



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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December 23, 2009

Christopher B Fisher, Esq.
Daniel M. Laub, Esq.
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, NY 10601

RE: **DOCKET NO. 391** - T-Mobile Northeast, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located 232 Shore Drive, Old Lyme, Connecticut.

Dear Attorneys Fisher and Laub:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than January 6, 2009. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 15 copies to this office. In accordance with the State Solid Waste Management Plan, the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. A list of parties and intervenors dated December 23, 2009, is enclosed. Fewer copies of bulk material may be provided as appropriate.

Yours very truly,

A handwritten signature in black ink, appearing to read "S. Derek Phelps".

S. Derek Phelps
Executive Director

SDP/MP

c: Council Members
Parties and Intervenors

Docket No. 391
Pre-Hearing Questions
Set One

1. What is New Cingular Wireless PCS, LLC's (AT&T) existing signal strength in the area that would be covered by the proposed facility?
2. What is the minimum signal level AT&T would consider acceptable for service in the vicinity of the proposed site?
3. What is the minimum signal level that AT&T requires in order to provide adequate in-vehicle coverage? What is the minimum signal level that AT&T requires in order to provide adequate in-building coverage?
4. At what height would AT&T center its antennas on the proposed tower? How many antennas would be installed? How would the antennas be mounted, e.g. T-arm, low-profile platform, etc.?
5. Provide the distance and direction from the proposed site to the existing (or proposed) sites that the proposed tower would interact with. Also include the addresses, tower heights, antenna heights and tower types (e.g. monopole).
6. Would flush-mounted or T-arm-mounted antennas provide the required coverage? Would either configuration result in reduced coverage and/or necessitate greater antenna height? Explain.
7. Would AT&T provide cellular coverage initially and then PCS service later? Explain.
8. Provide existing and proposed coverage plots assuming AT&T's antennas are centered at their proposed height, ten feet lower, and twenty feet lower, respectively.
9. Provide the individual lengths of the coverage gaps (in miles) for the roads that AT&T seeks to provide coverage to. Describe criteria and parameters in determining the lengths of the road.
10. Provide the individual lengths of coverage (in miles) that would be provided by the proposed facility on the roads that AT&T seeks to provide coverage to. Provide similar data assuming the tower is ten feet shorter and twenty feet shorter, respectively.
11. Provide the areas (in square miles) that would be covered by this facility assuming that AT&T's antennas are centered at the proposed height, ten feet shorter, and twenty feet shorter, respectively.
12. Provide the following information: number of channels per sector for each antenna system that would be installed on the proposed tower, ERP per channel for each antenna system, and frequency at which each antenna system would operate. Also, provide a power density analysis of AT&T's proposed antennas to determine the worst-case percent maximum permissible exposure at the tower base.

13. Is AT&T familiar with the proposed SBA Towers II LLC facility at 14 Cross Lane, Old Lyme? If AT&T co-located at this facility, could it provide adequate coverage to the target area that AT&T seeks to cover via the 232 Shore Road tower site? Explain.
14. Would AT&T install an equipment shelter and/or locate its equipment on an equipment pad? Provide the dimensions of the shelter and/or pad.
15. Would AT&T have backup power at its tower site? How would backup power be provided, e.g. battery, diesel generator, etc.? Has AT&T considered using a fuel cell as a backup power source for the proposed facility? Explain.
16. If a generator or fuel cell is to be used as a backup power source, would AT&T meet all applicable noise standards at the subject property boundaries?