



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@po.state.ct.us

Web Site: www.state.ct.us/csc/index.htm

July 2, 2002

Mr. Peter van Wilgen
Senior Manager - Construction
SNET Mobility LLC
500 Enterprise Drive, 3rd Floor
Rocky Hill, CT 06067

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mr. van Wilgen:

At a public meeting held on June 3, 2002, the Connecticut Siting Council (Council) acknowledged your notice to modify these existing telecommunications facilities, 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 notices dated June 17, 2002. 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 frequencies 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 also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. 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 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/DM/laf

- c: Mr. Albert G. Ilg, Town Manager, Town of Windsor
- Mr. Mario Zavarella, Windsor Town Planner
- Mr. Matthew B. Galligan, Town Manager, Town of South Windsor
- Ms. Marcia Banach, Director of Planning, Town of South Windsor
- Honorable Timothy D. Larson, Mayor, Town of East Hartford
- Mr. Michael J. Dayton, Town Planner, Town of East Hartford
- Ms. Sandra Kee-Borges, City Manager, City of Hartford
- Mr. Barry M. Feldman, Town Manager, Town of West Hartford
- Ms. Mila Limson, Senior Planner, Town of West Hartford
- Mr. Lee C. Erdman, Town Manager, Town of Wethersfield
- Mr. Stuart B. Popper, Town Planner, Town of Wethersfield
- Mr. Nick LaRosa, Town Manager, Town of Rocky Hill
- Ms. Kimberly Ricci, Director of Planning, Town of Rocky Hill



SNET Mobility, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7700
Fax: (860) 513-7190

Peter W. van Wilgen
Senior Manager – Construction

HAND DELIVERED

June 17, 2002

RECEIVED
JUN 17 2002
CONNECTICUT
SITING COUNCIL

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

Re: SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in Windsor, South Windsor, East Hartford, Hartford, Wethersfield, Rocky Hill and West Hartford

Dear Mr. Gelston:

In order to accommodate technological changes, implement E-911 capability and enhance system performance, SNET Mobility, LLC ("SNET" or "Cingular Wireless") plans to modify the antenna configurations at its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of each of the municipalities in which an affected cell site is located.

Attached are summary sheets detailing the planned changes, including power density calculations reflecting the change in the effect of Cingular's operations at each site. Also included is documentation of the structural sufficiency of each tower to accommodate the revised antenna configuration.

The changes to the facilities do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facilities will not be significantly changed or altered. Rather, the planned changes to the facilities fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

Mr. Mortimer A. Gelston

June 17, 2002

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1. The height of the overall structure will be unaffected. At almost all sites, new panel antennas approximately the same size will replace those previously installed. Tower mount amplifiers, approximately 5" x 9" x 13", will be added to the platform on which the panel antennas are mounted to enhance signal reception at the cell site. In addition, the mandated provision of E-911 capability will require installation of one LMU ("location measurement unit"), approximately 5 inches high, on either the tower, the equipment shelter or the ice bridge. One GPS receive-only antenna will be attached to the equipment shelter at each site. None of the modifications will extend the height of the tower.
2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound.
3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.
4. Radio frequency power density will increase due to use of additional channels broadcasting at higher power. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, Cingular Wireless respectfully submits that the proposed changes at the referenced sites constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 513-7730 with questions concerning this matter. Thank you for your consideration.

Sincerely,



Peter W. van Wilgen
Senior Manager - Construction

Enclosures

**CINGULAR WIRELESS
Antenna Modification**

Site Address: 419 Broad Street, Windsor
exempt modification 7/98 (original 5/94)

Tower Owner/Manager: Springwich Cellular Limited Partnership;
managed by SpectraSite Communications, Inc.

Antenna configuration Antenna center line – 103'

Current and/or approved: 9 ALP 11011 or comparable

Planned: 9 DUO4-8670 or comparable
6 tower mount amplifiers
1 LMU (at 25')

Power Density:

Calculations for Cingular's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 11.0% of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular's planned operations would be approximately 15.6%, or an additional 4.6% of the standard.

Cingular Current

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET	103	880 - 894	19	100	0.0644	0.5867	11.0

Cingular Planned

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET TDMA	103	880 - 894	16	100	0.0542	0.5867	9.2
SNET GSM	103	880 - 894	2	296	0.0201	0.5867	3.4
SNET GSM	103	1930 - 1935	2	427	0.0289	1.0000	2.9
Total							15.6%

Structural information: Please see attached.



RE: CT-0028 [Windsor]
 Structural Evaluation of 100' Valmont Monopole
 419 Broad Street
 Windsor, CT 06095
 Hartford County

Date: May 21, 2002

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on the requirements of the TIA/EIA-222-F Standard for a basic wind speed of 80 mph without ice and 75% of the wind load with 1/2" radial ice.

Table 1. Existing and Proposed Antennas

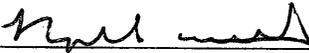
ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX*	NOTES
103	(9) Allgon 7120.16.05 on Low Profile Platform Mount	Cingular	(9) 1-1/4"	Remove Existing
103	(9) CSS DUO4-8670 (6) CSS ADC Amplifiers on Low Profile Platform Mount	Cingular	(9) 1-1/4"	Proposed Replacement
91	(6) Allgon 7250.03 on T-Arm Mounts	AT&T	(12) 1-5/8"	Proposed
25	(1) Nokia CS72187.01 on Standoff Mount	Cingular	(1) 1/2"	Proposed

*Coax installed inside pole.

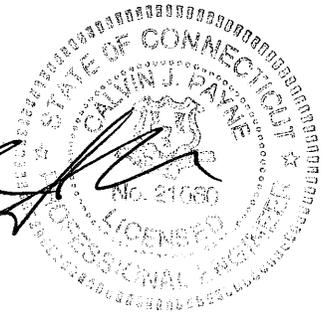
The subject tower and foundation are *adequate* to support the above stated loads and *in conformance* with the requirements of TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Should any questions arise concerning this report please contact the undersigned.


 Raphael Mohamed, P. Eng.
 Project Engineer


 05-13-2002
 Calvin J. Payne, P.E.
 Chief Engineer



1 *Level 1 evaluation* means:
 • the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
 • the design wind criteria is compared to the recent code requirements.

**CINGULAR WIRELESS
Antenna Modification**

Site Address: 391 Niederwerfer Road, South Windsor
Docket No. 40

Tower Owner/Manager: Springwich Cellular Limited Partnership;
managed by SpectraSite Communications, Inc.

Antenna configuration Antenna center line – 78'

Current and/or approved: 12 ALP 9212 or comparable

Planned: 12 DUO4-8670 or comparable
9 tower mount amplifiers
1 LMU (at approx. 20')

Power Density:

Calculations for Cingular's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 19.1% of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular's planned operations would be approximately 27.1%, or an additional 8.0% of the standard.

Cingular Current

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET	78	880 - 894	19	100	0.1123	0.5867	19.1

Cingular Planned

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET TDMA	78	880 - 894	16	100	0.0946	0.5867	16.1
SNET GSM	78	880 - 894	2	296	0.0350	0.5867	6.0
SNET GSM	78	1930 - 1935	2	427	0.0505	1.0000	5.0
Total							27.1%

Structural information: Please see attached.



RE: CT-0010 [South Windsor]
 Structural Evaluation of 79' Monopole
 391 Niederwerfer Road
 South Windsor, CT
 Hartford County

Date: May 22, 2002

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on the requirements of TIA/EIA-222-F Standards for a basic wind speed of **80 mph** without ice and 75% of the wind load with 1/2" radial ice.

Table 1. Existing and Proposed Antennas

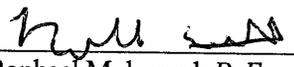
ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX *	NOTES
85.0 82.5 78.0	(1) 10' Omni (1) 3' Yagi (12) Swedcom ALP-9212 on Platform Mount with Handrails	Cingular	(1) TBD (1) TBD (9) 7/8"	Remove Existing
85.0 82.5 78.0 78.0	(1) 10' Omni (1) 3' Yagi (12) CSS DUO4-8670 (9) CSS ADC Amplifiers on Platform Mount with Handrails	Cingular	(1) TBD (1) TBD (9) 7/8"	Proposed Replacement
19.75	(1) Nokia CS72187.01 on Standoff Mount	Cingular	(1) 1/2"	Proposed

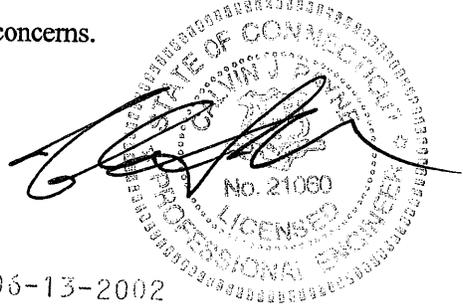
*Coax installed inside monopole.

The subject tower, and it's foundation, are *adequate* to support the above stated loads and *in conformance* with the requirements of TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Please do not hesitate to give me a call if you have any questions or concerns.


 Raphael Mohamed, P. Eng.
 Project Engineer


 06-13-2002
 Calvin J. Payne, P.E.
 Chief Engineer

¹ Level 1 evaluation means:
 ■ the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
 ■ the design wind criteria is compared to the recent code requirements.

**CINGULAR WIRELESS
Antenna Modification**

Site Address: 2 Prestige Park Drive, East Hartford
Docket No. 40

Tower Owner/Manager: Springwich Cellular Limited Partnership;
managed by SpectraSite Communications, Inc.

Antenna configuration Antenna center line – 152’

Current and/or approved: 9 ALP 110 11 or comparable

Planned: 9 DUO4-8670 or comparable
6 tower mount amplifiers
1 LMU (at 39’)

Power Density:

Calculations for Cingular’s current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 5.0% of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular’s planned operations would be approximately 7.1%, or an additional 2.1% of the standard.

Cingular Current

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET	152	880 - 894	19	100	0.0296	0.5867	5.0

Cingular Planned

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET TDMA	152	880 - 894	16	100	0.0249	0.5867	4.2
SNET GSM	152	880 - 894	2	296	0.0092	0.5867	1.6
SNET GSM	152	1930 - 1935	2	427	0.0133	1.0000	1.3
Total							7.1%

Structural information: Please see attached.



RE: CT-0009 [EHFR – Prestige Park]
 Structural Evaluation of 150' ITT Meyer Monopole
 2 Prestige Park Road
 East Hartford, CT 06108
 Hartford County

Date: June 3, 2002

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on the requirements of the TIA/EIA-222-F Standard for a basic wind speed of **80 mph** without ice and 75% of the wind load with 1/2" radial ice.

Table 1. Existing and Proposed Antennas

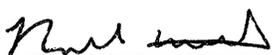
ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX*	NOTES
157 152	(1) 10' Omni (9) Swedcom ALP 11011 on Platform Mount with Handrails	Pagenet Cingular	(1) 1-5/8" (9) 7/8"	Remove Existing
157 152 152	(1) 10' Omni (9) CSS DUO4-8670 (6) CSS ADC Amplifiers on Platform Mount with Handrails	Pagenet Cingular	(1) 1-5/8" (9) 7/8"	Proposed Replacement
39	(1) Nokia CS72187.01 on Standoff Mount	Cingular	(1) 1/2"	Proposed

*Coax installed inside monopole.

The subject tower and foundation are *adequate* to support the above stated loads and *in conformance* with the requirements of TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Should any questions arise concerning this report please contact the undersigned.


 Raphael Mohamed, P. Eng.
 Project Engineer


 Calvin J. Payne, P.E.
 Chief Engineer



1 *Level 1 evaluation* means:
 • the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
 • the design wind criteria is compared to the recent code requirements.

**CINGULAR WIRELESS
Antenna Modification**

Site Address: Mountain Road, Hartford
Docket No. 40

Tower Owner/Manager: Springwich Cellular Limited Partnership;
managed by SpectraSite Communications, Inc.

Antenna configuration Antenna center line – 103'

Current and/or approved: 12 Allgon 7130 or comparable

Planned: 12 DUO4-8670 or comparable
9 tower mount amplifiers
1 LMU (at 26')

Power Density:

Calculations for Cingular's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 11.0% of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular's planned operations would be approximately 15.6%, or an additional 4.6% of the standard.

Cingular Current

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET	103	880 - 894	19	100	0.0644	0.5867	11.0

Cingular Planned

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET TDMA	103	880 - 894	16	100	0.0542	0.5867	9.2
SNET GSM	103	880 - 894	2	296	0.0201	0.5867	3.4
SNET GSM	103	1930 - 1935	2	427	0.0289	1.0000	2.9
Total							15.6%

Structural information: Please see attached.



RE: CT-0017 [Hrfr-South]
 Structural Evaluation of 100' Monopole
 11 Mountain Road
 Hartford, CT 06106
 Hartford County

Date: May 21, 2002

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on the requirements of the TIA/EIA-222-F Standard for a basic wind speed of 80 mph without ice and 75% of the wind load with 1/2" radial ice.

Table 1. Existing and Proposed Antennas

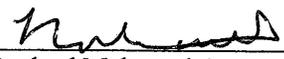
ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX*	NOTES
110 106 106 103	(1) Decibel DB860-C (1) ASB 9195WE (1) 3 Element Yagi (12) Allgon 7130.16.05.00 on Platform Mount with Handrails	Cingular	(1) 1-5/8" (1) 1-5/8" (1) 1/2" (12) 7/8" [I]	Remove Existing
110 106 106 103 103	(1) Decibel DB860-C (1) ASB 9195WE (1) 3 Element Yagi (12) CSS DUO4-8670 (9) CSS ADC Amplifiers on Platform Mount with Handrails	Cingular	(1) 1-5/8" (1) 1-5/8" (1) 1/2" (12) 7/8" [I]	Proposed Replacement
87	(6) EMS RR90-17-02DP on T-Arm Mounts	Voicestream	(12) 1-5/8" [I]	Existing
75	(1) Scala AP8-850/105N on Standoff Mount	Town of W. Hartford	(1) 1/2" [O]	Existing
60	(1) Scala AP8-850/105N on Standoff Mount	Town of W. Hartford	(1) 1/2" [O]	Existing
26	(1) Nokia CS72187.01 on Standoff Mount	Cingular	(1) 1/2" [O]	Proposed

* [I] / [O] represents coax installed inside or outside monopole, respectively.

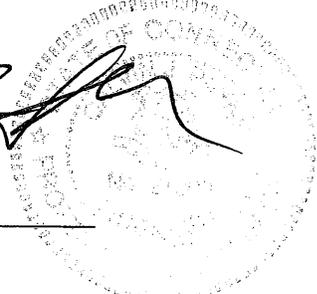
The subject tower and foundation are *adequate* to support the above stated loads and *in conformance* with the requirements of TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Should any questions arise concerning this report please contact the undersigned.


 Raphael Mohamed, P. Eng.
 Project Engineer


 06-13-2002
 Calvin J. Payne, P.E.
 Chief Engineer



¹ Level 1 evaluation means:
 ■ the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
 ■ the design wind criteria is compared to the recent code requirements.

**CINGULAR WIRELESS
Antenna Modification**

Site Address: 125 South Main Street, West Hartford
exempt modification 1/98 (original 12/93)

Tower Owner/Manager: Springwich Cellular Limited Partnership;
managed by SpectraSite Communications, Inc.

Antenna configuration Antenna center line – 106'

Current and/or approved: 9 ALP 110 11 or comparable

Planned: 9 DUO4-8670 or comparable
6 tower mount amplifiers
1 LMU (at 26')

Power Density:

Calculations for Cingular's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 10.4% of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular's planned operations would be approximately 14.7%, or an additional 4.3% of the standard.

Cingular Current

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET	106	880 - 894	19	100	0.0608	0.5867	10.4

Cingular Planned

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET TDMA	106	880 - 894	16	100	0.0512	0.5867	8.7
SNET GSM	106	880 - 894	2	296	0.0189	0.5867	3.2
SNET GSM	106	1930 - 1935	2	427	0.0273	1.0000	2.7
Total							14.7%

Structural information: Please see attached.



RE: CT-0044 [Whfr – West Hartford]
 Structural Evaluation of 104' Monopole
 125 South Main Street
 West Hartford, CT 06107
 Hartford County

Date: May 22, 2002

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on the requirements of TIA/EIA-222-F Standards for a basic wind speed of **80 mph** without ice and 75% of the wind load with ½" radial ice.

Table 1. Existing and Proposed Antennas

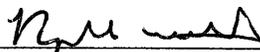
ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX*	NOTES
106	(9) Swedcom ALP11011 on Platform Mount with Handrails	Cingular	(12) 7/8"	Remove Existing
106	(9) CSS DUO4-8670 (6) CSS ADC Amplifiers on Platform Mount with Handrails	Cingular	(12) 7/8"	Proposed Replacement
26	(1) Nokia CS72187.01 on Standoff Mount	Cingular	(1) ½"	Proposed

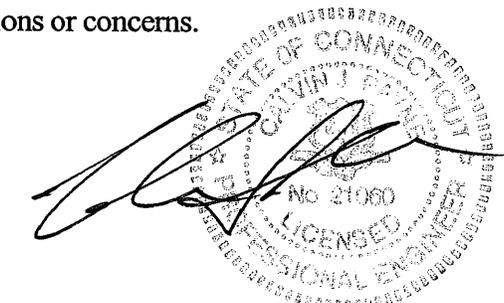
*Coax installed inside monopole.

The subject tower, and it's foundation, are *adequate* to support the above stated loads and *in conformance* with the requirements of TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Please do not hesitate to give me a call if you have any questions or concerns.


 Raphael Mohamed, P. Eng.
 Project Engineer



06-13-2002
 Calvin J. Payne, P.E.
 Chief Engineer

¹ Level 1 evaluation means:

- the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
- the design wind criteria is compared to the recent code requirements.

CINGULAR WIRELESS
Antenna Modification

Site Address: 75 Wells Street, Wethersfield
 exempt modification 5/13/98 (original 12/94)

Tower Owner/Manager: Springwich Cellular Limited Partnership;
 managed by SpectraSite Communications, Inc.

Antenna configuration Antenna center line – 107'

Current and/or approved: 10 Allgon 7120 or comparable

Planned: 9 DUO4-8670
 6 tower mount amplifiers
 1 LMU (at 26')

Power Density:

Calculations for Cingular's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 10.2% of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular's planned operations would be approximately 14.4%, or an additional 4.2% of the standard.

Cingular Current

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET	107	880 - 894	19	100	0.0597	0.5867	10.2

Cingular Planned

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET TDMA	107	880 - 894	16	100	0.0502	0.5867	8.6
SNET GSM	107	880 - 894	2	296	0.0186	0.5867	3.2
SNET GSM	107	1930 - 1935	2	427	0.0268	1.0000	2.7
Total							14.4%

Structural information: Please see attached.



RE: CT-0043 [Wtfd-Co]
 Structural Evaluation of 104' Monopole
 75 Wells Road
 Wethersfield, CT 06019
 Hartford County

Date: May 23, 2002

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on the requirements of the TIA/EIA-222-F Standard for a basic wind speed of 80 mph without ice and 75% of the wind load with 1/2" radial ice.

Table 1. Existing and Proposed Antennas

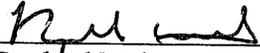
ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX*	NOTES
107	(10) Allgon 7120.16 on Platform Mount with Handrails	Cingular	(10) 7/8"	Remove Existing
107	(9) CSS DUO4-8670 (6) CSS ADC Amplifiers on Platform Mount with Handrails	Cingular	(9) 7/8"	Proposed Replacement
26	(1) Nokia CS72187.01 on Standoff Mount	Cingular	(1) 1/2"	Proposed

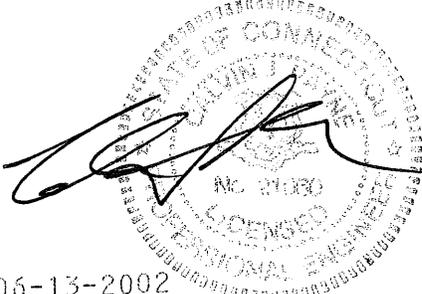
*Coax installed inside monopole.

The subject tower and foundation are *adequate* to support the above stated loads and *in conformance* with the requirements of TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Should any questions arise concerning this report please contact the undersigned.


 Raphael Mohamed, P. Eng.
 Project Engineer


 06-13-2002
 Calvin J. Payne, P.E.
 Chief Engineer

1 *Level 1 evaluation* means:
 ■ the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
 ■ the design wind criteria is compared to the recent code requirements.

**CINGULAR WIRELESS
Antenna Modification**

Site Address: 2 West Street, Rocky Hill
Docket No. 151

Tower Owner/Manager: Springwich Cellular Limited Partnership;
managed by SpectraSite Communications, Inc.

Antenna configuration Antenna center line – 103'

Current and/or approved: 9 ALP 9212 or comparable

Planned: 9 DUO4-8670 or comparable
6 tower mount amplifiers
1 LMU (at 26')

Power Density:

Calculations for Cingular's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 11.0% of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular's planned operations would be approximately 15.6%, or an additional 4.6% of the standard.

Cingular Current

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET	103	880 - 894	19	100	0.0644	0.5867	11.0

Cingular Planned

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
SNET TDMA	103	880 - 894	16	100	0.0542	0.5867	9.2
SNET GSM	103	880 - 894	2	296	0.0201	0.5867	3.4
SNET GSM	103	1930 - 1935	2	427	0.0289	1.0000	2.9
Total							15.6%

Structural information: Please see attached.



RE: CT-0015 [Rkhl – Rocky Hill]
Structural Evaluation of 104' Monopole
2 West Street
Rocky Hill, CT 06067
Hartford County

Date: *May 22, 2002*

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on the requirements of TIA/EIA-222-F Standards for a basic wind speed of **80 mph** without ice and 75% of the wind load with ½" radial ice.

Table 1. Existing and Proposed Antennas

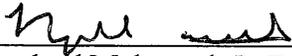
ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX *	NOTES
103	(9) Swedcom ALP9212-N on Platform Mount with Handrails	Cingular	(9) 7/8"	Remove Existing
103	(9) CSS DUO4-8670 (6) CSS ADC Amplifiers on Platform Mount with Handrails	Cingular	(9) 7/8"	Proposed Replacement
26	(1) Nokia CS72187.01 On Standoff Mount	Cingular	(1) ½"	Proposed

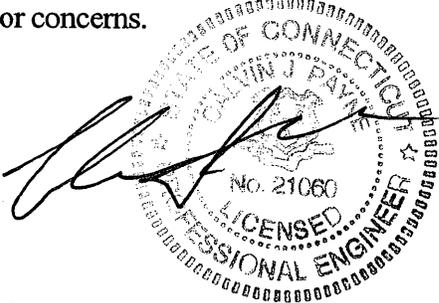
**Coax installed inside monopole.*

The subject tower, and it's foundation, are *adequate* to support the above stated loads and *in conformance* with the requirements of TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Please do not hesitate to give me a call if you have any questions or concerns.


 Raphael Mohamed, P. Eng.
 Project Engineer


 06-13-2002
 Calvin J. Payne, P.E.
 Chief Engineer

1 *Level 1 evaluation* means:
 ■ the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
 ■ the design wind criteria is compared to the recent code requirements.



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@po.state.ct.us

Web Site: www.state.ct.us/csc/index.htm

June 20, 2002

Honorable Donald Trinks
Mayor
Town of Windsor
Town Hall
275 Broad Street
Windsor, CT 06095-0472

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in **East Hartford**, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mayor Trinks:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for June 25, 2002, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Mario Zavarella, Town Planner, Town of Windsor
R. Leon Churchill, Jr., Town Manager, Town of Windsor



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June 18, 2002

Honorable Barbara Orsini Surwilo
Mayor
Town of Rocky Hill
Town Hall
699 Old Main Street
P. O. Box 657
Rocky Hill, CT 06067

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mayor Surwilo:

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Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Kimberly Ricci, Director of Planning, Town of Rocky Hill
Nick LaRosa, Town Manager, Town of Rocky Hill



STATE OF CONNECTICUT

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June 18, 2002

Honorable Barbara Orsini Surwilo
Mayor
Town of Rocky Hill
Town Hall
699 Old Main Street
P. O. Box 657
Rocky Hill, CT 06067

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

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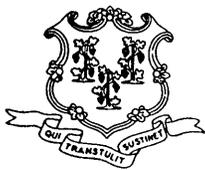
Very truly yours,

S. Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Kimberly Ricci, Director of Planning, Town of Rocky Hill
Nick LaRosa, Town Manager, Town of Rocky Hill



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Web Site: www.state.ct.us/esc/index.htm

June 18, 2002

Barry M. Feldman
Town Manager
Town of West Hartford
Town Hall
50 South Main Street, Room 313
West Hartford, CT 06107-2431

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mr. Feldman:

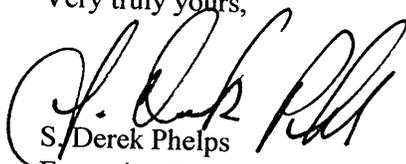
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Thank you for your cooperation and consideration.

Very truly yours,


S. Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Mila Limson, Senior Planner, Town of West Hartford



STATE OF CONNECTICUT

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Web Site: www.state.ct.us/csc/index.htm

June 18, 2002

Eddie A. Perez
Mayor
City of Hartford
Municipal Building
550 Main Street
Hartford, CT 06103

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mayor Perez:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for June 25, 2002, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

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Thank you for your cooperation and consideration.

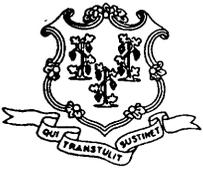
Very truly yours,

S/Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Robert A. LaPorte, Chairman of City Plan Com., City of Hartford
Saundra Kee-Borges, City Manager, City of Hartford



STATE OF CONNECTICUT

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June 18, 2002

Honorable Marianne Lassman-Fisher
Mayor
Town of South Windsor
Town Hall
1540 Sullivan Avenue
South Windsor, CT 06074-2786

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mayor Lassman-Fisher:

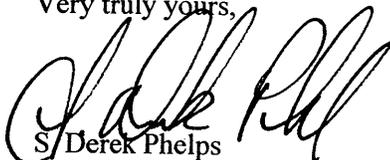
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Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,



S/Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Marcia Banach, Director of Planning, Town of South Windsor
Matthew B. Galligan, Town Manager, Town of South Windsor



STATE OF CONNECTICUT

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June 18, 2002

Honorable Timothy D. Larson
Mayor
Town of East Hartford
Town Hall
740 Main Street
East Hartford, CT 06108-3114

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mr. Larson:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

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Thank you for your cooperation and consideration.

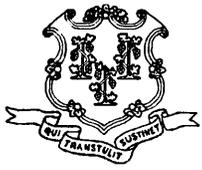
Very truly yours,

S. Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Michael J. Dayton, Town Planner, Town of East Hartford



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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June 18, 2002

Honorable Wayne J. Sassano
Mayor
Town of Wethersfield
Town Hall
505 Silas Deane Highway
Wethersfield, CT 06109

RE: **EM-CING-043-064-119-132-155-159-164-020617** - SNET Mobility, LLC notice of intent to modify existing telecommunications facilities located in East Hartford, Hartford, Rocky Hill, South Windsor, West Hartford, Wethersfield, and Windsor, Connecticut.

Dear Mayor Sassano:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for June 25, 2002, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/laf

Enclosure: Notice of Intent

c: Stuart B. Popper, Town Planner, Town of Wethersfield
Lee C. Erdman, Town Manager, Town of Wethersfield



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June 18, 2002

Honorable Timothy D. Larson
Mayor
Town of East Hartford
Town Hall
740 Main Street
East Hartford, CT 06108-3114

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Dear Mr. Larson:

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Executive Director

SDP/laf

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c: Michael J. Dayton, Town Planner, Town of East Hartford