



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@ct.gov

www.ct.gov/csc

VIA ELECTRONIC MAIL

January 2, 2020

Richard Zajac
Network Real Estate Specialist
Crown Castle
300 Meridian Centre
Rochester, NY 14618

RE: **EM-VER-131-191217** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 625 Spring Street, Southington, Connecticut.

Dear Mr. Zajac:

The Connecticut Siting Council (Council) is in receipt of your correspondence of December 31, 2019 submitted in response to the Council's December 24, 2019 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman
Executive Director

MAB/IN/emr



Robidoux, Evan

From: Zajac, Richard <Richard.Zajac@crowncastle.com>
Sent: Tuesday, December 31, 2019 10:16 AM
To: Mathews, Lisa A
Cc: CSC-DL Siting Council
Subject: RE: Council Incomplete Letter for EM-VER-131-191217 (625 Spring Street, Southington)
Attachments: EM-VER-131-191217 - 625 Spring Street - Revised EME report.pdf

Good morning,

Please see the attached. A hard copy of this document will be sent out tonight, to arrive no later than Thursday, January 2nd.

If you have any questions or concerns, please do not hesitate to contact me.

Thank you,

RICH ZAJAC

Network Real Estate Specialist

T: (585) 445-5896 M: (607) 346-7212

F: (724) 416-4461

CROWN CASTLE

4545 East River Road, Suite 320

West Henrietta, NY 14586

From: Mathews, Lisa A <Lisa.A.Mathews@ct.gov>
Sent: Tuesday, December 24, 2019 12:29 PM
To: Zajac, Richard <Richard.Zajac@crowncastle.com>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: Council Incomplete Letter for EM-VER-131-191217 (625 Spring Street, Southington)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please see the attached correspondence.

Lisa A. Mathews

Office Assistant

Connecticut Siting Council

10 Franklin Square

New Britain, CT 06051

Lisa.A.Mathews@ct.gov

(860) 827-2957

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4545 East River Road, Suite 320
West Henrietta, NY 14586

December 31, 2019

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE Council Incomplete Letter dated 12/24/2019
EM-VER-131-191217

*Notice of Exempt Modification for Verizon
Crown Castle site ID#: 876334
625 Spring Street, Southington CT 06489
Lat: 41° -37' 56.9"/ Long: -72° -53' 39.3"*

Dear Ms. Bachman:

Pursuant to the Council Incomplete Letter dated 12/24/2019, please see the attached revised radio frequency emissions report. Should you require additional information to resume the review process, do not hesitate to contact me.

Sincerely,

A handwritten signature in grey ink, appearing to read 'Richard Zajac'.

Richard Zajac
Network Real Estate Specialist
4545 East River Road, Suite 320
West Henrietta, NY 14586
585-445-5896
richard.zajac@crowncastle.com

Exhibit F

Power Density/RF Emissions Report

General Power Density

Site Name: Southington, CT
 Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm ²)	(mW/cm ²)	(%)
VZW CBRS	3600	1	50	50	132	0.0010	1.0	0.10%
VZW PCS	1970	1	6375	6375	132	0.1316	1.0	13.16%
VZW Cellular LTE	869	1	1630	1630	132	0.0336	0.5793333333	5.81%
VZW Cellular	869	3	411	1233	132	0.0254	0.5793333333	4.39%
VZW AWS	2145	1	6310	6310	132	0.1302	1.0	13.02%
VZW 700	746	1	2750	2750	132	0.0568	0.4973333333	11.41%

Total Percentage of Maximum Permissible Exposure 47.90%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.13101 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:

1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period; and,
3. all RF energy is assumed to be directed solely to the base of the pole.