

ORIGINAL

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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ROGER C. ZAKLUKIEWICZ
VICE PRESIDENT
TRANSMISSION & DISTRIBUTION

November 6, 1991

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, CT 06051

RECEIVED

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CONNECTICUT
SITING COUNCIL

Dear Mr. Gelston:

Re: The Connecticut Light and Power Company -
Notice Pursuant to Regulations of Connecticut
State Agencies Section 16-50j-73 of Intent to
Install Microwave Antennas on an Existing Structure

The Connecticut Light and Power Company (CL&P) plans to install six microwave antennas and related equipment at an existing tower site owned by Mountaintop Enterprises, Inc., located on Vernon Road in Bolton, Connecticut. Please accept this letter as notice of intent, pursuant to Regulations of Connecticut State Agencies (R.C.S.A.) Section 16-50j-73, of construction which constitutes an exempt modification under Section 16-50j-72(c).

CL&P plans to install the antennas on the existing Mountaintop Enterprises, Inc. tower. The existing tower is a 280 foot guyed structure. Under an agreement with Mountaintop Enterprises, Inc., CL&P plans to:

1. attach one 8-foot diameter antenna at the 208-foot level;
2. attach one 8-foot diameter antenna at the 200-foot level;
3. attach one 6-foot diameter antenna at the 200-foot level;
4. attach two 6-foot diameter antennas at the 150-foot level; and
5. attach one 8-foot diameter antenna at the 100-foot level.

CL&P's antennas and equipment constitute an exempt modification as defined in R.C.S.A. Section 16-50j-72(c). The use of the Mountaintop Enterprises, Inc. tower falls within those activities which explicitly do not constitute a substantial environmental effect, as set forth in R.C.S.A. Section 16-50j-72(c).

First, the height of the existing 280-foot tower structure will be unaffected. CL&P's antennas will be mounted well below the top of the structure such that no significant changes or alterations will occur to the physical and environmental characteristics of the site.

Second, CL&P's antenna additions will not increase the boundaries of the Mountaintop Enterprises, Inc. tower site.

Third, CL&P's antenna additions will not increase noise levels at the existing facility by six decibels or more.

Fourth, CL&P's antennas will not increase the total radio frequency electromagnetic radiation power density measured at the boundary of the Mountaintop Enterprises, Inc. tower site to a level at or in excess of $.1\text{mW}/\text{cm}^2$. CL&P's equipment would result in a maximum calculated power density of $0.00000296\text{mW}/\text{cm}^2$ at the boundaries of the tower site.

Fifth, Mountaintop Enterprises, Inc. has received all municipal zoning and building permits for the tower and equipment enclosures. Attached as Exhibit 1 is a copy of the Certificate of Occupancy.

Modifications which meet the requirements of R.C.S.A. Section 16-50j-72(c) are specifically excluded from the finding under R.C.S.A. Section 16-50j-71 that telecommunications towers and modifications thereto "may have a substantial adverse environmental effect". The Council, by regulation, has determined that there is no need for additional review of modifications which result in a minimal environmental effect, as defined in R.C.S.A. Section 16-50j-72(c).

CL&P respectfully submits that the addition of its antennas and equipment to the tower site constitutes an exemption facility which meets the standards set forth in R.C.S.A. Section 16-50j-72(c).

Very truly yours,


Roger C. Zaklukiewicz

HLD/cs

Attachments:

- 1) Certificate of Use and Occupancy for Tower

CERTIFICATE OF USE AND OCCUPANCY
BOLTON, CONNECTICUT

No 2479

This is to certify that: BUILDING, TOWER, ANTENNA at

| | | | |
|---------------|-------|--|----------|
| LOCATION | | | ZONE |
| 130 Vernon Rd | | | |
| STREET | | | CARD NO. |
| 15 | 21 | | 7 |
| MAP | BLOCK | | LOT |

under Permit No. 1269 conforms substantially to the requirements of the Building Code, Sanitation Code and the Zone Ordinance of the Town of Bolton and is hereby approved for occupancy as indicated below.

Approved for occupancy. July 10, 1991

Date 7.10.91 *Lincoln White* Building Official

Notice: — If this certificate is lost or destroyed, a duplicate should be immediately obtained from the Department of Buildings.
Any change or extension of the use herein approved requires a new certificate of occupancy.
Copies of this certificate may be obtained at the Department of Buildings at a charge of seventy-five cents each.