



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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Petition No. 306  
Bell Atlantic Metro Mobile  
Cromwell, Connecticut  
June 8, 1993

On June 2, 1993, Connecticut Siting Council (Council) Chairman Mortimer A. Gelston, Council Executive Director Joel M. Rinebold, and Stephen M. Howard of the Council's staff met with Joseph P. Puziewicz of Bell Atlantic Metro Mobile (BAMM) to review BAMM's petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need (Certificate) would be required for the installation of telecommunication antennas and an equipment cabinet on an existing building in Cromwell, Connecticut.

The existing building is a 25-foot above ground level (AGL) cement-block barn. BAMM is proposing to attach two "panel" antennas on the barn at 18-feet AGL. The antennas would not extend above the roofline of the barn. One of the antennas would handle traffic along the Interstate 91/Route 9 area where BAMM currently has a hole. The remaining antenna would relay the calls to BAMM's existing Middletown cell site.

BAMM has already attached the two-foot by three-foot equipment cabinet on the side of the barn. BAMM also plans to ground the barn to protect the equipment from lightning strikes. No clearing or other physical change to the site would be needed.

The power density would be approximately 0.056 milliWatts per square centimeter ( $\text{mW}/\text{cm}^2$ ) at ground level beside the barn. The current maximum allowable exposure limit for the proposed frequencies to be used at the site pursuant to the most recent standards set by the American National Standards Institute is  $0.5833 \text{ mW}/\text{cm}^2$ .

Staff believes that the proposed installation of antennas and an equipment cabinet on the existing barn would not have a substantial adverse environmental effect that would require a Certificate.

Stephen M. Howard  
Siting Analyst

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