



STATE OF CONNECTICUT

POWER FACILITY EVALUATION COUNCIL

Petition No. 69
Colchester and New Haven
June 25, 1981

Mr. Clark, Mr. Clapp, and Duncan Reid met Mr. Kirker, Regional Transit Manager for the Bureau of Public Transportation, for a field review of Petition No. 69.

This petition involves the addition of two microwave antennas to an existing telecommunication tower in Colchester and one microwave antenna to an existing telecommunication tower in New Haven.

Two towers exist at the Colchester site, a 200 foot tall self supporting structure, and a guyed tower approximately 100 feet tall. Both towers are owned by Colchester Emergency Communications, Inc., a private company not regulated under PUESA. The Department of Transportation plans to attach two 6 foot or 8 foot microwave dishes on the self-supporting tower which is structurally capable of supporting these two additions. The antennas will be mounted at approximately the 150 foot and 200 foot levels. There is a possibility that a short extension on the top of the tower may be required to obtain an unobstructed beam path. This will be clarified by the contractor after the bid for this work is awarded. Mr. Kirker is aware that another approval will be necessary if the tower must be extended. The proposed dishes will send and receive signals to existing facilities on John Tom Hill in Glastonbury and the State Police tower in Ledyard.

The Colchester tower is on the edge of an open field on Buckley Hill Road. It is a rural, sparsely populated area. There is one house directly across the street from the site.

The Department of Transportation owns and operates a 120 foot tall telecommunication tower on West Rock in New Haven. This self-supporting structure presently supports two microwave antennas, several stick antennas, and two unused reflector antennas. The Department of Transportation plans to remove the two unused reflector antennas, replace one stick antenna, add one 6 foot or 8 foot microwave dish to the tower, and construct a concrete equipment enclosure at the base of the tower. The existing equipment enclosure is not large enough to accommodate the new equipment. The new microwave dish will send signals to and receive signals from the Connecticut Transit property on James Street in New Haven.

The New Haven site is on state property within West Rock Park which is no longer open to the public. It is a wooded area near the top of West Rock Ridge. The ridge is a prominent feature in the New Haven area, and the tower

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is visible from many somewhat distant locations. There are two other towers near the Department of Transportation tower on the ridge top, one operated by the F.B.I., and one operated by the Message Center.

Duncan D. Reid
Environmentalist
June 26, 1981

DCR:kp