

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF NEW CINGULAR  
WIRELESS PCS, LLC (AT&T) FOR A  
CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED  
FOR THE CONSTRUCTION,  
MAINTENANCE AND OPERATION OF  
A TELECOMMUNICATIONS TOWER  
FACILITY AT 316 PERKINS ROAD IN  
THE TOWN OF SOUTHURY

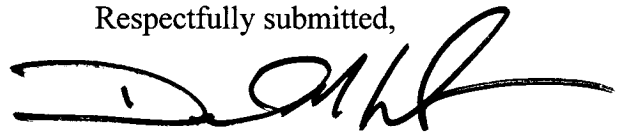
DOCKET NO. 383

May 27, 2010

**NEW CINGULAR WIRELESS PCS, LLC ("AT&T")  
POST HEARING SUPPLEMENTAL SUBMISSION OF  
INFORMATION REQUESTED BY THE SITING COUNCIL**

At the April 27, 2010 hearing on the captioned Docket, the Siting Council requested new power density analyses for an AT&T facility of varying heights including 150', 140', 130' and 120' AGL. Attached are those analyses.

Respectfully submitted,



Daniel M. Laub, Esq.  
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New Cingular Wireless PCS, LLC  
 500 Enterprise Drive  
 Rocky Hill, Connecticut 06067-3900  
 Phone: (732) 267-3359  
 Fax: (860) 513-7190

**Kevin D. Dey**  
 Real Estate Consultant

May 26, 2010

TO: Attorney Daniel Laub  
 FROM: Kevin D. Dey  
 RE: Power Density Calculation for Antennas on a Proposed Tower at 316 Perkins Road, Southbury, CT. 06488

The cumulative worst-case power density for this site in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at ground level beside the tower follows.

This worst-case calculation assumes all channels working simultaneously at full power with the antennas facing directly downward.

	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm <sup>2</sup> )	Standard Limits (mW/cm <sup>2</sup> )	Percent of Limit
AT&T GSM	150	1900 Band	1	427	0.0068	1.0000	0.68
AT&T GSM	150	880 - 894	3	296	0.0142	0.5867	2.42
AT&T UMTS	150	880 - 894	1	500	0.0080	0.5867	1.36
AT&T UMTS	150	1900 Band	1	500	0.0080	0.5867	1.36
<b>Total</b>							<b>5.8%</b>



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AT&T GSM	140	1900 Band	1	427	0.0078	1.0000	0.78
AT&T GSM	140	880 - 894	3	296	0.0163	0.5867	2.78
AT&T UMTS	140	880 - 894	1	500	0.0092	0.5867	1.56
AT&T UMTS	140	1900 Band	1	500	0.0092	0.5867	1.56
<b>Total</b>							<b>6.7%</b>



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AT&T GSM	130	1900 Band	1	427	0.0091	1.0000	0.91
AT&T GSM	130	880 - 894	3	296	0.0189	0.5867	3.22
AT&T UMTS	130	880 - 894	1	500	0.0106	0.5867	1.81
AT&T UMTS	130	1900 Band	1	500	0.0106	0.5867	1.81
<b>Total</b>							<b>7.8%</b>



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AT&T GSM	120	1900 Band	1	427	0.0107	1.0000	1.07
AT&T GSM	120	880 - 894	3	296	0.0222	0.5867	3.78
AT&T UMTS	120	880 - 894	1	500	0.0125	0.5867	2.13
AT&T UMTS	120	1900 Band	1	500	0.0125	0.5867	2.13
<b>Total</b>							<b>9.1%</b>

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and twenty (20) copies of the foregoing and attached was served on the Connecticut Siting Council by overnight mail with copy also sent via electronic mail.

Dated: May 27, 2010

A handwritten signature in black ink, appearing to read "D.M. Laub", is written over a horizontal line.

Daniel M. Laub  
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445 Hamilton Avenue, 14<sup>th</sup> Floor  
White Plains, New York 10601  
Attorneys for:  
AT&T

cc: Michele Briggs, AT&T  
Kevin Dey, SAI