ORIGINAL

STATE OF CONNECTICUT

SITING COUNCIL

CONNECTICUT LIGHT & POWER COMPANY AND UNITED ILLUMINATING COMPANY

* FEBRUARY 23, 2004 (7:05 P.M.)

APPLICATION FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION OF A NEW 345-kV ELECTRIC TRANSMISSION LINE AND ASSOCIATED FACILITIES BETWEEN THE SCOVILL ROCK * SWITCHING STATION IN MIDDLETOWN AND THE NORWALK SUBSTATION IN

* DOCKET NO. 272

SITING COUNCIL

BEFORE: PAMELA B. KATZ, CHAIRMAN

NORWALK, CONNECTICUT

BOARD MEMBERS: Colin C. Tait, Vice Chairman CONNECTICUT

Daniel P. Lynch, Jr. Edward S. Wilensky

Brian O'Neill James J. Murphy, Jr.

S. Derek Phelps, Executive Director STAFF MEMBERS:

Fred O. Cunliffe, Siting Analyst

John Haines, AAG

APPEARANCES:

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1	Verbatim proceedings of a hearing
2	before the State of Connecticut Siting Council in the
· 3	matter of an application by Connecticut Light & Power
4	Company and United Illuminating Company, held at the Mary
5	L. Tracy School, 650 Schoolhouse Lane, Orange,
6	Connecticut, on February 23, 2004, at 7:05 p.m., at which
7	time the parties were represented as hereinbefore set
8	forth
9	
10	
11	CHAIRMAN PAMELA B. KATZ: Good evening.
12	Could everybody please take a seat, we're going to get
13	started. (Pause).
14	Good evening. My name is Pam Katz,
15	Chairman of the Connecticut Siting Council. On behalf of
16	all the members of the Council, I'd like to welcome you
17	to our public hearing here in Orange.
18	Before I read our formal opening
19	statement, I'd just like to make a few brief remarks.
20	This is the seventh stop in our eighth stop listening
21	tour on this application for a 345 transmission line from
22	Middletown to Norwalk. And we do this listening tour
23	because we don't know your towns as well as you do, and
24	we'd like to come to the towns and have you tell us how

1	you think this application is going to affect you.
2	There's three issues that we get a lot of
3	questions about and I'm going to briefly explain how
4	we're going to approach those; under-grounding, EMF's
5	(electromagnetic fields), and property values.
6	When we did Phase 1, which was the
7	transmission line from Bethel to Norwalk, the Siting
8	Council came to realize how important the issue of under-
9	grounding and how much of a line could be underground is
10	important. Therefore, in this document we've decided to
11	hire our own under-grounding expert, who will help us
12	cross-examine the Applicant, as well as perhaps providing
13	some direct testimony on the issue of how much of this
14	line can be underground. We're in the process of hiring
15	that person and they'll be on board by next month.
16	The other issue that has come up is
17	electromagnetic fields, EMF's. And as you've known, if
18	you've gotten as far as Volume 6 in the 12-volume
19	application, you know that we do look at EMF's, and the
20	Applicant has provided information on that. Thursday,
21	March 25 th , is going to be EMF evidence day at the Siting
22	Council in New Britain. What we're going to do is spend
23	that day on cross-examination on the EMF issue for
24	parties and intervenors and for the Siting Council. To

1	help you who are parties and intervenors if you want to
2	prep for that, we've created an EMF sub-page on our
3	website. If you go to the front page of the Siting
4	Council website, and our web address is on the easel
5	there, look for the red writing there and it will say
6	EMF's under Docket 272, and what we've done on that sub-
7	page is we've carved out the section of the application
8	having to do with EMF's. We've also put on that sub-page
9	the all the documents concerning EMF's that the
10	Council is taking administrative notice of. And as other
11	things come up concerning EMF's that are part of our
12	docket, we'll be posting them on that EMF page. So
13	again, go to our website.
14	The third issue that comes up is property
15	values and we always get the question well does the
16	Council look at property values. Well, with respect to
17	property values, I'd like to explain that the Council is
18	sensitive to the concerns of residents that an
19	application could affect their property values and we
20	look at it to the extent that we look at the proposed
21	structures under this application versus the existing
22	structures.
23	I'd like to I'd like to sort of remind
24	members of the public tonight when you get up to speak

1	that you're not just speaking to us. The Applicants,
2	Northeast Utilities and United Illuminating, are also
3	here, and you're speaking to them too. They have members
4	of their staff here who want to know what the public
5	concerns are. So you're not just speaking to us, you're
6	also speaking to the Applicants on that, and please keep
7	that in mind.
8	At this point, I'd like to read our
9	opening statement. Ladies and gentlemen, this hearing is
10	called to order 7:00 p.m., February 23, 2004.
11	My name is Pamela B. Katz, Chairman of the
12	Connecticut Siting Council. Other members of the Council
13	here are Vice Chairman Colin C. Tait; Edward S. Wilensky;
14	Brian O'Neill; Daniel P. Lynch, Jr.; and James J. Murphy,
15	Jr.
16	Members of the staff here are Derek
17	Phelps, Executive Director, and Fred Cunliffe, Siting
18	Analyst on this docket.
19	The court reporter is Tony Vanacore and
20	the audio technician is Ed Chamberlain.
21	This hearing tonight is held pursuant to
22	the provisions of the General Statutes 16-50g through 16-
23	50aa and Sections 16-50j-1 through 16-50j-34 of the
24	Regulations of Connecticut State Agencies on an

1	application of The Connecticut Light and Power Company
2	and United Illuminating Company for a Certificate of
3	Environmental Compatibility and Public Need for the
4	construction of a new 345 electric transmission line and
5	associated facilities between the Scovill Rock Switching
6	Station in Middletown and the Norwalk Substation in
7	Norwalk. This includes construction of the Beseck
8	Switching Station in Wallingford, the East Devon
9	Substation in Milford, and the Singer Substation in
10	Bridgeport, and modifications to the Scovill Rock
11	Switching Station and the Norwalk Substation and certain
12	interconnections. This application was received by the
13	Council on October 9, 2003.
14	This proceeding is a contested case under
15	the Uniform Administrative Procedure Act (UAPA) and will
16	be conducted in accordance with the applicable provisions
17	of the General Statutes of the State of Connecticut and
18	the Regulations of Connecticut State Agencies.
19	As required by law, ex parte or off-the-
20	record communication with a Council member or a Council
21	staff member on the merits of this application is
22	prohibited.
23	This hearing is held tonight solely for
24	the public to make brief oral statements into the record.

1	Specifically, this is an opportunity for citizens, who
2	are not formally participating in the process as parties
3	or intervenors, to make their views known to the Council.
4	These public statements are not subject to cross-
5	examination and submission thereof does not entitle the
6	submitter to the right of cross-examination of the
7	Applicant, parties and intervenors, or the Council.
8	In fairness to everyone who wishes to
9	speak, I'm going to limit statements to five minutes for
10	public officials and three minutes for members of the
11	public. And we have a stoplight right here. After
12	after when you have about one minute left, the
13	stoplight goes to flashing green to yellow to red. A
14	sign-up sheet is right over there by the easel for those
15	who wish to participate.
16	In addition, written statements sent to
17	the Council within 30 days after the last hearing session
18	in this proceeding will be given the same weight as
19	spoken statements. The mailing address for the Council
20	is 10 Franklin Square, New Britain, Connecticut 06051,
21	and that mailing address also appears on the easel.
22	A verbatim transcript will be made of each
23	hearing session, and all hearing transcripts will be
24	deposited with the town and city clerks within the

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1	municipalities of Middletown, Middlefield, Haddam,
2	Durham, Meriden, Wallingford, Cheshire, Haddam, Bethany,
3	Woodbridge, Orange, West Haven, Milford, Stratford,
4	Bridgeport, Fairfield, Westport, Norwalk, Easton,
5	Trumbull, Weston, Wilton, North Haven and New Haven.
6	(Applause). At the Woodbridge hearing I said that was my
7	gadola (phonetic) moment, but only a few people got that,
8	so. (Laughter).
9	After all the public hearings in the
10	municipalities have concluded, the Council will continue
11	the hearings for the purpose of cross-examination of
12	evidence by the Council, its staff, and parties and
13	intervenors. The time the dates, times and locations
14	of the evidentiary hearings will be noticed to the
15	parties and intervenors and posted on the Council's
16	website, ct.gov/csc.
17	First I'd like to recognize for some brief
18	opening remarks the First Selectman of Orange, Mitchell
19	Goldblatt, and then we will have a video. And then
20	afterwards, the First Selectman and other public
21	officials will speak.
22	MR. MITCHELL GOLDBLATT: Thank you,
23	Chairman Katz.

I'm First Selectman Mitch Goldblatt, Town

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1 of Orange. To the Connecticut Siting Council, on behalf 2 of the Town of Orange, I want to welcome you here this 3 evening. I expect to have some interesting testimony to come before you this evening, but I certainly want to 5 thank you because you said this is the seventh of eight, 6 but it really is the eighth because this particular 7 hearing was not planned. This hearing is as a result of 8 the overwhelming numbers that came out to Woodbridge two 9 weeks ago tonight and expressed a desire for an 10 additional hearing. And instead of not allowing people 11 to speak and instead of pushing people away, we agreed to 12 set up this additional public hearing. And it's my 13 thanks to you Chairman Katz and the members of the Siting 14 Council for having this hearing this evening for everyone 15 to participate. Thank you very much. (Applause). 16 CHAIRMAN KATZ: For the benefit of the public in attendance tonight, we have asked the Applicant 17 18 to explain the general nature of this application, its 19 proposed benefits, its alleged need, and what 20 alternatives were explored. In response to that request, 21 the Applicant has compiled a short video that addresses those issues in summary form. And I'll ask that the 22 23 Applicant introduce that video now. 24 COURT REPORTER: Give your name and spell

1	it please.
2	MR. JOHN PRETE: My name is John Prete, P
3	as in Peter, r-e-t-e. Good evening and thank you,
4	Chairman Katz, members of the Council, and distinguished
5	officials, and of course the public.
6	As I said, my name is John Prete, I'm the
7	Project Director for UI Company, I oversee the project
8	that's in front of us. And on behalf of UI and CL&P, we
9	have indeed prepared a video. The video, as Chairman
10	Katz has stated, is a summary. It talks about the need,
l1	the expressed need that faces Southwest Connecticut. It
12	talks about on a high level the solution. It gets into a
13	lot of detail on how that solution affects Orange as a
14	town.
15	In addition to that video, there's an
L 6	addendum video that we call the East Shore Alternative.
17	It is an alternative that the companies are diligently
18	working on, an alternative that was expressed from the
19	First Selectman of Wallingford. So with that, I'll ask
20	the video to start.
21	(Whereupon, a video presentation prepared
22	by the Applicant was played for the public.)
23	
24	VIDEO PRESENTATION

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2 The following is a brief summary of the Middletown/Norwalk Project Proposal prepared at the 3 request of the Connecticut Siting Council for use during 4 5 its public hearings. 6 Economic growth in Connecticut has brought 7 with it an increasing demand for electricity. Between 8 1990 and 2001, electric consumption grew by 27 percent statewide, significant growth despite Connecticut being 9 10 among the best in the country at conserving power. 11 During that same time period, electric consumption grew 12 by 30 percent in the southwest quarter of the State and 13 by 33 percent in the greater Norwalk/Stamford area. 14 Today, Southwest Connecticut accounts for half the power 15 consumption in the State. 16 Electrically, no state is an island. Every state relies on an interstate electric transmission 17 18 grid to move power to where it is needed. Most of the 19 time, Connecticut uses more power than it generates, and 20

needs to import about 2,000 megawatts or nearly one-third 21 of the power consumed in the State.

22 Most of Connecticut's imported power 23 enters and moves around the State on a 345-kilovolt or a 24 345-kV system. There are nearly 400 miles of 345-kV

1	lines in Connecticut. It is the standard voltage for
2	moving power throughout New England. But the 345-kV
3	system stops at the threshold of Southwest Connecticut,
4	which is served today by an increasingly inadequate 115-
5	kV system. In fact, the 115-kV system in Southwest
6	Connecticut no longer meets regional and national
7	reliability standards.
8	The Federal Energy Regulatory Commission
9	has designated Southwest Connecticut as one of the
LO	nation's most severe reliability risks. And the
L1	Independent System Operator of New England's transmission
L2	grid has repeatedly indicated that upgrading the system
13	in Southwest Connecticut is the most urgent need in the
L 4	region.
L5	Regional planning led by ISO New England
L 6	has determined that to meet reliability standards, the
L7	345-kV system should be extended into Southwest
L8	Connecticut by strengthening the power source to a point
L 9	in Wallingford, and connecting that source to substations
20	in Milford, Bridgeport, and Norwalk.
21	To strengthen this source and make these
22	connections, CL&P and UI looked at a variety of overhead
23	and under-street options for each section of the upgrade.
24	After evaluating each option and each combination of

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options according to its system and technical merits, its property and environmental impact, and its cost to consumers, the highest ranked solution was a combination of overhead and under-street segments.

right-of-way ranges from 125 to 320 feet, a sufficient width to allow for an overhead solution, and all but a small area in Middletown and Haddam. However, west of Milford the right-of-way has long stretches that are only 80 feet wide. If the existing right-of-way were to be used here, 45 or more feet would need to be added to the width of the right-of-way. This would require the purchase of more than 115 acres of land and the dislocation of an estimated 29 homes.

Although under-street solutions can run three to ten times the cost of overhead solutions, in this section of the project the shorter route of an under-street solution and the avoided cost of buying property to widen the existing overhead right-of-way, make an under-street solution comparable in cost to the overhead option.

In Hamden the proposed route is an overhead solution along the existing three and a half-mile right-of-way that consists of replacing the current

three rows of structures with two rows of monopoles, one
row with a typical height of 80 feet, the other row with
a typical height of 85 feet. There would be a net
reduction in the number of structures and no expansion of
the right-of-way would be necessary. For Hamden,
Alternatives A and B are the same as the proposed route.

In Bethany the proposed route is an overhead solution along the existing 2.6 mile right-of-way that consists of replacing the current three rows of structures with two rows of monopoles, one row with a typical height of 80 feet, the other row with a typical height of 85 feet. There would be a net reduction in the number of structures and no expansion of the right-of-way would be necessary. For Bethany, Alternatives A and B are the same as the proposed route.

In Woodbridge the proposed route is an overhead solution along the existing 6.2 mile right-of-way that consists of replacing the current three rows of structures with two rows of monopoles, one row with a typical height of 80 feet, the other row with a typical height of 85 feet. There would be a net reduction in the number of structures and no expansion of the right-of-way would be necessary. For Woodbridge, Alternatives A and B are the same as the proposed route.

1 And in Orange the proposed route is also 2 an overhead solution along the existing 5.8 mile right-3 of-way that consists of replacing the current three rows 4 of structures with two rows of monopoles, one row with a 5 typical height of 80 feet, the other row with a typical 6 height of 85 feet. There would be a net reduction in the 7 number of structures and no expansion of the right-of-way 8 would be necessary. And in Orange, Alternatives A and B 9 are the same as the proposed route. As the blackout on August 14th showed us, a 10 11 weakness anywhere on the grid can affect an area much 12 larger than where the weakness is. Because the 13 Middletown/Norwalk Project will provide significant 14 reliability and economic benefits to customers anywhere 15 on the New England regional grid, the companies 16 anticipate that the \$604 million dollar cost of the 17 proposed solution will be shared by customers throughout 18 New England. And according to a December 2002 ruling by 19 the Federal Energy Regulatory Commission, completion of 20 the project by 2007 at reasonable costs will greatly 21 assist in obtaining this regionalized rate treatment. 22 The Connecticut Light & Power Company and 23 the United Illuminating Company thank the Connecticut 2.4 Siting Council for the opportunity to present this

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1 information. Additional project information is available 2 on our websites, www.transmission-nu.com or www -- (video 3 failure) --4 The following is a brief summary of the 5 companies' investigation of a potential East Shore 6 alternative prepared at the request of the Connecticut 7 Siting Council. 8 One of the options originally considered 9 for building a 345-kilovolt loop through Southwest 10 Connecticut involved connecting the strong source in 11 Wallingford to the substation in Milford by means of a route that passes through a New Haven substation known as 12 East Shore. Initial evaluations of this route indicated 13 14 that a second line on separate structures would be needed 15 from Wallingford to New Haven. Connecting New Haven to 16 Milford would require either seven miles of underground, 17 ten miles of overhead and two transition stations, or 18 thirteen miles of underground and two transition 19 stations. And this route would cost about \$200 million 20 dollars compared with the estimated \$100 million dollars 21 to connect Wallingford to Milford along that portion of 22 the proposed route. 23 During the municipal consultation process, 24 the Mayor of Wallingford urged the companies to

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1 reconsider using the existing 345-kilovolt line into East 2 Shore as part of the project. So the companies are 3 exploring every means for making this alternative a 4 possibility. There are two major challenges to making 5 this alternative work. The First challenge is to eliminate the need to build a second line. The second is 6 7 to overcome all the electric system issues related to the 8 added miles of underground. 9 The companies have begun by exploring the 10 effect of making substantial changes to the East Shore 11 Substation to see if changes there could eliminate the 12 need for a second line between Wallingford and New Haven. 13 So far one reconfiguration has passed preliminary 14 screening, and the companies have commissioned experts in 15 power modeling to see if this reconfiguration can pass 16 national reliability standards. If the companies develop 17 a means to avoid the need for a second line, then they will begin to explore whether there is any way to 18 19 overcome the electric system issues related to the added 20 miles of underground. 21 You can find more information about this 22 potential alternative in the supplemental filing posted 23 on the companies' websites, www.transmission-nu.com or 24 www.uinet.com.

1 2 END PRESENTATION 3 4 MR. PRETE: I would like to update you on 5 where the companies stand with those studies since this video was made. We have completed three sets of rather 6 7 complex studies. The two first sets can be found on the websites that you saw, both UI's and CL -- or NU's, as 8 9 well as the Siting Council's. The third set of studies was filed electronically hours ago this afternoon, and 10 11 you will be able to find that particular study 12 electronically as public also on the websites tomorrow. 13 Thank you. 14 (Off the record) 15 CHAIRMAN KATZ: First I'm going to call on 16 public officials. And we're going to ask the public 17 officials to keep their remarks to five minutes. And 18 then after that, we'll go to the residents who signed up 19 to speak. 20 When I call your name, please come up to 21 the podium, give your name, give your -- for public 22 officials give your title, for residents give your 23 address, and please spell your name for the court

reporter. And the first is the First Selectman of

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2 MR. MITCHELL GOLDBLATT: Mitch Goldblatt,

First Selectman, Town of Orange, G-o-l-d-b-l-a-t-t.

Orange, Mitch Goldblatt.

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Chairman Katz, Executive Director Phelps, and members of the Siting Council, welcome back to the Town of Orange. Thank you for holding this additional public hearing in Orange after the overflow of crowd who attended the gymnasium at the center in Woodbridge on February 9th.

The Town of Orange has the most densely populated community within the right-of-way of Northeast Utilities' 115-kV power lines. Well, obviously, people have chosen of their own free will to purchase homes there. The proposal under Docket 272 by Connecticut Light & Power and United Illuminating to upgrade the current transmission system to 345 kilovolts is frankly something that no one expected nor anticipated. plethora of documentation presented in other public hearings that I have personally attended in both Milford and Woodbridge, I ask you to order these lines to be placed underground. (Applause). The lines should be buried under existing streets and highways so that this issue is put to rest once and for all. The 115-kilovolt lines should be buried beside the 345-kilovolt lines.

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1 The -- (applause) -- the East Shore 2 alternative that follows an underground route from New 3 Haven to Milford could address this proposal. Route 1 in 4 Orange is slated for major construction work beginning 5 next year to add a fifth lane. If the Siting Council 6 were to bring this underground line to Route 1, the 7 Boston Post Road, I would be willing to seek a delay in 8 that major construction so that we could coordinate this 9 effort with the road widening. (Applause). 10 In addition, as Chairman of the South 11 Central Regional Council of Governments, at the request 12 of First Selectwoman Amey Marrella of Woodbridge, I am 13 adding an item to our agenda this Wednesday to support 14 Raised Bill No. 5418, AN ACT CONCERNING ELECTRIC TRANSMISSION LINES SITING CRITERIA, introduced by Senator 15 16 Joseph Crisco and State Representative Themis Klarides, 17 which would legislate that these lines be placed 18 underground. I would expect support from our neighboring communities for this bill and enter that into testimony 19 20 at this Thursday's public hearing in Hartford. 21 In -- (applause) -- in today's society 22 where we try to recapture our environment, where we are 23 more aware of the dangers of our own technologies and 24 where there is a heightened concern over homeland

1 security, there is only one answer, choose the most direct route under our roads and instruct Northeast 2 Utilities to under-street these lines. Let -- (applause) 3 -- let Southwestern Connecticut be a leader in addressing the need for upgrading our transmission system. 5 solution would be one that meets the needs of our 6 7 communities, our State, and our region with a forward 8 thinking answer to this complicated issue. 9 Madam Chairman, with your permission, I 10 also have a letter from someone who is unable to attend this evening that I'd like to read, and I think I can do 11 12 it within my allotted time.

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This is from Marilyn Zimmerman of 405 Old Country Road in Orange: I have lived at the above address for 38 years. There is a right-of-way on my property and I have a well. Their street is a cul-de-sac. My main objection regarding the increase to the existing 115-kilovolt power line to 345-kilovolt is a health concern, which I believe to be well founded since no studies have been able to provide conclusive evidence that there is not a correlation between the power lines and an unusual frequency of cancer in families living where those lines are situated. On my particular street 11 families that I know of have been touched by cancer, and my own 16-year-

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old son died of leukemia. I find it hard to believe that 1 this is a coincidence without a common cause. 3 conclusive evidence to the contrary, wouldn't it seem to be suspect that power lines, even as they presently are, 5 are a contributing factor. Secondly, property values are 6 of great concern to those of us who live on the right-of-7 way on our property. We have a major liability when it 8 comes to the value of our homes and a limited market 9 willing to purchase our homes with magnetic towers and 10 poles in their backyard. It is my hope that the Siting 11 Council will make their decision on the utilities' 12 application based on very real concerns of the citizens 13 and taxpayers whose lives will be impacted by this major 14 issues. It is signed Marilyn Zimmerman, 405 Old Country 15 Road. 16 Thank you very much for allowing us to testify and coming back to Orange. 17 Thank you. 18 CHAIRMAN KATZ: Thank you. (Applause). As I read off these names tonight, I'm going to massacre 19 20 a few pronunciations. And I'm just going to ask when you 21 get up to the microphone, please correct me. And this 22 next one is probably going to be my first, Michael --23 Follini? 24 MR. MICHAEL PAOLINI: Paolini.

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1	CHAIRMAN KATZ: Hmm?
2	MR. PAOLINI: Paolini.
3	CHAIRMAN KATZ: Thank you. Chairman of
4	the Orange Town Planning & Zoning Commission.
5	COURT REPORTER: Spell your last name for
6	me.
7	MR. PAOLINI: That's Paolini, P-a-o-l-i-n-
8	i. I'm just going to speak very briefly. I'm Michael
9	Paolini, I'm Chairman of the Town Planning & Zoning
10	Commission in Orange. We held a meeting on this subject
11	and we were asked to just give some our opinion I
12	believe approximately six or seven months ago, and if I
13	remember correctly, I think Mr. Prete was the presenter -
14	- however, I just want to just briefly for the record
15	detail what we what we concluded at that meeting.
16	We had a presentation by your
17	representatives, who at that time had a different number
18	of increase in power usage in the last I guess I'll
19	put a specified time period your video said
20	approximately a 33 percent increase I believe in
21	Southwestern Connecticut over the last 10 years, and the
22	number we heard was approximately 15 percent. I'm not
23	sure if my parameters are about the same not looking back
24	in my notes, but I'd just have to openly question that,

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1 that disparity in the numbers.

2 Also at that meeting we concluded that we

3 also, as the Town Planning & Zoning Commission in this

4 town, would like you to bury these power lines, consider

5 putting them underground. We think that's the best for

the health, safety, and welfare of the Town. We

7 encourage it. We would like to examine that or at least

have complete details in the burying of the power grounds

9 in relationship to those individuals who have wells and

if there's any effect on wells. So we'd like to -- we'd

11 like to consider that before there's a decision made on

12 this, but -- but the conclusion that we've -- or at least

13 the recommendation that we have on this matter is that

14 you do go underground with these lines.

15 And based upon that, I thank you for

allowing me to have some comments.

17 CHAIRMAN KATZ: Thank you. (Applause).

18 Next is Edmund Tucker, Chairman of the Orange

19 Conservation Commission.

MR. EDMUND TUCKER: Good evening.

21 CHAIRMAN KATZ: Could you spell your name

22 to start off.

8

MR. TUCKER: My -- Tucker, T-u-c-k-e-r.

24 I'm Chairman of the Conservation Commission and also

President of the Orange Land Trust, and I appreciate this opportunity to comment on the proposed 345-kilovolt electric transmission line.

4 I intend to limit my remarks to 5 environmental considerations. As far as we're concerned, 6 the proposal to replace the three present power lines 7 with two sets of monopoles, one for 115 and the other for 8 345 kilovolts has some environmental uncertainties; in 9 fact, it has it quite a few. The present towers have to 10 be dismantled and monopoles installed. The monopole 11 installation involves digging and drilling a hole for the 12 base, pouring concrete, and then assembling the monopole. 13 In Orange there are 54 monopoles in each line and one in 14 West Haven to make the 55 required to get from Milford to 15 Woodbridge. The height varies from 70 to 108 feet. 16 current lattice towers average just over 84 feet. 17 -- both the lines would be probably higher on the average 18 than the current lattice towers. We've seen the foundation for the cell towers and we know these towers 19 20 are not as tall; they have smaller bases. 21 construction is however significant; after all, they 22 carry very substantial cables, they must withstand ice 23 storms and hurricane winds. This is a major construction 24 project which would have, we feel, a deleterious effect

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on the right-of-way and on the town.

Although we'd get use to the towers,

they'd clash aesthetically with the more traditional

farms, fields, and forests which we associate with

Orange. They're like a big slash from the northeast to

6 the southwest.

Now, there's been considerable discussion of burying the 345-kilovolt cable. However, burying it in the present right-of-way through wetlands, uplands, bedrock, and the multi-lakes would be a nightmare, and we certainly would oppose that approach.

It would appear that over the long-term,

Mitch Goldblatt's proposal to burying both the 345kilovolt and the 115-kilovolt line as well along the
existing roads would be the best solution. These are
already public-ways, they already have been
environmentally disturbed by road construction. This
would free up the right-of-way -- the present right-ofway for consideration for a number of possible future
uses. A number of them are rather interesting, such as a
linear park with trails for walking, for cycling, rollerblading, horseback riding, etcetera. These situations
are really not quite equivalent and I realize that, we're
dealing here with an easement rather than with ownership;

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1 however, it's an interesting concept to think about. Ι 2 understand that CL&P would want to retain the right-ofway easement for some time, but I would hope that in time 3 buried lines will become a way of life and that easement 5 no longer necessary. Thank you. 6 CHAIRMAN KATZ: Thank you. (Applause). 7 Next is State Senator Win Smith, Jr. Senator. 8 SENATOR WIN SMITH, JR.: Thank you. 9 I'd like to commend the Siting Council on its listening 10 tour, coming out and hearing what the different 11 communities have to say, and especially for this extra 12 one here in Orange. 13 As you may recall, I was before you once 14 before in Milford, perhaps you recall my comments. My 15 position really hasn't changed since then. 16 We're not here tonight saying that Southwest Connecticut does not need a grid enhancement or 17 18 update. We're not saying the not in my backyard, the 19 NIMBY argument. We already have these ugly, dangerous, 20 unhealthy lines in our communities and we have had them 21 there for years. If these things really are necessary 22 however, what we are saying is at least have them 23 installed in the least intrusive environmentally way.

other words, bury them, all of them, all the way.

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1 (Applause).

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2 I found your recommendation that you're 3 going to be having an expert to help you with the under-4 grounding outstanding, and I want to commend you on that 5 as well. I -- (applause) -- it's indicative to me that 6 you're not going to be simply taking the Applicant's 7 representations at face value, something of a concern 8 that I've had in earlier Siting Council applications. 9 Not -- no one is right all the time, certainly these 10 companies aren't. By the same token, no one is wrong all 11 the time, even those people who are speaking to you 12 anecdotally.

There is a credibility problem with these Applicants, as many of the applicants. Initially we were told that nothing could be buried, none of these lines could go underground and then somehow they got Phase 1 underground, but that was it, no more than that. And then when they tried to do Phase 2 and they discovered that through 20 miles it would be difficult, if not impossible, for them to place it aboveground, they suddenly discovered they actually could put another 22 miles underground. I suspect that if you were to tell them to bury the entire line, they would discover a way to bury the entire line. (Applause).

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1 And I've heard some arguments about goldplating, that FERC might not like that. You know what, 2 3 if you do the right thing, you just might be surprised 4 and FERC just might agree with you. 5 We've heard some things about health. You know, when there's a health question, I would urge you 6 7 all please to error on the side of caution, not to say 8 well it's a jump-ball, we can't figure it out, so we're going to let folks just have their overhead lines like 10 they've always had. When you have concerns, error on our 11 side please. 12 And there are real life safety issues. As you all recall in Milford some of these lines actually 13 14 came down in peoples' yards. There's going to come a 15 time when someone is going to get horribly hurt or worse 16 when these things go in. 17 I'd also like to note for you as well, 18 I've heard some comments from some of the intervenors and 19 parties in this, they've made some discovery requests to 20 the Applicant and those discovery requests have not been 21 complied with. You all have a fairly compacted hearing 22 scheduled. And it's been my experience that the 23 applicants in these things tend to respond, if at all, 24 late. And then when they respond late, they hit you with

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1 truckloads of stuff, which will make it of course 2 impossible for the parties and intervenors to 3 appropriately go through the documents they need to go 4 through to see if what, from their perspective, the 5 applicants are saying is true. I would urge you to help those intervenors and parties get what they need in a 6 7 timely fashion. And I also don't want to let the 8 9 opportunity go, that you should indeed look at the 10 property tax impact to all the residents of these communities. When this -- when these things go in, of 11 12 necessity everyone's property values are going to go down 13 all around them, which means the town's grand list is 14 going to go down. They're going to have to make up that 15 money somewhere, which means everybody else's taxes are 16 going to have to go up. I would urge you not to error on the side of this kind of selective tax increase that is 17 18 only being foisted upon the communities that have these 19 lines. 20 I thank you for your time and I look 21 forward to your decision. Thank you.

22 CHAIRMAN KATZ: Thank you. (Applause).

Next is Selectman Joe Blake.

24 COURT REPORTER: Spell your last name

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1 please. 2 MR. JOE BLAKE: The last name is Blake, B-3 1-a-k-e, Selectman Town of Orange, but more important than that a resident of the Town of Orange. 4 5 The -- I just want -- I'll make my remarks 6 very brief, and that is that I fully support all the 7 statements presented before I came to this podium. 8 I would like to say that one thing I -- I 9 get kind of -- kind of get a little gut feeling when I 10 look at your map and I see down in Fairfield County it 11 looks like all the lines are going to be buried and when 12 we come further up our way, it looks like there's the 1.3 possibility, and I hope not, that there will be overhead. 14 I fully support that they should all be underground 15 everywhere possible. That's the full support that I hope 16 you make that decision on. 17 There's an old cliché and I hope it 18 doesn't hold true in this, and that is -- and I'll change 19 it around a little it for obvious reasons -- and I see 20 Fairfield County and I see up the line where we are, and 21 I hope the old cliché isn't that money talks and small 22 towns walk. Thank you. (Applause). 23 CHAIRMAN KATZ: Next is Gail Slossberg, 24 Minority Leader Milford Board of Aldermen.

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1 COURT REPORTER: Spell your last name for 2 me please. 3 MS. GAIL SLOSSBERG: Slossberg. It's Gail 4 Slossberg. S as in Sam, 1-o-s-s-b-e-r-g. I am the 5 Minority Leader for the Board of Aldermen in Milford and 6 I am also a member of the Connecticut Energy Advisory 7 Board. 8 And I'm here before you today -- I had spoken as well at the Milford hearing on that very, very, 9 10 cold, cold night, which I thank you for coming that night 11 and thank you for having this night as well. So, I spoke 12 to you then about some of my significant concerns, but there were a few additional items that have come up since 13 14 I last spoke to you. On February 9th at your hearing in 15 16 Woodbridge, you heard significant testimony by doctors 17 and researchers and scientists who are preeminent in 18 their field with regard to electromagnetic fields. And 19 some of the things that they told you was that EMF's 20 above four milligauss are linked -- have statistical 21 correlations to childhood leukemia. And it is quite 22 disheartening to hear an Orange resident coming before

this panel to share through her letter that her 16-year-

old had died from leukemia.

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1 Here in Orange there is a nursery school 2 and a recreational building right next to the right-ofway, and that's High Plains Community Center. It is an area that is used all the time quite frequently, 5 especially in the summer, and that right-of-way is right 6 next to it. I find it very significant and troubling 7 that in the application there is no proposed EMF data on 8 that site. There is -- there is another site in Orange 9 that is looked at, but not on this site, which I believe 10 is the closest site to the right-of-way and the place 11 where most children congregate here in Orange. Please 12 have the Applicant make a proposed finding of EMF at that 13 site. 14 The Applicant says to us that they have to provide the lowest cost alternative, but the reality is 15 16 its lowest reasonable cost. And it is not reasonable to 17 put our children's lives at risk. (Applause). 18 make sure that this line is rerouted or buried away from 19 our children, away from the places that they play. It is 20 unacceptable to have the East Shore alternative 21 suggestion that comes all the way to the Orange line and 22 then continues overhead Orange through Milford. We need 23 it buried all the way. (Applause). 24 I have -- I have one last point and that

1 is they talk about costs, that the costs of under-2 grounding is -- there is a difference between 200 million 3 to 100 million, it's an additional 100 million dollar 4 cost. But in their application they never compare the 5 lifecycle costs of overhead versus underground. 6 tell you the lifecycle costs of overhead, but they never 7 make a comparison. And we know that lifecycle costs for 8 underground are going to be less over time because we 9 know that there are a lot of problems with overhead. 10 They also don't address conservation methods, which is very important here in Connecticut 11 12 because we know at the last ISO New England -- the draft 13 report of the RTEP-03 came out and told us that even if they put this in -- if Phase 2 is put in, we still have a 14 15 transmission problem in Southwestern Connecticut, and 16 they are now going to tell us we need another 345-kV line 17 coming from south -- from southern Massachusetts through 18 Rhode Island all the way to Connecticut. So this 19 solution is not the solution. Please make them consider 20 a better alternative. Thank you. (Applause). 21 CHAIRMAN KATZ: Just two points I'd like 22 to bring up. Today I signed a letter to Commissioner Galvin of the Connecticut Department of Public Health 23 24 asking him to provide the expert to give an opinion to

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1 the Siting Council on the health effects of EMF's. 2 And also one of the previous speaker 3 mentioned our maps. They're not our maps. We're sort of 4 the judges up here. They're the Applicants' maps. And 5 so we look at them the same way you do. 6 Next is First Selectwoman of the Town of 7 Woodbridge, Amey Marrella. 8 COURT REPORTER: Spell your last name. 9 MS. AMEY MARRELLA: I will. In fact, I 10 should spell both. Amey is A-m-e-y. My parents did that to me. And Marrella is M-a-r-r-e-l-l-a, and that's my 11 12 husband's responsibility -- (laughter). 13 Okay, I'm here to not repeat what I said 14 the other evening at Woodbridge, but to make three points 15 in addition to what I said on the Woodbridge hearing. 16 The first is I want to say thank you. I want to thank 17 the Siting Council and I want to thank the staff for your attentiveness throughout what was a long hearing in 18 19 Woodbridge. And I appreciate that very much, as I know do the many people who came to that hearing wanting to be 20 21 heard and wanting to have the attentative which you --22 the attentiveness which you gave them. So thank you very 23 much. 24 The next thing I'd like to say is thank

1	you for your close consideration of the EMF health
2	issues, including the commitment which you just
3	mentioned, Chairman Katz, to confirm with the State
4	Department of Public Health on this very important issue.
5	And the last is a statement to the
6	Applicants. Before I was First Selectman of Woodbridge,
7	I worked in the Office of General Counsel at the U.S.
8	Environmental Protection Agency and I had the honor to
9	work for five years on Clean Air Act issues. And while I
10	am no expert on environmental history, I can tell you
11	from my brief tenure at EPA that our 30-year plus year
12	history in the United States of America is replete with
13	examples of where American ingenuity can meet
14	technological challenges if there's a willingness to pay
15	attention to environmental concerns. So this is a
16	statement to the Applicants to say please do what you can
17	do, do what I know American ingenuity can do, make this
18	the time when Connecticut and your utilities make a
19	commitment to under-grounding technology. It's a future,
20	it's right for the Phase 2 towns, it's right for
21	Connecticut, it's right for America. Thank you.
22	CHAIRMAN KATZ: Thank you. (Applause).
23	Next is Trish Pearson, a member of the Board of Selectmen
24	of the Town of Orange.

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1 COURT REPORTER: Spell your name please. 2 MS. TRISH PEARSON: P-e-a-r-s-o-n. 3 you. And I also want to echo my thanks for your coming 4 back again. I came to the meeting in Woodbridge and it 5 was overflowing and I met half my neighbors walking out. And we greatly appreciate your willingness to come and 6 7 listen to us. As Senator Smith said, this, in my 8 9 particular case, is not a case of NIMBY'ism because this 10 is in my backyard. In addition to being a member of the 11 Board of Selectmen, I live adjacent to and the lines run 12 through my backyard. And several of my neighbors are 13 here this evening, and there are is grave and great 14 widespread concern among them. And they have made it 15 their business to educate themselves on this matter as we 16 are all aware that your decision is not just based upon 17 feelings, it cannot just be based upon looks, it is based 18 upon environmental concerns and health concerns, and we 19 share those concerns. 20 We have and do live beneath these lines 21 both in terms of the unsightliness of them as well as the 22 sound. And in the summertime you can measure how hot it 23 is by how hard they sizzle. And the thought of 24 increasing that voltage by several times will, I know,

increase the sizzle as well. These are things that
impact the value of our homes and they also impact what
we live with on a daily basis.

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And I know that the health concerns are not conclusive and I also am very pleased to hear that you are going to do some more research on that instead of brushing it aside. And I know that you may not even find some conclusive evidence. We've done readings, we've done research, but why risk it. We have two families in my neighborhood both of whom have had children who have had cancer and we don't want to parade them through this, but they have very grave concerns and they can give -they're not sure how their children or why their children got it, but they do live beneath those lines. Why risk it? And why risk it when we have alternatives. told you -- Goldblatt referred to a project that is coming -- Route 1 is going to be widened, they're going to dig the hole. And in the construction language, as long as you're there digging the hole, couldn't we just include this in the project?

You know there's widespread concern throughout the area. And I am very appreciative to our neighbors. There are people here from Woodbridge and Hamden who have come to support our cause this evening.

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1 And we are a whole community and I would hate to see us 2 end up putting -- pitting one community against another 3 where it's -- we already have a situation if it was okay 4 in Southeastern Connecticut, it was okay for Fairfield 5 County, and now we're moving up the line and well we can 6 avoid Woodbridge, and maybe we'll just do it to Orange. 7 Don't -- don't separate us, don't pit one against the 8 other, because I think we do serve as one united 9 community. (Applause). It's important to all of us, we 10 are -- we are organized, we'll work together, and we'll 11 do what we need to do to protect our children and our 12 homes and our environment. Thank you. 13 CHAIRMAN KATZ: Thank you. (Applause). 14 MR. S. DEREK PHELPS: Madam Chairman, if I 15 may. We've been advised by the local police department 16 that there are a number of cars parked on Schoolhouse 17 Lane on the side of the road that they are not permitted 18 to be parked on. If you were to leave this building and 19 travel out, we're talking about the side that is on the 20 right, anybody who is parked on that side of Schoolhouse 21 Lane, you must move your car soon or somebody will move it for you. 22 23 MR. GOLDBLATT: Might I suggest for those

who aren't familiar with the area that may be from out of

2.4

- 1 town, there is additional parking at the Congregational
- 2 Church, which is across Orange Center Road. There should
- 3 also be some parking at Town Hall or Case Memorial
- 4 Library. I know it's a little bit of a walk, but it's a
- 5 mild night.
- 6 A VOICE: (Indiscernible) -- parking right
- 7 in the back.
- MR. GOLDBLATT: There's parking in the
- 9 back?
- 10 A VOICE: There's at least half a dozen
- 11 spaces back --
- MR. GOLDBLATT: And I've been told there's
- some spaces on the back side of the school as well.
- 14 Thank you for your cooperation.
- 15 CHAIRMAN KATZ: Is there any public
- 16 official who came in later who I did not call who wishes
- 17 to speak? (Pause).
- Okay, at this time I'm going to call on
- members of the public. Dan, can you get me that list.
- When I call on you, you have three minutes, please come
- 21 up to the podium, give your name, give your address, and
- spell your name for the court reporter. First on the
- 23 list is Jack Larkin.
- MR. JACK LARKIN: Good evening and thank

1	you. Mr
2	CHAIRMAN KATZ: I'm sorry, Mr. Larkin, my
3	mistake, you're on page 2 (laughter)
4	MR. COLIN C. TAIT: Let him speak.
5	CHAIRMAN KATZ: But since you're already
6	there
7	MR. LARKIN: Thank you
8	CHAIRMAN KATZ: please continue.
9	COURT REPORTER: Spell your name please.
10	MR. LARKIN: The last name is Larkin, L-a-
11	r-k-i-n. I live at 325 Pine Tree Drive in Orange.
12	I have power lines at the back end of my
13	property. And my wife is a great gardener. She loves to
14	garden. And about her garden from these power lines
15	is maybe 50 to 75 feet.
16	And we're basically very healthy people.
17	We're into vitamins and nutrition and good health and
18	good eating and diet and exercise. And 15 years ago she
19	came down with a rare autoimmune disease. The doctors at
20	Yale New Haven said they'd never seen anything like it,
21	they couldn't even figure out what caused this. So it's
22	still no reason for it, except her gardening I think in
23	the backyard. I've often meant to go out and buy myself
24	a gauss meter, but I've never got around to it because

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1 very few stores carry them, so I could just do my own 2 readings back there. 3 And like a former speaker said, you can hear the cracking of those wires. And to triple that 5 amount, the electromagnetics out there, not only do they 6 cause leukemia, I'm also -- I spent 50 years in real 7 estate and 30 years as a hobby in nutrition and 8 preventive medicine and the -- not only is leukemia a 9 factor, there's also -- brain tumors is another condition 10 that can be caused by these magnetic radiations, so much 11 to the point where they're warning women to be -- when 12 they do their hairblowers, to hold them at least three or 13 four feet from their heads because that little tiny 14 electric motor in there can cause brain tumors. 15 isn't publicized too much, but it's a fact. 16 The other thing is we have to remember 17 these towers are going to be almost the height of a 10-

The other thing is we have to remember these towers are going to be almost the height of a 10-story building and they're going to be a lot more conspicuous than the existing poles that are out there now that tend to blend in with the trees because they have the same brown colors.

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As far as property values go, I can tell you it's very difficult to sell houses that are near these power lines.

1 And I would recommend -- or I don't agree 2 with them all the time, but tonight our First Selectman 3 is right when he says these lines should be buried. 4 What would happen if in the future it turn 5 out we have a Love Canal situation in Orange where all 6 the people along these rights-of-ways end up with all 7 kinds of cancers? Are the utility companies going to 8 take these towers down and then bury them? They won't do that. So the people would just have to move out like 10 they did in Love Canal up in New York State. 11 The last thing I want to comment is I've 12 done a lot of subdivisions in my lifetime up in Oxford 13 and Woodbridge and why is it all the builders are advised 14 by the utility companies to bury all their power lines, 15 so when you go in all these new subdivisions, you don't 16 see any more telephone poles -- (applause). My 17 understanding is they do this -- I'm not sure completely 18 why, but my understanding is the reason why they do this 19 is for over the years the utility companies will have 20 less maintenance because we're in hurricane territory, 21 We won't have to worry about ice storms in the 22 future and power going off and all these other things 23 that affect our computers and everything. But all the 24 new subdivisions that I've been in, the phone lines, the

- cable lines, and all the electric lines are all 1 2
- underground. And it does make the whole area a lot more
- 3 appealing. And I think the answer --
- 4 CHAIRMAN KATZ: Thank you --5
- MR. LARKIN: -- thanks for your time. 6 And
- again, bury, bury, bury. (Applause).
- 7 CHAIRMAN KATZ: I apologize to page 1. 8
- I'm back on the right list now. Next is Dr. Alan Klotz. 9
- COURT REPORTER: Spell your last name
- 10 please. And your first name too please.
- 11 DR. ALAN KLOTZ: It's Alan, A-l-a-n. 12 The
- last name is Klotz, K-l-o-t-z. 821 Tall Timber Road, 13
- Orange. Good evening and thank you for allowing me to
- 14 speak before you.
- 15 The segment of the human population most 16
- susceptible to mutations is the young, namely those
- 17 individuals between the ages of conception and 16 years 18
- of age. It is here we find the developing human immune 19
- system assaulted by terrestrial and solar background 20
- radiations, as well as chemical agents found in the home,
- 21 school, day care center, and other places a youngster is 22
- likely to be. The developing human immune system is also 23
- exposed to low levels of electromagnetic field radiation
- in the home, school, day care center, medical and dental 24

	(100 111)
1	facilities, anywhere there are electrical devices. The
2	human immune system develops and becomes robust in the
3	late teenage years.
4	Two weeks ago at the Connecticut Siting
5	Council meeting held in Woodbridge, numerous citizens
6	expressed concern for the safety of the many children in
7	Woodbridge currently exposed to EMF from the 115-kilovolt
8	overhead power lines. The EMF exposure levels to the
9	children in Woodbridge will dramatically increase if the
10	proposed 345-kilovolt power lines are built above ground.
11	I heard Drs. Jeffrey Humphrey and Leonard Bell of
12	Woodbridge state that thou marries less
13	Woodbridge state that they reviewed the EMF studies and it was clear to them that clears a revenue of the studies and
14	it was clear to them that elevated EMF exposure was associated with elevated in it.
15	associated with elevated incidents of childhood leukemia.
16	The segment of the human population that is next most suggestible.
17	is next most susceptible to mutations is the old, namely
18	those individuals 55 years of age and older. It is here we find
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20	CHAIRMAN KATZ: Excuse me. Fifty-five is old? (Laughter)
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22	DR. KLOTZ: Yes if you're not taking
23	away from my time the human body is designed to live
24	approximately 50 to 55 years. Beyond that we are old.
<u> </u>	CHAIRMAN KATZ: We'll give you an extra 30

	(100 211)
1	seconds for that. (Laughter).
2	DR. KLOTZ: Thank you very much. It is
3	here we find the declining human immune system assaulted
4	by terrestrial and solar background radiations as well as
5	chemical agents found in the home, workplace, and other
6	places and other places an oldster is likely to be.
7	The declining human immune system is also exposed to low
8	levels of electromagnetic field radiation in the home,
9	workplace, medical and dental facilities, anywhere there
10	are electrical devices. The human immune system declines
11	and becomes increasingly susceptible to the induction of
12	cancer as part of the normal aging system or normal
13	aging process. The additional assault on a senior's
14	declining immune system from overhead 345-kilovolt power
15	lines could trigger somatic changes, the most serious of
16	which is cancer. Here in Orange we have a large
17	population of senior citizens who live within 250 feet of
18	the current overhead power line right-of-way.
19	Michael Morris, the Chief Executive
20	Officer of Northeast Utilities, is fond of exhorting all
21	Northeast Utilities employees to do the right thing. I
22	hope you will also do the right thing and insist that the
23	utility applicants bury the new 345-kilovolt power lines
24	through Orange and Woodbridge as well as the existing
	s well as the existing

- 1 115-kilovolt power lines if they are to remained
- 2 energized. Thank you.
- 3 CHAIRMAN KATZ: Thank you. (Applause).
- 4 Next is Peter K. Bertine.
- 5 COURT REPORTER: Spell your last name
- 6 please.
- 7 MR. PETER BERTINE: Bertine, B-e-r-t-i-n-
- 8 e. Good evening.
- 9 Actually, I'm from the Norwalk area, and I
- was unable to attend the session that was held previously
- as I was unaware of the Applicants' proceedings and
- 12 proposal at that time.
- 13 At this time, I'd like to read into the
- record a statement on behalf of Riverside Cemetery
- 15 Association. My name is Peter K. Bertine and I am the
- President of Riverside Cemetery Association, which
- operates a 40-acre cemetery at 81 Riverside Avenue,
- 18 Norwalk, Connecticut.
- 19 We recently became aware that Connecticut
- 20 Light & Power and United Illuminating Company have
- 21 applied for the placement of a new 345-kV electric
- transmission line on Riverside Avenue directly in front
- of our cemetery. The proposed route of this line as
- shown on the aerial photograph made in the spring of

1	2001, Segment 242, involves the placement of a jacking
2	area on cemetery property at its northeast corner at the
3	intersection of Route 123, Riverside Avenue and Ponus
4	Avenue, which extends eastward as New Canaan Avenue
5	towards the utilities' substation in Norwalk. A jacking
6	area, as you know, is where they place the equipment that
7	will
8	CHAIRMAN KATZ: We know, so I suggest you
9	don't use your valuable time.
10	MR. BERTINE: I don't have much more.
11	CHAIRMAN KATZ: Oh, okay.
12	MR. BERTINE: The proposed location of the
13	jacking area is unacceptable to our association inasmuch
14	as it would unlawfully and improperly desecrate the
15	graves of deceased persons and disturb the peace and
16	quiet of the cemetery. Alternative locations for the
17	jacking area must be made available in order to prevent
18	needless damage to cemetery grounds and violation of the
19	final resting places of the dead.
20	Riverside Cemetery Association is
21	dedicated to the preservation of the sanctity of all
22	graves within its boundaries and to the perpetual care of
23	all cemetery grounds. Under no circumstances will our
24	association allow or agree to the placement of

1	construction equipment on its property which would
2	violate the cemetery's responsibilities and policies duly
3	granted under charter by the Connecticut State
4	Legislature in 1886, nor will Riverside Cemetery
5	Association allow or agree to the disinternment of
6	remains and/or relocation of graves to merely enable said
7	jacking area or any other equipment or construction work
8	to facilitate the proposed project by the Applicant. It
9	is imperative that alternatives be found for the
10	placement of the jacking area at a site which will not
11	adversely affect the cemetery's property or disturb the
12	graves or remains therein. Thank you.
13	CHAIRMAN KATZ: Thank you. (Applause).
14	Next is Charles L. Flynn.
15	MR. CHARLES L. FLYNN: The last name F-1-
16	y-n-n. Ladies and gentlemen, I reside at 311 Hotchkiss
17	Road in Orange. I do not live near one of these power
18	lines. I don't want to.
19	The Town of Orange for more than 10 years,
20	maybe even 20 years, has had a requirement that any
21	development in town the lines be buried under the ground.
22	It seems to me that in light of that fact, in
23	consideration of this application that these power lines
24	should be consistent with our current practices and be

1	placed under ground.
2	I when I came here tonight, the only
3	thing I was going to talk about was that, but I noticed a
4	map which started out here with it looked like a power
5	line coming in from Danbury, or approximately Danbury on
6	the map, and extending a short distance in, and instead
7	they got this thing coming all the way across the State
8	to go to Norwalk, and there's just a little run from the
9	end of that line to Norwalk on that map. I wonder what's
10	going on and why this has to be done rather than that
11	short run that showed up on the map. Thank you.
12	CHAIRMAN KATZ: Thank you. (Applause).
13	And there's members of the Applicants' people here,
14	probably if out in the hallway if you'd like to ask
15	them that question. Next is Jody Ellant.
16	COURT REPORTER: Spell your last name.
17	MS. JODY ELLANT: E-l-l-a-n-t. And Jody
18	is
19	A VOICE: Speak into the microphone, so we
20	can
21	MS. ELLANT: E-l-l-a-n-t. And Jody is J-
22	o-d-y.
23	COURT REPORTER: Thank you.
24	MS. ELLANT: My name is Jody Ellant and I

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live at 67 Deer Run Road in Woodbridge, Connecticut. I

come to you tonight -- I did not speak at the Woodbridge

hearing.

I am the co-chair person of Keep the Children Safe. I am here today to speak to you about what I find to be a breach by Connecticut Light & Power and United Illuminating in their duty to provide electricity safely without harming the children of the State of Connecticut. Their current proposal that the route of the power lines run directly over schools and community centers does not adhere to the corporate safety standards set by power companies in other states in our country. Power companies who operate in the states of Florida, Wisconsin, Alabama, Tennessee, Virginia, Georgia, Kentucky, Mississippi, and North Carolina have made the ethical corporate decisions not to site high voltage power lines — transmission lines near schools.

In fact, the Tennessee Valley Authority, our country's largest power transmission company states the desirable distance between transmission lines of a similar voltage and schools is twelve-hundred feet, a desirable distance between transmission lines and schools is twelve-hundred feet. Yet here in Connecticut, Connecticut Light & Power and United Illuminating have

1	proposed that 460 kilovolts of power run directly over
2	the campuses of B'Nai Jacob, the Jewish Community Center,
3	and High Plains Community Center, exposing our children
4	to EMF levels between 25 and 96 milligauss. In sharp
5	contrast the application filed by the utilities with this
6	Council acknowledges that there is a statistical
7	association between EMF and childhood leukemia with
8	radiation levels of over 4 milligauss. In fact, United
9	Illuminating's 2002 annual report states, and I quote,
10	"litigation expenditures may also increase as a result of
11	scientific investigations and speculation and debate
12	concerning the possibility of harmful health effects of
13	electric and magnetic fields".
14	The power companies have concerns albeit
15	with their bottom lines. We are concerned about the
16	health and safety of our children. There are ways to
17	bring power to Connecticut and safely and safety to
18	our children. We implore you to require the utilities to
19	do so.
20	CHAIRMAN KATZ: Thank you. (Applause). I
21	was doing really well on pronunciations, but the next is
22	Georgianna Passariello.
23	A VOICE: (Indiscernible).
24	CHAIRMAN KATZ: Pretty good? Thank you.

1	COURT REPORTER: And spell
2	CHAIRMAN KATZ: And you're going to spell
3	both your first and your last for the court reporter.
4	MS. GEORGIANNA PASSARIELLO: First and
5	last, okay.
6	A VOICE: Push that down a little bit.
7	MS. PASSARIELLO: I'm a short person. G-
8	e-o-r-g-i-a-n-n-a. Passariello, P-a-s-s-a-r-i-e-l-l-o.
9	I will keep my statement brief and
10	hopefully to the point. My name is Georgianna
11	Passariello and I currently reside at 270 High Plains
12	Drive in Orange. I have been a resident since 1972. I
13	have lived with a huge tower and UI having a right-of-way
14	since that time. My property is severely impacted, as
15	even though I have an acre and a half, I only have the
16	use of approximately one-third of an acre.
17	Back in '72 no one explained that the UI
18	would have the right to subject me to a tower two to
19	three times the size that is currently adorning my
20	property, that they could expand the right-of-way at
21	will. Isn't it bad enough that they use pesticides, cut
22	down all the natural vegetation; and by doing so deprive
23	the wildlife that remains their domicile.
24	For all of this, the Town of Orange

1	assesses my home \$10,000.00 less than comparable
2	properties. This will change. As you are aware, land
3	has become almost as valuable as the home that is on top
4	of it. How can you in good conscience not put as many
5	sections as possible underground irrespective of cost.
6	I'm not speaking for the elderly, although
7	I'll be one soon. I'm not speaking for the children,
8	although I empathize. I'm speaking for all the people.
9	I do not reside on town property, a house of worship, or
10	playgrounds. The difference is I pay taxes, and more
11	than my fair share. If rates have to go up to pay for
12	it, so be it. I am not exempt from subsidizing the
13	public school system, which I have never used. My
14	education has always been private.
15	In closing, I implore the Siting Council
16	to look long and hard at the impact of your decisions.
17	Close your eyes and walk in our shoes, the people who are
18	really affected, imagine being us. All wires should be
19	buried underground. We have the technology, why don't we
20	use it. Ignorance is no longer an excuse. To the UI,
21	please bury the lines, do the right thing, don't bury us.
22	If you do bury me and put a tower on top, I don't care.
23	Thank you for your time and thanks
24	especially to the First Selectman and everyone else who

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1 has come out. I feel now finally my taxes have gone to a

- 2 good cause. (Applause).
- 3 CHAIRMAN KATZ: Next is Martha Weishart --
- 4 Weishart?
- 5 MS. MARTHA WEISBART: It must be my
- 6 writing. It's Weisbart, W-e-i-s-b-a-r-t.
- 7 CHAIRMAN KATZ: There was a little
- 8 flourish there on the B there.
- 9 MS. WEISBART: I know. And it's Martha.
- 10 And I'm over 55. I have lived in Orange for 38 years.
- I am pleading with you tonight on behalf
- of the Jewish Community Center of Greater New Haven on
- whose property these power lines are adjacent, and I
- speak on behalf of my two grandchildren who play at the
- 15 JCC where annually thirteen-hundred youth, infants, and
- 16 children, the majority from the Bethany, Orange and
- Woodbridge area come through the doors. These same
- grandchildren together with many from Orange are schooled
- 19 at Ezra Academy and attend Congregation B'Nai Jacob in
- Woodbridge, another site adjacent to the power lines.
- These new high voltage power lines will impact on tens of
- thousands of developing youth in the years ahead. Many
- of the JCC's spend eight to ten hours there daily. I've
- consulted with physicians who have studied the impact of

- 1 high voltage power lines on children. There are studies
- 2 that show children exposed to high levels of EMF are
- 3 twice as likely to have developed leukemia. That means
- 4 our children may incur double the risk.
- 5 Kids count on adults to protect them.
- 6 They count on us, on you and on me. The quality of their
- 7 lives cannot be counted in dollars. They count on us to
- 8 do the right thing. Please act to bury these lines.
- 9 CHAIRMAN KATZ: Thank you. (Applause). I
- have three more people on the list of who have signed up
- 11 to speak. Is there anyone else who wishes to speak who
- has not signed up, please do this now.
- Next is Janet Stratton, followed in Dr.
- David Astrachan, followed by Howard Reiter. Would you
- spell your name please.
- MS. JANET STRATTON: My name is Janet
- 17 Stratton, S-t-r-a-t-t-o-n. I am a resident and a
- taxpayer in the Town of Orange. I live at 351 Timberlane
- 19 Drive.
- The Council has a very difficult job
- 21 before it and I thank you for the attention and the care
- 22 that you are showing tonight. I would ask that you step
- very carefully around this issue because once you get it
- on your shoe, it's very hard to scrape it off.

1	The UI put power lines in my backyard in
2	1926 pursuant to their easement. For a perspective, I
3	would ask the Council to recall that in 1926 there were
4	certain facts that we knew for certain. We knew in 1926
5	that tobacco smoking was a harmless pursuit, safe, non-
6	addictive. We knew that lead was a harmless additive.
7	We put it paint, ceramic dishes, crystal glasses, water
8	pipes. We knew that asbestos was a harmless and
9	effective insulator. It fireproofed over 5,000 products,
10	including kitchen table placemats and draperies. And we
11	knew that DDT was a miracle chemical that could rid the
12	world of mosquitoes. The same thing for chlordane. We
13	knew that radium used in x-rays was a miracle element
14	that would allow doctors to see inside the human body, a
15	new technology then. And we knew that 115-kilovolt power
16	lines were a safe and efficient means to transport
17	electrical power through my kids' preschool, through
18	their summer camp, their playground and our yards. We
19	know now that the folks who touted those products as
20	harmless were, oh, so wrong and, oh, so shortsighted, and
21	they charged ahead and took chances, leaving future
22	generations to be infected by and to solve the problems
23	they created.
24	Shortsightedness did not stop in the

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1	20's and 30's either. In the 1970's computer programmers
2	did not plan their programs to track dates beyond the
3	year 1999. Why? Because they thought that future
4	generations would surely have replaced their work by the
5	year 2000. This shortsightedness lead to the Y2K
6	debacle. Remember that? Thousands of hours to repair
7	computer programs, thousands of hours of lost
8	productivity and billions of dollars for businesses to
9	fix the problems that were totally avoidable by planning
10	for the future.
11	Like the 70's programmers, power planners
12	thought 115-kilovolt lines would provide ample
13	electricity, but they don't. And they probably thought
14	they were safe, but now we know they're not.
15	No, we can't yet prove that the suspected
16	links to devastating childhood illnesses such as leukemia
17	and subtle cellular mutations and hormonal changes such
18	as melanin melatonin levels we can't prove that
19	causal link yet, not with current technology. But as
20	with tobacco and asbestos and lead and DDT, some day we
21	will have the technology to prove that link.
22	For now the power industry tells us that -
23	- just as Owen Corning told us and Dupont Chemical told
24	us these lines are going to be safe, you will be

1	protected. But to triple those transmission lines to 345
2	kilovolts if scientists questioned the safety of the
3	lower voltage lines, is folly. Please know you'll be
4	taking an enormous risk for the future and you will be
5	affecting future generations of children. The system you
6	enact today will still be in use a hundred years from
7	now, and it will surely become inadequate then, and it
8	will surely need to be further expanded
9	CHAIRMAN KATZ: Thank you
10	MS. STRATTON: bury the lines under
11	open roadways where there will be ease of access and no
12	risk of damage, sabotage, ice, danger of accidents for
13	construction
14	CHAIRMAN KATZ: Thank you
15	MS. STRATTON: cranes, etcetera. Thank
16	you for your attention and time. (Applause).
17	CHAIRMAN KATZ: I think 1926 was also
18	prohibition. (Laughter).
19	A VOICE: (Indiscernible, not near mic)
20	the things we didn't know that we know now.
21	CHAIRMAN KATZ: Next is Dr. David
22	Astrachan, followed by Howard Reiter.
23	DR. DAVID ASTRACHAN: My name is Dr. David
24	Astrachan, A-s-t-r-a-c-h-a-n. I'm an ear, nose, and

1	throat physician and surgeon. I'm a resident of Orange.
2	I have offices in Milford and Hamden. And I have a nine-
3	year-old son who attends Ezra Academy in Woodbridge.
4	Today in preparation for this meeting, I
5	preformed a MED-line computer search looking at papers
6	dealing with the health effects of electromagnetic fields
7	and high voltage power lines. Over 300 papers were found
8	in the search, some of them talking about issues such as
9	childhood leukemia, brain tumors, mutated effects, some
10	of them saying and warning of the dangers, and some of
11	them saying no statistical effects could really be seen.
12	Papers can be found on both sides of this health effects
13	issue.
14	And Madam Chairman, I understand that
15	you're going to be bringing in an "expert",
16	quote/unquote. And I'm sorry to tell you that an expert
17	is only as good as what you hope the expert will say.
18	Experts can be found who are pro, who find problems, and
19	experts can be found who find that there are no problems.
20	What we do know however is that there is a controversy.
21	My patients when they're sick or when
22	they're ailing, they rely on me to present them with
23	options for treatment. If two options for treatment
24	exist, one less expensive but potentially risky, the

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1 other more expensive but completely safe, I quarantee you 2 that they will choose the safe alternative every time. I 3 ask that you make the right decision here and the only right decision here is the guaranteed safe decision, bury 5 the lines. Thank you. 6 CHAIRMAN KATZ: Thank you. (Applause). 7 And the last person to sign up is Howard Reiter. 8 COURT REPORTER: Spell your last name. 9 MR. HOWARD REITER: It's R-e-i-t-e-r. 10 COURT REPORTER: Thank you. 11 MR. REITER: I'm Howard Reiter. I live at 12 67 Deer Run Road in Woodbridge. I'm President of Rome 13 Mag (phonetic) Fasteners of Orange and Rome Fasteners in 14 Milford. I'm a mechanical and aerospace engineer with 15 degrees from Princeton and MIT. For the past 10 years I 16 have been designing and developing magnetic devices. 17 the company I started based on my patented magnetic devices employs twelve-hundred people around the world 18 19 today. 20 I am expert in static magnetic fields, but 21 not in dynamic ones, such as the ones generated by power 2.2 transmission lines. So when this line was proposed, I 2.3 did what all engineers do and I cracked the books and 24 began to study something about AC magnetic fields and

1	their effects on health as well. At the beginning I
2	believed, as the utilities would have us believe, that
3	magnetic fields are safe. I wanted to believe that. I
4	grew up in New Haven. I went to school at Ezra Academy in
5	Woodbridge. I go to the JCC. And here I am as an adult
6	back at those same two campuses where my four children
7	also spend their days. Having read numerous recent
8	studies and articles about the subject of magnetic fields
9	and their effect on health, I am thoroughly convinced
10	that the AC magnetic fields to be generated by the new
11	power lines are the source of increased risks of
12	childhood leukemia.
13	${ t I'}{ t m}$ an engineer and ${ t I}$ looked at the data
14	dispassionately and analytically. And now I can say
15	without any doubt these lines present a danger to our
16	children. Please bury them. Please find other
17	alternatives and keep them away from our kids.
18	CHAIRMAN KATZ: Thank you. (Applause).
19	That concludes everyone who signed up to speak.
20	The Siting Council would like to thank the
21	Town of Orange, especially First Selectman Mitch
22	Goldblatt for hosting our hearing tonight.
23	Our next public hearing and last on the
24	listening tour is tomorrow night, February 24th, 7:00

1	p.m., at Middletown High School Auditorium, 370 Hunting
2	Hill Avenue in Middletown, Connecticut.
3	Thank you for your participation and
4	please drive safely.
5	
6	(Whereupon, the hearing adjourned at 8:30
7	p.m.)

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CERTIFICATE

I, Robin L. Focht, a Notary Public in and for the State of Connecticut, and Vice President of Post Reporting Service, Inc., do hereby certify that, to the best of my knowledge, the foregoing record is a correct and verbatim transcription of the audio recording made of the proceeding hereinbefore set forth.

I further certify that neither the audio operator nor I are attorney or counsel for, nor directly related to or employed by any of the parties to the action and/or proceeding in which this action is taken; and further, that neither the audio operator nor I are a relative or employee of any attorney or counsel employed by the parties, thereto, or financially interested in any way in the outcome of this action or proceeding.

In witness whereof I have hereunto set my hand and do so attest to the above, this 27th day of February, 2004.

Robin L. Focht Vice President

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