

Docket No. 203/Petition 559
New England Site Management, LLC
Development and Management Plan
Simsbury
Staff Report
May 21, 2002

New England Site Management, LLC (NESM) has submitted a Development and Management (D&M) Plan to the Connecticut Siting Council (Council) consistent with the Council's decision dated November 7, 2001.

Consistent with the Council's Decision and Order (D&O), Condition (1) NESM submitted a petition for declaratory ruling to extend the height of the tower from 130 feet above ground level (AGL) to 150 feet AGL. The tower would accommodate seven carriers with antenna platforms identified beginning at 90 feet to 150 feet at 10-foot intervals. Cingular Wireless would be located at 150 feet AGL, Verizon Wireless at 140 feet AGL, Nextel Communications at 130 feet AGL, AT&T Wireless at 120 feet AGL, VoiceStream at 110 feet AGL, NESM at 100 feet AGL, and the Town of Simsbury at 90 feet AGL. The tower will be designed to withstand an 80-mile per hour (mph) wind with ½ inch radial ice. The structural analysis was done for a 190-foot tower, although the applicant is proposing a 150-foot tower.

NESM proposes to construct three 8 foot by 20-foot concrete pads for AT&T, VoiceStream, and a pad shared by the Town of Simsbury and NESM. Two 12 foot by 30 foot equipment buildings would house the equipment of Verizon and Cingular, and one 12 foot by 24 foot equipment building would be used for Nextel's equipment.

Access to the site would be from Grist Mill Road, within the Powder Forest Industrial Park. The 25-foot wide access road would extend approximately 1100 feet to the facility. Utilities would be placed underground along the proposed access drive.

Some clearing is necessary for the construction of the facility. Silt fencing would be installed along the north side of the access road and around the equipment compound prior to construction. An 8-foot high wooden fence will enclose the compound. Landscaping will be placed around the lease area.

Consistent with the Council's D&O, Condition (3), the cumulative worst-case radio frequency power density levels, as certified by a Texas registered professional engineer, for Cingular, Verizon, Nextel, AT&T, VoiceStream, New England Site Management, and the Town of Simsbury would be approximately 10.9% of the applicable ANSI standard at the closest point of uncontrolled access at the tower base. NESM was unable to provide the Council, to date, with specifications for each carrier's equipment to be used for staff to check the accuracy of the power density levels provided.

Dwyer has complied with the Council's Decision and Order dated November 7, 2001 for the proposed Simsbury site and Council staff recommends approval of this D&M plan.