acknowledged your notice of exempt modifications at existing tower sites operated by Springwich Cellular Limited Partnership in the cities and towns listed above.

As proposed in your notice dated February 4, 1991, 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-time goal and the public interest to avoid proliferation of additional tower structures.

Very truly yours,

Gloria Dibble Pond
Chairperson

GDP/foc

5145E

ORIGINAL

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



Peter J. Tyrrell
Senior Attorney

February 4, 1991

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

RECEIVED

FEB - 8 1991

CONNECTICUT
SITING COUNCIL

Dear Honorable Chairperson Pond:

Enclosed please find a Notice of Intent to Modify Exempt Towers and Associated Equipment for facilities operated by Springwich Cellular Limited Partnership (SCLP). SNET Paging, Inc. (SPI), an affiliate of SCLP, proposes to add an antenna on each of the ten (10) sites to be used in providing its Paging Service. This filing is similar to the April 5, 1989 filing by SNET Cellular, Inc. which was approved on April 24, 1989.

Attached is a page for each location detailing the required information. As is shown in the attachments, the proposed additions 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.

Please record me as counsel for the Springwich Cellular Limited Partnership in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Sincerely,

Peter J. Tyrrell

RECEIVED

FEB - 8 1991

CONNECTICUT
SITING COUNCIL

cc: See next page

As required by the Public Utility Environmental Standards Act, Section 16-50L (b), a copy of this application has been sent, by messenger or certified mail, to:

Honorable Gene Eriquez, Mayor, City of Danbury,
City Hall, 155 Deer Hill Avenue, Danbury, CT 06810

Honorable John J. Blashik, First Selectman, Town of East Haddam,
Town Office Building, Goodspeed Plaza, East Haddam, CT 06423

Honorable Lloyd T. Shanely, Jr., First Selectman, Town of Harwinton,
Town Hall, 100 Bentley Drive, Harwinton, CT 06791

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

Honorable John C. Daniels, Mayor, City of New Haven,
Kennedy Mitchell Hall of Records, 200 Orange Street, New Haven, CT 06510

Honorable Walter J. Rogg, Mayor, Town of New Milford,
Town Hall, 10 Main Street, New Milford, CT 06776

Honorable Frank Esposito, Mayor, City of Norwalk,
City Hall, 125 East Avenue, P.O. Box 91, 06359

Honorable David M. Dennis, Mayor, Town of Plymouth,
Town Hall, 19 East Main Street, Terryville, CT 06786

Honorable John B. Harkins, Town Manager, Town of Tolland,
Hicks Memorial Municipal Center, 21 Tolland Green, Tolland, CT 06084

Honorable David E. Battistoni, Town Manager, Town of Winchester,
Town Hall, 338 Main Street, Winsted, CT 06098

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, Springwich Cellular Limited Partnership, an entity 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 the addition of a paging service antenna. The site is located on Guinea Road, Monroe, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	586	246.20	0.00926994	0.09269937

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.

TOLLAND

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, an entity 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 the addition of a paging service antenna. The site is located on Valcom Road, Tolland, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	700	160.31	0.02186407	0.21864066

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.

WINCHESTER

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, an entity 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 the addition of a paging service antenna. The site is located on Oakdale Avenue, Winchester, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm2</u>	<u>TOTAL POWER DENSITY mW/cm2</u>
Cell Site Boundary	1,084	192.26	0.01520145	0.15201453

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm2. The level demonstrated in this case is well below the standard levels.

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.

NEW MILFORD

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, an entity 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 the addition of a paging service antenna. The site is located on Aspetuck Avenue, New Milford, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	480	162.31	0.02132958	0.21329581

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.

PLYMOUTH

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, an entity 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 the addition of a paging service antenna. The site is located on North Street, Plymouth, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	820	192.26	0.01520145	0.15242689

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.

HARWINTON

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, an entity 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 the addition of a paging service antenna. The site is located on Weingart Road, Harwinton, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	1,019	162.31	0.02132958	0.21329581

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.

NORWALK MW

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, an entity 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 the addition of a paging service antenna. The site is located on Willard Road, Norwalk, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	65	347.14	0.00466278	0.04662776

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.

DANBURY MOSES MTN.

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, an entity 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 the addition of a paging service antenna. The site is located on Moses Mountain, Danbury, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm2</u>	<u>TOTAL POWER DENSITY mW/cm2</u>
Cell Site Boundary	978	58.86	0.16221319	1.62213191

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels. The total power density for this site is greater than that of the other sites due to the short tower height at this location.

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.

EAST HADDAM

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, an entity 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 the addition of a paging service antenna. The site is located on Parker Road, East Haddam, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	590	194.26	0.01489046	0.14890462

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.

NEW HAVEN

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, an entity 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 the addition of a paging service antenna. The site is located on Orange Street, New Haven, Connecticut.

DISCUSSION

The proposed additional antenna will be located near the SCLP cellular antennas, but will not increase the overall height of the existing tower.

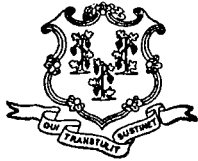
The maximum power density in the cellular and paging frequency bands is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>LOCATION NAME</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>INCREASE IN POWER DENSITY mW/cm²</u>	<u>TOTAL POWER DENSITY mW/cm²</u>
Cell Site Boundary	20	293	0.00653767	0.06537673

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency bands is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard levels.

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.



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

file
Moses M.H.

Gloria Dibble Pond
CHAIRPERSON

May 24, 1988

COMMISSIONERS

Peter Boucher
Leslie Carothers

Peter J. Tyrrell, Esq.
Senior Attorney
SNET Cellular, Inc.
227 Church Street
New Haven, CT 06506

Daniel P. Lynch, Jr.
Mortimer A. Gelston
James G. Horsfall
William H. Smith
Colin C. Tait

RE: SNET Cellular, Inc. - Notice Pursuant to
Regulations of State Agencies 16-50j-73 of Intent
to Modify Existing Telecommunications Tower

Joel M. Rinebold
Executive Director

Stanley J. Modzelesky
Executive Assistant

Dear Mr. Tyrrell:

At a meeting held on May 19, 1988, the Connecticut Siting Council acknowledged your notice of intent to modify the existing telecommunications tower located at Moses Mountain in Danbury, Connecticut, pursuant to Section 16-50j-73 of the Regulations of State Agencies (RSA).

As proposed in your notice dated April 29, 1988, and telephone conversation held with Joel M. Rinebold on May 19, 1988, the modification is in compliance with the exception criteria for changes to an existing facility site that do not extend the boundaries of the fenced or otherwise enclosed areas of the tower site, or increase noise levels at the tower site boundary by 6 decibels or more, pursuant to RSA 16-50j-72.

The Council is pleased to note that the shared use of an existing tower meets the Council's long-time goal and the public interest to avoid proliferation of additional tower structures.

Very truly yours,

Gloria Dibble Pond
Chairperson

GDP:lh

1404E-1

227 Church Street
New Haven, Connecticut 06506
Phone (203) 771-7381

Peter J. Tyrrell
Senior Attorney



ORIGINAL

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CONNECTICUT
SITING COUNCIL

April 29, 1988

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 The Southern New England Telephone Company located in Danbury, Connecticut by SNET Cellular, Inc. Fifteen (15) copies are included.

Please record my name as counsel for the SNET Cellular, Inc. and The Southern New England Telephone Company in this matter and in correspondence from the Council.

Thank you for your kind cooperation.

Very truly yours,

A handwritten signature in dark ink that reads "Peter J. Tyrrell". The signature is written in a cursive style with a large, prominent initial "P".

Enclosures

STATE OF CONNECTICUT
SITING COUNCIL

NOTICE OF INTENT TO MODIFY AN EXEMPT TOWER
AND ASSOCIATED EQUIPMENT

ORIGINAL

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 at Moses Mountain in Danbury, Connecticut.

The location will be leased in part from its current owner and operator, The Southern New England Telephone Company (Owner) and will be used in part as a cell site to provide cellular mobile telecommunications service in Fairfield County. The proposed modification would contain both transmit and receive antennas.

DISCUSSION

The Danbury tower has been in continuous use by the Owner as a telecommunications tower for twelve (12) years. The tower is located on land leased from the State in Danbury. The proposed addition is needed to supply additional channel capacity and improved transmission for cellular service to the Danbury area by SNET Cellular, Inc. This cell site has been designed to properly interface with the adjacent cell site in Danbury.

The proposed antenna addition consists of up to six (6) antennas. The antennas to be used will be mounted on brackets in the center of the tower. From ground level they will appear smaller and will be very difficult to see. There presently exists on said tower one twelve (12) foot Parabolic Antenna, one six (6) foot Parabolic Antenna, and one mobile radio antenna.

The maximum power density of the cellular facility is set forth below. It has been calculated in milliwatts per square centimeter.^a

<u>Location</u>	<u>Power Density</u>
Tower Base	0.7264
Fence	0.5850
Nearest Building ^b	0.5950

In 1984 the Connecticut Legislature adopted the safety levels of the American National Standards Institute ("ANSI") in CGS Section 22a-152. The current ANSI power density level standard (for the cellular service band) for non-ionizing radiation is 2.933 milliwatts/cm². (See ANSI Standard C95.1-1982). In this case the cellular power density figures are approximately four times lower than the applicable standard.

a The levels shown indicate the total power density in milliwatts per sq. cm. from all cellular antennas measured simultaneously.

b The nearest building is the Owner's Microwave Building.

The proposed addition does not constitute a "modification" of an existing facility as that term is defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no significant change or alteration in the general physical characteristics of the tower. The additional antennas do not change materially the nature or appearance of the facility. This addition will not have a substantially adverse environmental effect (CGS Section 16-50k.) There will be no increase in noise levels at the tower's boundary by six decibels or more.

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

Sincerely,

A handwritten signature in black ink that reads "Peter J. Tyrrell". The signature is written in a cursive style with a large initial 'P' and 'T'.

Peter J. Tyrrell