



February 16, 2005

Pamela B. Katz
Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06501

***Re: Docket 272, Application of The Connecticut Light and Power Company
and The United Illuminating Company ("Companies"):***

Dear Chairman Katz,

Enclosed are drawings and other information concerning structure heights and magnetic field calculations for the Valley View Drive area in Wallingford that the Companies provided to the Town of Wallingford in response to the Town's request for options that would reduce the height of structures in the Valley View Drive area.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Anne Bartosewicz', written over a horizontal line.

Anne Bartosewicz
Project Director
The Connecticut Light and Power Company

A handwritten signature in blue ink, appearing to read 'John J. Prete', written over a horizontal line.

John J. Prete
Project Director
The United Illuminating Company

cc: Service List



**Connecticut
Light & Power**

The Northeast Utilities System



The United Illuminating Company

Valley View Drive Magnetic Field Calculations (mG)			
Option▶ ▼ Location	Proposed Option (1)	Low Magnetic Field Design (2)	Best Design (3)
House 1 (-55.55')	9.2	5.5	9.0
House 2 (-48.01')	7.9	5.9	11.2
House 3 (-100.29')	3.7	3.2	4.5
House 4 (-89.62')	3.2	2.8	3.8
House 5 (168.46')	6.0	4.7	7.8
House 6 (178.85')	5.1	4.2	6.4
House 7 (141.15')	4.3	3.6	5.4

Valley View Drive Electric Field Calculations (kV/m)			
Option▶ ▼ Location	Proposed Option	Structure in Valley	Cost Optimized Structure Spotting
House 1	0.08	0.14	0.07
House 2	0.13	0.17	0.11
House 3	0.06	0.08	0.06
House 4	0.09	0.10	0.08
House 5	0.09	0.11	0.14
House 6	0.08	0.10	0.11
House 7	0.18	0.16	0.19

- (1) structures 506 and 507 are 157 feet
- (2) structures 506 and 507 are 182 feet
- (3) structure 507 is 117 feet; structure 506 is removed







