STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL
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Petition No. 311
Metro Mobile CTS of Fairfield County, Inc.
Redding, Connecticut
Staff Report
November 9, 1993

Metro Mobile CTS of Fairfield County, Inc. (Metro Mobile) is petitioning the Connecticut Siting Council (Council) for a declaratory ruling that the proposed installation of cellular antennas on an existing 120-foot wind tower at 80 Lonetown Road in Redding, Connecticut would not have a substantial adverse environmental effect and therefore would not require a Certificate of Environmental Compatibility and Public Need from the Council. On November 8, 1993, Chairman Mortimer A. Gelston and Gloria Dibble Pond of the Council and Robert K. Erling of the Council staff reviewed this petition.

Metro Mobile proposes to install four whip type transmit/receive antennas, mounted on two side arms between 100 and 110 feet above ground level on the existing lattice tower. The attached antennas would not extend above the top of the tower. Metro Mobile would construct a 6-foot by 2.5-foot by 6-foot self-contained enclosure with radio equipment near the base of the existing tower. The enclosure would be surrounded by an eight-foot high security fence. A building permit would be obtained from the Town of Redding.

The wind power facility, constructed in the mid-1980s, produces power for the residence on the proposed site, with excess power being sold to Northeast Utilities. The proposed antennas would be mounted below the wooden blades of the wind power facility. Metro Mobile does not expect any interference with cellular communications from the operation of the wind-powered equipment.

Metro Mobile contends that this project would have no effect on the ecology of the site, maximum radio frequency power density levels would be well below state standards, the proposed installation would not increase noise levels at the site boundary by six decibels or more, and the boundaries of the site would not be extended by the project.

Robert K. Erling
Senior Siting Analyst

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