

STATE OF CONNECTICUT  
SITING COUNCIL

\* \* \* \* \*

NEW CINGULAR WIRELESS PCS, LLC \* FEBRUARY 9, 2012  
\* (3:09 p.m.)  
\*

PETITION FOR A DECLARATORY RULING \*  
THAT NO CERTIFICATE OF \*  
ENVIRONMENTAL COMPATIBILITY AND \*  
PUBLIC NEED IS REQUIRED FOR THE \* PETITION NO. 1010  
PROPOSED INSTALLATION OF A \*  
CONCEALED TOWER ON A WATER TANK \*  
AND ASSOCIATED EQUIPMENT AT A WATER \*  
TREATMENT PLANT LOCATED AT \*  
455 VALLEY ROAD, GREENWICH \*  
\*

\* \* \* \* \*

BEFORE: COLIN C. TAIT, ACTING CHAIRMAN

BOARD MEMBERS: Larry P. Levesque, DPUC Designee  
Brian Golembiewski, DEP Designee  
Edward S. Wilensky  
James J. Murphy, Jr.  
Dr. Barbara Currier Bell

STAFF MEMBERS: Linda Roberts, Executive Director  
Christina Walsh, Siting Analyst  
Melanie Bachman, Staff Attorney

APPEARANCES:

FOR THE PETITIONER NEW CINGULAR WIRELESS PCS, LLC  
(AT&T):

CUDDY & FEDER LLP  
445 Hamilton Avenue, 14th Floor  
White Plains, New York 10601  
BY: CHRISTOPHER B. FISHER, ESQUIRE

FOR THE INTERVENORS LEE AND KAORI HIGGINS,  
PETER AND ELIZABETH JANIS, AND RICHARD AND SUSAN  
KOSINSKI:

BERCHEM, MOSES, AND DEVLIN, P.C.  
27 Imperial Avenue  
Westport, Connecticut 06880  
BY: IRA W. BLOOM, ESQUIRE  
MARIO F. COPPOLA, ESQUIRE

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 . . .Verbatim proceedings of a hearing  
2 before the State of Connecticut Siting Council in the  
3 matter of a Petition by New Cingular Wireless PCS LLC  
4 (AT&T) for a Declaratory Ruling, held at the Greenwich  
5 Town Hall, 101 Field Point Road, Greenwich, Connecticut,  
6 on February 9, 2012 at 3:09 p.m., at which time the  
7 parties were represented as hereinbefore set forth . . .

8  
9  
10 ACTING CHAIRMAN COLIN C. TAIT: Ladies and  
11 gentlemen, this hearing is called to order this Thursday,  
12 February 9, 2012 at 3:07 p.m.

13 My name is Colin Tait, Vice Chairman of  
14 the Connecticut Siting Council. Other members of the  
15 Council are Brian Golembiewski, the designee for  
16 Commissioner Dan Estey, the Department of Environmental  
17 Protection; Larry P. Levesque, the designee for Chairman  
18 Kevin M. DelGobbo, the Public Utilities Regulatory  
19 Authority; James J. Murphy; Edward S. Wilensky; and Dr.  
20 Barbara C. Bell.

21 Members of the staff are Linda Roberts,  
22 our Executive Director; Melanie Bachman, our staff  
23 attorney; Christina Walsh, our Siting Analyst. Our court  
24 reporter is Gail Gregoriades and our technician is Joseph

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 Reese and Aaron DeMarsetti -- DeMarest. Sorry.

2 This hearing is held pursuant to the title  
3 -- to the provisions of Title 16 of the Connecticut  
4 General Statutes and the Uniform Administrative  
5 Procedures Act on a Petition from New Cingular Wireless  
6 PCS, LLC, for a Declaratory Ruling that no Certificate of  
7 Environmental Compatibility and Public Need is required  
8 for the proposed installation of a concealed water -- a  
9 concealed tower on a water tank and associated equipment  
10 at a water treatment plant located at 455 Valley Road,  
11 Greenwich, Connecticut. This petition was received by  
12 the Council on October 5, 2011.

13 This position -- this petition is also  
14 governed by the Telecommunications Act of 1996, which is  
15 administered by the Federal Communications Commission.  
16 This act prohibits this Council from considering the  
17 health effects of radio frequency emissions on human  
18 health and wildlife to the extent the emissions from  
19 towers are within the federal acceptable safe limit  
20 standard, which standard is also followed by the State  
21 Department of Public Health. The federal act also  
22 prohibits this Council from discriminating between and  
23 amongst providers of functionally equivalent services.  
24 This means that if one carrier already provides service

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 for an area, other carriers have a right to compete and  
2 provide service in the same area.

3 As a reminder to all, off-the-record  
4 communications with a member of this Council or a member  
5 of the Council staff upon the merits of this petition is  
6 prohibited by law.

7 The parties and intervenors to the  
8 proceeding are as follows: The Petitioner is New  
9 Cingular Wireless PCS, LLC, represented by Chris B.  
10 Fisher, Esquire of Cuddy and Feder, LLP. The Intervenors  
11 are Lee and Karen Higgins, Peter and Elizabeth Janis, and  
12 Richard and Susan Kosinski, represented by Ira W. Bloom,  
13 Esquire of -- and Mario F. Coppolo, Esquire, of the firm  
14 of Berchem, Moses and Devlin.

15 We will proceed in accordance with the  
16 proposed agenda, copies of which are available here.  
17 Also available here are copies of the Council's Citizens  
18 Guide to Siting Council Procedures.

19 At the end of this afternoon's session, we  
20 will recess and resume again at 7:00 p.m. The 7:00 p.m.  
21 hearing will be reserved for the public to make brief  
22 oral statements into the record. I wish to note that  
23 parties and intervenors, including their representatives  
24 and witnesses are not allowed to participate in the

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 public comment session. I also wish to note for those  
2 who are here and for the benefit of your friends and  
3 neighbors who are unable to join us for the public  
4 comment session, that you and they may send written  
5 statements to the Council within 30 days of the date  
6 hereof; and such written statements will be given the  
7 same weight as if spoken here at this hearing.

8 If necessary, party and intervenor  
9 presentations may continue after the public comment  
10 session if time remains.

11 A verbatim transcript will be made of this  
12 hearing and deposited with the Town Clerk's Office in  
13 Greenwich for the convenience of the public.

14 Is there any public official here at this  
15 time to make -- who wishes to make a public statement?  
16 Hearing none, are there any motions?

17 Hearing none, I wish to call your  
18 attention to the items shown on the hearing program  
19 marked Roman Numeral I-D, Items 1 to 42. Does the  
20 intervenor -- does the party or intervenor have an  
21 objection to these items that the Council has  
22 administratively noticed? They will be so noticed.

23 Will the Petitioner present its witness  
24 panel for the purposes of taking the oath.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. CHRISTOPHER B. FISHER: Good  
2 afternoon, Chairman and members of the Council. Attorney  
3 Christopher Fisher with the firm of Cuddy and Feder. I'm  
4 here on behalf of the Petitioner, New Cingular Wireless,  
5 otherwise known as AT&T.

6 We have four witnesses this afternoon. To  
7 my right and to your left is Anthony Wells with C-Squared  
8 Systems. Also to my right is Jaclyn Swenson with KJK  
9 Wireless, a consultant to AT&T. To my left and to your  
10 right is Peter Perkins, a professional engineer with  
11 Clough Harbour and Associates. And on the end is Dean  
12 Gustafson with VHB.

13 ACTING CHAIRMAN TAIT: Will they stand and  
14 be sworn.

15 MS. MELANIE BACHMAN: Please raise your  
16 right hand.

17 (Whereupon, the Petitioner's witness panel  
18 was duly sworn in.)

19 MS. BACHMAN: Thank you.

20 MR. FISHER: Chairman, we have one item  
21 for administrative notice. It's the Council's  
22 Comprehensive List of Sites that's maintained pursuant to  
23 Public Act 04-226.

24 ACTING CHAIRMAN TAIT: Any objection to us

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1       noticing?   So noticed.

2                   MR. FISHER:   Chairman, we have seven items  
3 listed in the hearing program under Roman Numeral II-B.  
4 The first is the petition itself, which is noted by the  
5 Council as received on October 5th, with a number of  
6 exhibits; the second is a Supplemental Submission, dated  
7 November 15, 2011; the third is a Supplemental Submission  
8 II, dated December 8, 2011; the fourth are AT&T's  
9 responses to the Council's interrogatories, dated  
10 February 2, 2012; the fifth are AT&T's Supplemental  
11 Submission III, dated February 2, 2012; Item 6 is an  
12 Affidavit of the Sign Posting, which was received by the  
13 Council on February 3rd; and Item 7 is an updated  
14 response to the Council's Interrogatory No. 7 by AT&T,  
15 and that's dated February 8th. That document, which we  
16 served last night, I have provided copies to Christina  
17 Walsh and a copy to counsel for the intervenor. If you  
18 would accept them for identification.

19                   ACTING CHAIRMAN TAIT:   So noticed 1  
20 through 7 as they appear on the agenda.

21                   MR. FISHER:   Thank you, Chairman.

22                               (Whereupon, Petitioner Exhibit Nos. 1  
23 through 7 were marked for identification purposes only.)

24                   MR. FISHER:   Some of the items that I just

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 asked the Council to identify are obviously materials  
2 that were drafted by my office and others as advocacy on  
3 the petition. To the extent that we go through the  
4 verification process, I'd ask each of the witnesses to  
5 focus on the exhibits and contents that they helped  
6 prepare and assist in the preparation.

7 ACTING CHAIRMAN TAIT: Thank you.

8 MR. FISHER: I'd ask each witness did you  
9 prepare and assist in the preparation and otherwise  
10 procured the information that just was identified as  
11 Items B-1 through 7 in the hearing program?

12 MR. ANTHONY WELLS: Tony Wells. Yes.

13 MS. JACLYN SWENSON: Jaclyn Swenson. Yes.

14 MR. PETER PERKINS: Peter Perkins --  
15 (audio feedback) -- yes.

16 ACTING CHAIRMAN TAIT: Is everybody awake  
17 -- (laughter) --

18 A VOICE: We are now.

19 MR. DEAN GUSTAFSON: Dean Gustafson. Yes.

20 MR. FISHER: And are there any  
21 modifications or corrections to the documents that have  
22 been submitted that need to be made?

23 MR. WELLS: Tony Wells. No.

24 MS. SWENSON: Jaclyn Swenson. No.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. PERKINS: Peter Perkins. No.

2 MR. GUSTAFSON: Dean Gustafson. No.

3 MR. FISHER: And are -- the items that  
4 have been identified, are they true and accurate to the  
5 best of your belief and do they -- and do you adopt them  
6 as your testimony here today?

7 MR. WELLS: Tony Wells. Yes.

8 MS. SWENSON: Jaclyn Swenson. Yes.

9 MR. PERKINS: Peter Perkins. Yes.

10 MR. GUSTAFSON: Dean Gustafson. Yes.

11 MR. FISHER: Chairman, I would ask that  
12 you accept the documents into evidence at this time.

13 ACTING CHAIRMAN TAIT: Does any party or  
14 intervenor object to the admission of the Petitioner's  
15 exhibits? Hearing no objections, they will be admitted  
16 as full exhibits.

17 MR. FISHER: Thank you, Chairman.

18 (Whereupon, Petitioner Exhibit Nos. 1  
19 through 7 for identification were received into evidence  
20 as full exhibits.)

21 ACTING CHAIRMAN TAIT: We will now begin  
22 the cross-examination of the Petitioner. Miss Walsh.

23 MS. CHRISTINA WALSH: Thank you. The  
24 responses to the Council's interrogatories No. 6 states

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 that AT&T would use a battery backup system for power  
2 outage, and that those batteries would provide eight to  
3 twelve hours of power when the batteries are new. How  
4 much capacity do those lose over time? Is there a point  
5 at which they have to be replaced and are they checked?

6 MR. WELLS: They are checked monthly. I  
7 don't know what the rate of replacement is, but that is  
8 part of the monthly routine, is to check the batteries  
9 and -- and their lifespan.

10 MS. WALSH: Okay. And if a power outage  
11 is of a longer duration, a generator is brought into the  
12 site?

13 MR. WELLS: Yes, assuming we can get  
14 access to the site at that time.

15 MS. WALSH: Okay. Does AT&T intend to  
16 plan any landscaping around the side of the compound that  
17 faces Valley Road to provide any screening?

18 MR. PERKINS: Yes, we could provide  
19 whatever shrubbery the Council so directs.

20 MS. WALSH: Okay. And that tree that was  
21 mentioned in one of the exhibits as being a hazard tree,  
22 would that tree be removed from the time of installation  
23 of the antennas if approved?

24 MR. GUSTAFSON: AT&T would coordinate that

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 with Aquarion, but it -- it is our assessment that that  
2 tree does pose as a hazard to the water tank, so it would  
3 be prudent to remove it at that time.

4 ACTING CHAIRMAN TAIT: Mr. Gustafson, how  
5 large a tree can you successfully transplant to that  
6 site? How tall that will live?

7 MR. GUSTAFSON: For the soil conditions  
8 that are at that location, you could probably  
9 successfully plant a 10 to 12-foot tall tree. It would  
10 require irrigation, particularly for the first couple of  
11 years so the root ball gets established. But I think  
12 anywhere from 8 to 10, no more than 12 feet, and you  
13 could have some success --

14 ACTING CHAIRMAN TAIT: Even with the  
15 evergreens?

16 MR. GUSTAFSON: I would imagine that the  
17 preference would be for evergreens.

18 ACTING CHAIRMAN TAIT: Thank you.

19 MS. WALSH: Would each of the frequency  
20 bands that are being proposed to be installed at this  
21 site be used for voice? Meaning the cellular, the PCS,  
22 and the LTE bands, would those all be used for the  
23 purpose of carrying voice?

24 MR. WELLS: Eventually. And it -- it

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 changes over time depending on the capacity needs and the  
2 overlapping coverage from surrounding sites. But it  
3 really -- it really is a process that's going to migrate  
4 and you can't say at any particular point which band will  
5 cover voice and which will cover data. And certainly as  
6 the technology progresses, there will be -- there won't  
7 even be a distinction between voice and data carriers,  
8 they'll all be through one, as it is on our UMTS channels  
9 currently.

10 MS. WALSH: Okay. So the coverage plots  
11 that show a larger gap along the roadways using a PCS  
12 signal would still be able to carry the signal if  
13 somebody was on a call by switching over to a different  
14 frequency band or --

15 MR. WELLS: Yeah. If the higher  
16 frequencies are used, those would be used in closer to  
17 the site. And then as you approach the limit of the  
18 site, it would hand down to another frequency if you  
19 originated on that higher frequency.

20 MS. WALSH: Regarding Exhibit 7, which is  
21 the new aerial photograph, where was the data layer  
22 obtained that redrew the Class 1 watershed property?

23 MR. GUSTAFSON: It depends on what data  
24 layer you're asking about.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MS. WALSH: The -- the data layer that  
2 contains the line that was drawn showing where the Class  
3 1 property --

4 MR. GUSTAFSON: Yeah -- alright. Thank  
5 you for the clarification. The -- the boundaries that  
6 were provided depicting the different Class 1, 2, and 3  
7 watershed boundaries were reviewed through staff at  
8 Aquarion, and taking into account the existing watershed  
9 drainages that flow down through the Mianus River. And  
10 those were confirmed by staff at Aquarion.

11 MS. WALSH: Okay, who -- who typically  
12 determines that classification? Is it based on a  
13 distance from the water source or is it just based on  
14 drainage or is there some agency that specifies the  
15 classification?

16 MR. GUSTAFSON: It -- it's first  
17 determined by drainage, what'd draining into the public  
18 supply watershed that will make a determination whether  
19 it's Class 1, 2, or 3. It has to be water company land.  
20 And then for various classifications for either 1 or 2, 2  
21 would be in this particular case for the Mianus River,  
22 anything within 150 feet of the public supply watershed  
23 boundary of the Mianus River would be Class 2. Anything  
24 outside 150 feet would be Class 3 land. The water

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 companies generally make those designations. And then  
2 for formal determinations, they petition the Department  
3 of Public Health.

4 MS. WALSH: Okay, thank you. Does AT&T  
5 have information about the dropped call rate in the area  
6 at this time?

7 MR. WELLS: Not specifically for this  
8 area. It's hard to determine a dropped call rate for a  
9 target area like this because the coverage, No. 1, is so  
10 sparse that -- what we refer to instead of dropped call  
11 rates there's two measures that we use. One is what we  
12 refer to as ineffective attempts, where you try to make  
13 the call and are unsuccessful in establishing that call,  
14 and two is the dropped call.

15 This -- the area is so weak in many of the  
16 areas that establishing ineffective call attempts is  
17 impossible because the signal is not even strong enough  
18 to reach to the tower to register. Then -- and there are  
19 also so many sites reaching into that particular area  
20 that you can't really identify which sectors of which  
21 site are dropping for that particular area because the  
22 cell sectors are covering way too much beyond what they  
23 should be, and so it's hard to say okay in this small  
24 area these is are the drops coming from here. What we do

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 know is the signal is way below acceptable signal levels.  
2 And during drive testing there were several dropped calls  
3 within that area.

4 MS. WALSH: Okay. Do you have an estimate  
5 of the range of signal level in the area?

6 MR. WELLS: The range is anywhere from  
7 borderline coverage near the tank to some areas below  
8 negative 100 dBm to the areas to the north and the gaps.

9 MS. WALSH: And what signal level does  
10 AT&T design for?

11 MR. WELLS: Negative 84 dBm for outdoor  
12 in-vehicle coverage.

13 MS. WALSH: Could you estimate the  
14 difference in coverage that would come from if AT&T  
15 located antennas directly on the tank, on either the side  
16 or the top of the tank?

17 MR. WELLS: We -- we did look at that at  
18 lower heights and it is a little difficult to predict  
19 because as you saw on the site, we're already pretty much  
20 into the tree line as it is. And so the effect of what  
21 we refer to as ground cover trees and such in the area  
22 that significantly block the signal make it very hard to  
23 predict. But looking at some of the lower height models  
24 we've done in similar environments, it opens up a gap --

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 even a reduction in 10 feet opens up significant gaps  
2 along Westover Road. And I -- also, I think I responded  
3 that our minimal signal level is neg 84, but it is  
4 negative 82 dBm.

5 MS. WALSH: Could the concealed structure  
6 that's being proposed be widened to be the same diameter  
7 as the water tank itself so that it would be just a  
8 straight line going up rather than a smaller diameter on  
9 top of the tank?

10 MR. PERKINS: At this point no. There's  
11 two stages in the proposed concealment. There's some  
12 framing to support the antennas. The framing is  
13 encompassed by a circumference that matches the tank, and  
14 then the antennas themselves are surrounded by a shield  
15 that the circumference is smaller than the tank, and that  
16 portion cannot be increased. Our calculations show that  
17 that would start to exceed the factor safety of  
18 overturning on an empty tank.

19 MS. WALSH: And could somebody just  
20 describe the balloon flight that occurred today?

21 MR. PERKINS: Yes. We put up a 16-inch  
22 diameter red balloon at 8:00 o'clock this morning. It  
23 lasted about an hour and a half. And then we put up a  
24 second balloon, and that lasted 45 minutes. At noon we

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 put up a 36-inch diameter yellow at approximately 75 feet  
2 southwest of the actual tank to get it away from the  
3 trees so at least we would have a balloon up for the rest  
4 of the day. That balloon, to my knowledge, is still up.  
5 There was probably a breeze between five and ten, which  
6 caused the balloon to not achieve its full height  
7 straight up. It was at an angle.

8 MS. WALSH: Okay. So the weather  
9 conditions today were generally windy?

10 MR. PERKINS: Yeah. I would say that,  
11 yes.

12 MS. WALSH: And what time will the balloon  
13 stay until?

14 MR. PERKINS: Until 4:00 o'clock.

15 MS. WALSH: Okay. Okay, no further  
16 questions. Thank you.

17 ACTING CHAIRMAN TAIT: Miss Walsh, you all  
18 done? Dr. Bell.

19 DR. BARBARA C. BELL: Thank you, Mr.  
20 Chair.

21 The -- the compound house or shelter  
22 building, did you consider putting that anywhere else  
23 around on the back of the tank for instance where -- or --  
24 - I guess you really couldn't put it on the other -- on

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 the driveway side -- but I'm just curious about how you  
2 selected that particular spot?

3 MS. SWENSON: I can answer that. We were  
4 given a specific location, the one that we're using, by  
5 Aquarion as to the only place we could place the shelter.  
6 They were quite specific for the area.

7 DR. BELL: Okay, thank you. Mr. Wells, I  
8 noticed that in the design for the antennas in the  
9 shrouded part of the structure you've included a space  
10 for a -- for other antennas to be mounted for perhaps  
11 another carrier, perhaps more AT&T antennas. Does that  
12 sound right to you?

13 MR. WELLS: You're referring to the four  
14 per sector I assume, correct, at the -- at the 60-foot  
15 centerline?

16 DR. BELL: Yeah.

17 MR. WELLS: Yes. Yeah, those -- those  
18 would be reserved for AT&T's purposes --

19 MS. SWENSON: Underneath --

20 MR. WELLS: Oh, underneath we're talking -  
21 -

22 DR. BELL: I think I'm talking about  
23 Drawing C-02.

24 MR. WELLS: Oh, I' sorry. Yes, those --

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 those would be for a potential future carrier.

2 DR. BELL: Okay. So my question is, is  
3 there enough separation between those hypothetical  
4 antennas and the antennas that AT&T is planning to use or  
5 if -- if the separation is closer than usual, can -- I  
6 just wondered if you could comment on -- on that?

7 MR. WELLS: Ideally we would have 10-foot  
8 center to center -- well ideally we would have 20 to 25  
9 feet center to center if the RF guys had their say, but  
10 we -- we generally recognize that there's a compromise --  
11 in order to keep visibility at a minimum that we need to  
12 compromise and go to a 10-foot center to center. That's  
13 -- that's our comfort level and mine in particular  
14 having done a lot of field interference analysis.

15 In this case, you know, we recognize we're  
16 very space constrained and we want to allow carriers more  
17 separation and so -- also from an RF perspective I'm not  
18 overly comfortable with it, but it's one of those  
19 compromises you need to make because RF guys don't get to  
20 do what they want all the time.

21 DR. BELL: Okay, thank you. Thank you,  
22 Mr. Chair, those are my questions.

23 ACTING CHAIRMAN TAIT: Mr. Levesque.

24 MR. LARRY P. LEVESQUE: Mr. Wells, the --

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 AUDIO TECHNICIAN: Microphone, sir.

2 MR. LEVESQUE: The electric power there on  
3 the pole close to the tank, does that pose any  
4 interference for the service? Does -- you're going to  
5 use -- that pole will stay there?

6 MR. WELLS: Yes -- I assume -- yeah. I'm  
7 getting confirmation that it is -- I didn't -- the pole I  
8 guess is going to stay there and it will be fine. It  
9 won't interfere with RF.

10 MR. LEVESQUE: Okay. Thank you very  
11 much.

12 ACTING CHAIRMAN TAIT: Jerry.

13 MR. JAMES J. MURPHY, JR.: I have no  
14 questions, Mr. Chairman, at this time.

15 ACTING CHAIRMAN TAIT: Brian.

16 MR. BRIAN GOLEMBIEWSKI: Thank you. Mr.  
17 Gustafson, are you speaking here for both environmental  
18 and visibility?

19 MR. GUSTAFSON: Just environmental.

20 MR. GOLEMBIEWSKI: Okay.

21 MR. GUSTAFSON: Visibility is Mr. Perkins.

22 MR. GOLEMBIEWSKI: Okay. I don't know how  
23 familiar you are with the site, but as I crossed Valley  
24 Road today, there were two houses that seemed to have

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 direct views of the tank almost at -- I don't want to say  
2 eye level, but the house -- the first floor, the second  
3 floor, it was visible -- or it appeared that it would be  
4 visible from all -- from the ground, the first floor, and  
5 second floor. And maybe this is a dual question, are --  
6 is there some -- and I think someone asked a little bit  
7 before about this -- is there some combined planting plan  
8 that could address some of those visibility issues?  
9 Because it seemed like when I went on some of the other  
10 properties, actually some plantings on the neighbors' or  
11 abutting properties would actually have more effect to  
12 screen than potentially some of the areas on Aquarion. I  
13 mean is there some plan that could be negotiated or  
14 presented?

15 MR. FISHER: That sounds like a  
16 combination of questions and the --

17 MR. GOLEMBIEWSKI: Okay --

18 MR. FISHER: -- on the -- to the extent  
19 it's a legal --

20 MR. GOLEMBIEWSKI: On the host property -  
21 -

22 MR. FISHER: On the host property we can  
23 address that. And to the extent it would be plantings  
24 off-site, we would obviously have to talk with those

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 property owners.

2 MR. GOLEMBIEWSKI: And get permission to  
3 do that. Okay.

4 MR. FISHER: Do you want to address the  
5 outside --

6 MR. PERKINS: The antennas structure,  
7 concealed structure is going on top of the tank --

8 MR. GOLEMBIEWSKI: Yeah --

9 MR. PERKINS: -- I -- I don't think any  
10 plantings that we could get in there would immediately  
11 conceal that for many years. And then by the time they  
12 grew to the point where they could conceal a hundred  
13 percent, the power company would cut them down like they  
14 were out there today cutting those branches down --

15 MR. GOLEMBIEWSKI: Okay --

16 MR. PERKINS: -- so I would say that as  
17 far as concealing the -- or making the concealed tower  
18 and hiding it behind plantings, I don't think that's  
19 feasible on the subject property.

20 MR. GOLEMBIEWSKI: Okay. And then the  
21 issue of making the concealment structure or shroud,  
22 whatever you want to call it, the same diameter as the  
23 tank, you said there was some analysis done that showed  
24 that if the tank was empty, it would make -- it may cause

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 it to fail?

2 MR. PERKINS: Correct. Yes.

3 MR. GOLEMBIEWSKI: Okay. And is that  
4 something that's in the record?

5 MR. PERKINS: I don't know if those --  
6 what we've submitted in the record is the calculations of  
7 the nine-foot diameter that show it is feasible --

8 MR. GOLEMBIEWSKI: Okay --

9 MR. PERKINS: -- so I don't think we show  
10 all the scenarios that are not feasible.

11 MR. GOLEMBIEWSKI: Okay. But your  
12 professional opinion is if it matched the diameter of the  
13 existing tank, that there is a problem with stability or  
14 failure?

15 MR. PERKINS: Yes, on the existing tank.

16 MR. GOLEMBIEWSKI: Okay.

17 MR. PERKINS: Now there could be  
18 possibilities where you build an external skeleton around  
19 the tank --

20 MR. GOLEMBIEWSKI: Oh, I see. An entire -  
21 - oh, okay --

22 MR. PERKINS: -- and disconnect from the  
23 tank --

24 MR. GOLEMBIEWSKI: Yes --

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. PERKINS: -- however, that makes the  
2 whole facility -- if you were then going to shroud that  
3 framing, it would make the whole facility larger in  
4 diameter and more visible.

5 MR. GOLEMBIEWSKI: Okay.

6 ACTING CHAIRMAN TAIT: Did you discuss  
7 this with Aquarion, the empty water tank problem? Did  
8 you discuss --

9 MR. PERKINS: We -- we were working with  
10 one of their engineers. We just picked a shroud diameter  
11 that worked with the tank considering the tank being  
12 empty, and we didn't go beyond that. Once we had a  
13 scenario that worked and we were comfortable it worked,  
14 we stopped there.

15 ACTING CHAIRMAN TAIT: And your opinion is  
16 that it wouldn't work any higher?

17 MR. PERKINS: Yes, that's my -- attached  
18 to the existing tank, it would not work any higher.

19 ACTING CHAIRMAN TAIT: It would create a  
20 safety problem on the tank itself?

21 MR. PERKINS: It would violate the  
22 recommended factor of safety in the current design  
23 codes.

24 ACTING CHAIRMAN TAIT: The design codes of

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 what organization?

2 MR. PERKINS: ASCE and the State of  
3 Connecticut.

4 ACTING CHAIRMAN TAIT: Okay, thank you.

5 DR. BELL: Mr. Chairman --

6 ACTING CHAIRMAN TAIT: Sorry Brian -- oh -  
7 - Dr. Bell.

8 DR. BELL: Just to ask a follow-up  
9 question. You did study -- actually looked at extending  
10 the structure, the concealed structure 10 feet, right, to  
11 accommodate a hypothetical future carrier in an earlier -  
12 - in response to the Council's earlier question?

13 MR. PERKINS: That's correct.

14 DR. BELL: So you have a -- when you say  
15 that you can't extend it farther, you're -- that's based  
16 not just on the question today, but rather a previous  
17 study that you did before this hearing in response to a  
18 Council question, is that correct?

19 MR. PERKINS: That's correct.

20 DR. BELL: Thank you. That's my question,  
21 Mr. Chair.

22 ACTING CHAIRMAN TAIT: Brian.

23 MR. GOLEMBIEWSKI: Just a couple more.

24 Mr. Gustafson, the proposed equipment shed or whatever

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 you want to call it, is that located outside of the  
2 hundred-year flood zone, or Mr. Perkins?

3 MR. GUSTAFSON: Yeah, and Mr. Perkins can  
4 feel to weigh in. It's -- from an elevation standpoint,  
5 the proposed shelter is outside -- it's outside both the  
6 hundred and the five-hundred year.

7 MR. GOLEMBIEWSKI: Okay. So -- so its  
8 location is consistent with flood management regulations  
9 and standards for municipality and the state --

10 MR. GUSTAFSON: That's correct.

11 MR. GOLEMBIEWSKI: Okay. I noticed that  
12 there was a National Diversity Database shaded area and I  
13 just want to make sure that there's -- I think it's in  
14 here -- there's a letter from my department saying there  
15 are no concerns with any state listed species?

16 MR. GUSTAFSON: That's correct.

17 MR. GOLEMBIEWSKI: Okay.

18 MR. GUSTAFSON: Yeah, we submitted a full  
19 request form with materials that are consistent within  
20 this petition, and they determined that there would be no  
21 -- no effect on listed species.

22 MR. GOLEMBIEWSKI: Okay. And what's the  
23 closest the construction would come to a flagged wetland  
24 or watercourse?

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. GUSTAFSON: The -- one of the corners  
2 of the proposed equipment shelter is approximately 55  
3 feet away from the nearest wetland.

4 MR. GOLEMBIEWSKI: Okay. And would you be  
5 using any erosion controls during construction to avoid  
6 any migration?

7 MR. GUSTAFSON: There would be. And in  
8 particular the -- any soil disturbance would have a silt  
9 fence to contain any possible release of sediment. And  
10 then if you look at the natural drainage from that area,  
11 it would essentially cascade to the south/southeast, and  
12 on to the paved surface. There are two catch basins, you  
13 may have noticed, and those would be fitted with silt  
14 socks during construction as well in case anything  
15 migrated onto the pavement.

16 MR. GOLEMBIEWSKI: Okay. And I know there  
17 was some talk about one of the larger pine trees  
18 potentially being removed. Would any other vegetation in  
19 that area between Valley Road and the tank need to be  
20 removed for construction?

21 MR. GUSTAFSON: I -- I don't believe so.

22 MR. GOLEMBIEWSKI: Okay. Alright. That's  
23 all I have. Thank you.

24 ACTING CHAIRMAN TAIT: Thank you. Mr.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 Wilensky.

2 MR. EDWARD S. WILENSKY: Yes. I don't  
3 know who has the answer -- what height was the yellow  
4 balloon flown today? Mr. Perkins.

5 MR. PERKINS: We had 64 feet of line out.  
6 But because of the wind, the balloon was at an angle and  
7 did not achieve the 64 feet.

8 MR. WILENSKY: Did not exceed what, I'm  
9 sorry?

10 MR. GOLEMBIEWSKI: Sixty-four --

11 MR. PERKINS: Sixty-four feet.

12 MR. WILENSKY: So in other words, what --  
13 when I saw it, it was at an angle --

14 MR. PERKINS: That's correct --

15 MR. WILENSKY: -- so it was not going --  
16 you were not able to fly it straight up, is that  
17 correct?

18 MR. PERKINS: That's correct.

19 MR. WILENSKY: So it never really reached  
20 the -- in other words, it was tough to determine where  
21 that height was based on the flying of the balloon  
22 today?

23 MR. PERKINS: That's correct.

24 MR. WILENSKY: As I understand it, the

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 backup power will be what? You will not have backup  
2 power, is that what was said here? Mr. Wells.

3 MR. WELLS: There will be battery backup  
4 power installed on site.

5 MR. WILENSKY: Have you thought of a fuel  
6 cell here because that seems to be concern about the  
7 backup power and the fuel cell?

8 MR. WELLS: Yeah. I don't believe for  
9 this location -- and I think the -- my understanding --  
10 and power is a little bit out of my expertise range, but  
11 my -- my understanding of the current problems with the  
12 fuel cell is maintaining those and having somebody who's  
13 qualified to maintained those. I think that's -- that  
14 seems to be the current problem with those --

15 MR. WILENSKY: So --

16 MR. WELLS: -- again --

17 MR. WILENSKY: So in other words, you feel  
18 that the battery -- the battery backup would be the  
19 proper way -- or the better way to go, is that what  
20 you're saying, Mr. Wells?

21 MR. WELLS: For now it's the practical way  
22 to go because of, like I said, the lack of the ability to  
23 get people to service the alternative technologies.

24 MR. WILENSKY: Have you looked at other

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 areas around? Is there any area other than this water  
2 tank that would suffice and serve AT&T? Would you know  
3 that, Mr. Wells?

4 MR. WELLS: None that we can find. As you  
5 can -- if you're over in that area, it's predominantly a  
6 residential area. And the alternative is really to build  
7 a new structure somewhere in that area. And that's --  
8 there's quite a bit of terrain and tree cover in that  
9 area and it makes RF propagation quite challenging. So  
10 you need to be near that area, but it's largely a  
11 residential area --

12 MR. WILENSKY: Thank you very much --

13 MR. WELLS: -- and this is the only  
14 structure that we found that exists and requires in our  
15 view minor modifications to accommodate it.

16 MR. WILENSKY: On one of the visuals you  
17 show the -- it looks like a lattice tower on Westover  
18 School -- on Westover School property. How far away is  
19 that? And that's View 10.

20 MR. PERKINS: That's about one and a half  
21 miles.

22 MR. WILENSKY: Are you on that at the  
23 present time?

24 MR. WELLS: Pete, could you give me the

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 address for that?

2 (pause)

3 MR. WELLS: If that's Katonah Lane, then  
4 we are. And we actually looked at all the -- overlaid  
5 our sites with the Siting Council database. And anything  
6 that's in the Siting Council database or in the  
7 surrounding area, we're either on or very close to an  
8 existing Siting Council --

9 MR. WILENSKY: If you're not on this  
10 tower, would that suffice -- would that serve your  
11 needs?

12 MR. WELLS: It would not, no. It's --  
13 it's significantly south. As Peter mentioned, that's  
14 about --

15 MR. WILENSKY: What, north -- would it be  
16 north of the property --

17 MR. WELLS: Pete, can you verify that that  
18 is Katonah Lane?

19 MR. WILENSKY: It would be north --  
20 northwest --

21 (pause)

22 MR. WELLS: Yeah, our -- our information  
23 shows that is Katonah Lane, which is approximately a mile  
24 and a half or so south -- southeast of the proposed site

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 --

2 MR. WILENSKY: Southeast, okay --

3 MR. WELLS: -- and -- and there's  
4 significant terrain between -- between that site and the  
5 coverage area.

6 MR. WILENSKY: So in other words, Mr.  
7 Wells, would that serve or are you saying it would not  
8 serve your --

9 MR. WELLS: We're on it, and it doesn't  
10 serve --

11 MR. WILENSKY: Oh, you're on it.

12 MR. WELLS: Right.

13 MR. WILENSKY: Oh, okay. So are there --  
14 and then the other question -- my last question is, and I  
15 think you've answered it, are there other properties that  
16 would be suitable for you in that other -- in this area  
17 other than the water tank?

18 MR. WELLS: None -- none that we can find.  
19 And we certainly -- you know, the first thing we do is  
20 download the database of Siting Council sites available  
21 on your website, and overlay them with our existing sites  
22 to see if there is anything closer to the target area  
23 that we may have missed, and we -- we send our real  
24 estate folks out to search the area. But as we said,

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 it's a predominantly residential area. And to find a  
2 tall structure that can get above the tree level is very  
3 tough in this area.

4 MR. WILENSKY: Okay, thank you. Thank  
5 you, Mr. Chairman.

6 ACTING CHAIRMAN TAIT: Will you review for  
7 us the -- will there be any noise from this facility that  
8 the neighbors can hear? There's no generator. You'll  
9 bring in power when you have to?

10 MR. WELLS: That's correct.

11 ACTING CHAIRMAN TAIT: There's a battery  
12 backup?

13 MR. WELLS: There's -- there's an HVAC  
14 unit. And Pete might be better to address the noise  
15 issue.

16 MR. PERKINS: Yeah. There -- there is an  
17 AC unit for cooling in the summertime.

18 ACTING CHAIRMAN TAIT: And that will be in  
19 the equipment shelter?

20 MR. PERKINS: That will be in the  
21 equipment shelter, but it exhausts out the side of the  
22 shelter. There is a hum from that. I don't know what  
23 the decibel level is, but it's -- if you can imagine an  
24 AC unit in your house.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1                   ACTING CHAIRMAN TAIT: That's -- that's  
2 the level of the noise?

3                   MR. PERKINS: Yes.

4                   ACTING CHAIRMAN TAIT: And it will be  
5 enclosed?

6                   MR. PERKINS: The --

7                   ACTING CHAIRMAN TAIT: In the equipment  
8 shelter?

9                   MR. PERKINS: Yep.

10                  MR. GOLEMBIEWSKI: Can I follow up on  
11 that?

12                  ACTING CHAIRMAN TAIT: Yes.

13                  MR. GOLEMBIEWSKI: You would have the spec  
14 for the unit, right, and you would then know what it  
15 generated for noise, and then you would know the distance  
16 to the closest house, right?

17                  MR. PERKINS: We would have all that  
18 information --

19                  MR. GOLEMBIEWSKI: Okay, is that something  
20 --

21                  MR. PERKINS: -- AT&T specs the equipment  
22 --

23                  MR. GOLEMBIEWSKI: Okay --

24                  MR. PERKINS: -- so we'd have to check

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 through them --

2 MR. GOLEMBIEWSKI: But I guess what I'm  
3 saying is you -- you can find that answer out, right --

4 MR. PERKINS: Yes --

5 MR. GOLEMBIEWSKI: -- and then --

6 ACTING CHAIRMAN TAIT: Then we would like  
7 it --

8 MR. GOLEMBIEWSKI: Yeah --

9 ACTING CHAIRMAN TAIT: -- before our next  
10 hearing.

11 MR. GOLEMBIEWSKI: And then you could come  
12 -- or whatever you needed to do --

13 ACTING CHAIRMAN TAIT: To make --

14 MR. GOLEMBIEWSKI: Thank you.

15 ACTING CHAIRMAN TAIT: Larry -- how much  
16 traffic will be generated by this facility? The  
17 frequency and what sort of --

18 MR. WELLS: Once the site is built from an  
19 operational standpoint, generally an SUV type vehicle  
20 once a month for a technician to do periodic maintenance.

21 ACTING CHAIRMAN TAIT: And that would be  
22 it?

23 MR. WELLS: That's correct.

24 ACTING CHAIRMAN TAIT: How long of a

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 construction period do you think it will take?

2 COURT REPORTER: One moment please.

3 MR. WELLS: I think construction on this  
4 site would go relatively quickly. There's no foundations  
5 to build, so I would say in the range of maybe three  
6 months total.

7 ACTING CHAIRMAN TAIT: From start to  
8 finish?

9 MR. WELLS: From start to finish.

10 ACTING CHAIRMAN TAIT: And when would you  
11 plan to start it if approved?

12 MR. WELLS: I don't have that information.

13 ACTING CHAIRMAN TAIT: Is it weather  
14 sensitive?

15 COURT REPORTER: One moment please.

16 MR. PERKINS: No, this particular site is  
17 not weather sensitive because we're not waiting for frost  
18 in the ground. It would be welding -- cad-welding to the  
19 tank and then placing a structure on top of the ground,  
20 which would probably be pre-cast.

21 ACTING CHAIRMAN TAIT: Larry.

22 MR. LEVESQUE: Yeah. You noticed a  
23 concern about -- a concern from the neighbors about  
24 liquid fuels at the site. Is there a gas line on this

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 street for use for the generator?

2 ACTING CHAIRMAN TAIT: There's no  
3 generator.

4 MR. PERKINS: Yeah, we are not proposing  
5 any generator for this facility. It's battery backup  
6 only.

7 MR. LEVESQUE: How much time does that  
8 give you?

9 MR. PERKINS: I think Mr. Wells said about  
10 eight hours.

11 MR. WELLS: Yes, depending on load and  
12 other considerations, approximately eight hours.

13 MR. LEVESQUE: And then what do you do for  
14 prolonged outages?

15 MR. WELLS: Then -- then you may deploy a  
16 portable generator in those cases.

17 MR. PERKINS: Or let the site go down.

18 MR. LEVESQUE: Okay, thank you.

19 ACTING CHAIRMAN TAIT: Dr. Bell.

20 DR. BELL: Just to follow up on this  
21 generator question, Aquarion must have a generator for  
22 their equipment, right, or maybe more than one? Would  
23 that be a fair assumption?

24 MR. FISHER: I'm aware that they do.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 Based on land records they do have a generator on site  
2 and I did obtain some information from Aquarion regarding  
3 that, yes.

4 DR. BELL: Did -- did you have any  
5 discussion about problems that they might have had with  
6 their generator? I'm just curious whether they -- being  
7 near the water there, I'm just curious about any history  
8 that they might have had with their generator?

9 MR. FISHER: I didn't ask them that  
10 question, but from what I understand, they have a 600-  
11 kilowatt diesel generator on site. That comes from local  
12 planning and zoning records and my conversation with  
13 their real estate manager. I would have to -- and Jackie  
14 could get additional information if you want it on that  
15 topic.

16 DR. BELL: Would it -- well before I --  
17 before I say please get the information, I guess my  
18 question would be would it be possible for you to use  
19 their generator? Have you had any experience with  
20 anything like that with other facilities that are on  
21 water company property?

22 MR. FISHER: I don't have any experience.  
23 I think they would have a legal concern with shared use.  
24 And I think Mr. Perkins and Miss Swenson could talk more

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 about what that would take on this site from a factual  
2 standpoint.

3 DR. BELL: I guess -- okay.

4 MS. SWENSON: It was mentioned to them and  
5 they showed no interest in sharing the generator.

6 DR. BELL: Thank you. I guess that's  
7 about as far as we can go.

8 ACTING CHAIRMAN TAIT: Any other questions  
9 from the Council? Before we turn to cross-examination by  
10 the intervenor, we're honored to have Senator Scott  
11 Frantz here. Would you like to say a few words to us and  
12 the audience?

13 SENATOR SCOTT FRANTZ: Yes. I won't take  
14 long -- spoke from the audience, not near a mic) -- and  
15 thank you, Mr. Chairman, I greatly appreciate that. And  
16 thank you to all the Siting Council Members. I know it's  
17 a thankless job and it was a long drive for many of you  
18 to come all the way down to the southwestern part of  
19 Connecticut, and it's greatly appreciated. And I know  
20 your job is very very difficult.

21 I'm going to come out publicly against the  
22 location of this cell phone tower and the facilities that  
23 are going to accompany it primarily because I'm concerned  
24 about the fact that at some point during a catastrophic

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 storm -- and we've seen too many of those here in the  
2 last couple of years between Irene in March 2010 and the  
3 more recent snowstorm -- where the battery backup systems  
4 work for up to maybe 18 hours in some cases and then they  
5 go dead. And we are so dependent on cell phone  
6 technology communication these days, that we know for a  
7 fact that we have to for public safety reasons move  
8 generators in, whether it's a portable smaller unit or  
9 whether it's a larger one that comes in on the back of a  
10 truck or a trailer, or if the communication carrier  
11 decides that it's within their interest to put in a  
12 permanent backup station in place, we know that there's  
13 going to be fuel on site. And I'm sure you've covered  
14 the sensitivity of the area because we're talking about a  
15 public drinking water supply right there that the river  
16 feeds into. And we just had a terrible experience up  
17 here, just a couple of miles as the crow flies up here  
18 last week, where there was an oil spill that came from  
19 exactly this kind of a situation, and it was not caught  
20 quickly enough and it -- we don't know what the extent of  
21 the damage is. But it being a public drinking supply,  
22 I'm very concerned about it.

23 I know the area very well. I drive on  
24 Valley Road just about every day twice, and certainly

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 during session to get to the Merritt Parkway to get up to  
2 Hartford, and I'm always on my Blue Tooth, the cell  
3 phone, and I plan for the 45 seconds of no coverage every  
4 time I go through there. And you know what, it's okay.  
5 It's okay. People understand. It really doesn't bother  
6 me that much. There are some areas that I think are such  
7 that, you know, we don't necessarily have to have that  
8 kind of cell phone coverage unless it's for public safety  
9 purposes. And I don't know what the outline of that is  
10 in that particular area.

11 I'm a firm believer and a great champion  
12 of technological advancements in this area. And I know  
13 for a fact that there are some wonderful ideas that are  
14 coming down the road, some proven and some yet to be  
15 proven, that would lend itself to a much more attractive,  
16 much more environmentally friendly situation to cover  
17 that area where you have the black hole or the  
18 interrupted coverage. And you know, if you think about  
19 how it all works in the cities, you know, you're  
20 basically talking about big canyons and they have  
21 repeaters all over the place, and there's almost  
22 ubiquitous cell phone coverage. Even in Grand Central  
23 Station when you're getting on to the train, you get it  
24 about 95 percent of the time. So the technology is

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 there and -- and I'm hopeful that the carrier would have  
2 some patience and maybe deploy some of the newer  
3 technology.

4 And finally -- I know you had your site  
5 visit and I'm sorry I missed that with you, but I'm sure  
6 it was comprehensive. If you walk into some of those  
7 residences down there and you walk into some of the  
8 children's bedrooms and you look right out their window  
9 at the proposed location, that this seems eerily and  
10 scarily close to those particular rooms.

11 So again, technological advances I think  
12 could be the answer here. Believe me, I don't want to  
13 hold up anything that's going to contribute to public  
14 safety and the continuance of people who need these new  
15 kind of cell phones, but it's a sensitive area for two  
16 reasons; the proximity to the residences and the  
17 proximity to the Mianus River which feeds into a public  
18 drinking supply.

19 And with that, I have some written  
20 testimony. I will try to make it tonight, but I can't  
21 say for sure, so I really appreciate the time today, Mr.  
22 Chairman. And once again, thank you all very, very  
23 much.

24 ACTING CHAIRMAN TAIT: You're welcome,

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 Senator. What time is it?

2 A VOICE: It's 4:00.

3 ACTING CHAIRMAN TAIT: Is the intervenor  
4 ready for cross-examination?

5 MR. MARIO COPPOLA: For the record, Mario  
6 Coppola from the law firm of Berchem, Moses, and Devlin  
7 in Westport, Connecticut. I'm here with my partner, Ira  
8 Bloom, also from the law firm of Berchem, Moses, and  
9 Devlin. Mr. Chairman, may I begin?

10 ACTING CHAIRMAN TAIT: Yes.

11 MR. COPPOLA: Thank you. In addition to  
12 the consultants that you have here today, who  
13 participated on behalf of AT&T with regard to evaluating  
14 the proposed site?

15 MS. SWENSON: I initially approached  
16 Aquarion.

17 MR. COPPOLA: I'm sorry?

18 MS. SWENSON: I'm sorry. I said I  
19 initially approached Aquarion. Is that your question?

20 MR. COPPOLA: Well the question was who on  
21 behalf of AT&T participated in evaluating the proposed  
22 site, for example, for the purpose of evaluating radio  
23 frequencies, any environmental impact, compliance with  
24 any local, state, or federal regulations, public safety,

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 etcetera?

2 MR. FISHER: Maybe we could take each one  
3 of those in order because --

4 MR. COPPOLA: Sure, that would be fine. I  
5 guess starting with radio frequencies, was there anybody  
6 in addition to the consultants that you have here today  
7 who participated in evaluating that issue for AT&T?

8 MR. WELLS: There were radio frequency --  
9 there are radio frequency engineers at AT&T who do the  
10 initial review and in conjunction with us for final  
11 approval for these sites.

12 MR. COPPOLA: And do you have the names  
13 of those people who participated with regard to this  
14 site?

15 MR. WELLS: I believe it was -- I don't  
16 remember his last name -- Radu -- how do you pronounce  
17 his last name --

18 MR. FISHER: It's Alecsandru.

19 MR. WELLS: Radu Alecsandru.

20 MR. COPPOLA: Was there anyone else that  
21 participated with regard to evaluating that issue for  
22 this site?

23 MR. WELLS: Not that I'm aware of.

24 MR. COPPOLA: Okay. I guess next was the

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 environmental impact or potential environmental impact on  
2 the site?

3 MR. GUSTAFSON: Other staff involved in  
4 that evaluation include Corrine Kelsey and Matthew  
5 Davison.

6 MR. FISHER: And if I could add as well,  
7 there are other analyses that are done by AT&T that might  
8 fall into the category that you've described that's  
9 environmental, like the NEPA review and others. So there  
10 are other consultants or in-house individuals who are  
11 responsible for the broad topic of environmental review,  
12 yes.

13 MR. COPPOLA: Would AT&T be able to  
14 provide the names of those people who participated on  
15 behalf of AT&T to evaluate any environmental impact on  
16 the site?

17 MR. FISHER: Certainly.

18 MR. COPPOLA: Okay. The next is public  
19 safety. Would it be the same people who evaluated the  
20 environmental or potential environmental impact on the  
21 site?

22 MR. FISHER: Could you just clarify about  
23 what you mean by public safety?

24 MR. COPPOLA: Any public safety issues;

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 for example, the tank structure there, potential  
2 collapse. I guess ensuring the loading capacity, that  
3 the tank could hold the proposed structure, and any other  
4 public safety issues there.

5 MR. PERKINS: Yes, there were several  
6 people involved. Paul Lusatanni is one. John -- John  
7 Montgomery is another. And there are some other  
8 structural engineers. I'd have to get their names and  
9 provide that.

10 MR. COPPOLA: Finally with regard to  
11 evaluating compliance with any local, state, or federal  
12 regulations, was there anybody in addition to your  
13 consultants here today that evaluated that issue or  
14 issues?

15 MR. FISHER: Internal to AT&T there is a  
16 process that includes loosely what I would call real  
17 estate and construction. So there's an AT&T manager.  
18 There's also a firm by the name of SAI, and their firm  
19 employs Jackie Swenson's firm. So there a number of  
20 people involved in that process to evaluate those types  
21 of issues. Then obviously I, as counsel, assist at some  
22 point in the process.

23 MR. COPPOLA: And so with regard to any of  
24 the people mentioned in response to any of these

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 questions, would AT&T be able to provide the names and  
2 addresses of these people and positions as consultants  
3 who are employees of AT&T?

4 MR. FISHER: Yes.

5 MR. COPPOLA: Okay, thank you. How is the  
6 proposed site currently being used by Aquarion?

7 MS. SWENSON: It's my understanding it's a  
8 water treatment facility. Beyond that, I really -- I  
9 can't answer the question beyond that.

10 MR. COPPOLA: Does anybody on the panel  
11 know how Aquarion uses the proposed site as a water  
12 treatment facility?

13 (pause)

14 MR. COPPOLA: I would assume that's a no?

15 MR. FISHER: If you mean by way of their  
16 operational details, I don't think anybody on this panel  
17 has the capacity to answer that question, no.

18 MR. COPPOLA: Did anybody from AT&T  
19 inquire with Aquarion as to how they were using the  
20 property?

21 MR. FISHER: It might help us if you'd  
22 just clarified the question because, generally speaking,  
23 the process does involve estate contact and there's  
24 information exchanged, so there are individuals within

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 Aquarion who share information with AT&T as part of their  
2 discussions. But beyond that, as I mentioned, I don't  
3 think anyone has the capacity to go into detail of how  
4 Aquarion operates that facility. And I would also submit  
5 that it's not germane to this proceeding.

6 MR. COPPOLA: Well -- well I guess for  
7 various reasons we think it is germane to this  
8 proceeding. For example, I believe it was Mr. Perkins  
9 who stated earlier that the water tank was empty or that  
10 there was a presumption that the water tank was empty.  
11 Is that correct?

12 MR. PERKINS: No, that's not correct.

13 MR. COPPOLA: Okay. Do we know if the  
14 water tank is empty currently?

15 MR. PERKINS: We've been informed the  
16 water tank is full currently.

17 MR. COPPOLA: Okay. So there is -- so  
18 some information you have -- so I guess with regard to  
19 the water tank, AT&T has --

20 ACTING CHAIRMAN TAIT: Do you have some  
21 particular questions rather than just a broad one?

22 MR. COPPOLA: Sure. With regard to the  
23 water tank, do we have any knowledge as to what the  
24 current use of it is?

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. PERKINS: We know that it is used to  
2 store water. And we don't know exactly what they use  
3 that water for. It has been reported to us that it is  
4 drinking water.

5 MR. COPPOLA: So it's been reported to  
6 AT&T that there's drinking water that's being stored in  
7 the tank, is that correct?

8 MR. PERKINS: That's the current  
9 information I have.

10 MR. COPPOLA: Okay. With regard to the  
11 water tank, what tests were done to test, for example,  
12 the walls of the water tank?

13 MR. PERKINS: We use an ultrasonic  
14 measuring device to determine the thickness of steel.  
15 And we climbed the tower, took measurements, and took  
16 random measurements.

17 MR. COPPOLA: Yeah. Does the Council have  
18 copies of these tests that were done?

19 (pause)

20 MR. FISHER: The record can reflect just  
21 that the witness is showing me a drawing that I do not  
22 believe is in the record that contains some of the  
23 information that was just referenced.

24 MR. COPPOLA: So will a copy of that be

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 submitted into the record then?

2 MR. FISHER: Yes. By way of  
3 representation whether it's in the form of an  
4 interrogatory or otherwise, we can supply that type of  
5 documentation --

6 MR. COPPOLA: Okay --

7 MR. FISHER: -- yes.

8 MR. COPPOLA: Thank you. What  
9 determinations were made as to the loading capacity of  
10 the water tank? I guess this question would be directed  
11 to Mr. Perkins again.

12 MR. PERKINS: Could you be more specific  
13 please?

14 MR. COPPOLA: Sure. With regard to weight  
15 loading, how much weight could be loaded on to the water  
16 tank? What type of tests were done by AT&T and what were  
17 the results of those tests?

18 MR. PERKINS: The -- the calculation that  
19 we did that we felt is controlling is the overturning of  
20 the tower assuming that the tower is empty. So assuming  
21 that the tank is empty, it has minimum weight to resist  
22 being pushed over by wind. And then we put various  
23 structures on the top of it at different alternatives and  
24 applied wind load to it, and then looked at the factor

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 safety of the tank being pushed over.

2 MR. COPPOLA: Mr. Perkins, did you just  
3 testify that the tests were based on the assumption that  
4 the tank would be empty? Is that correct?

5 MR. PERKINS: The calculations for  
6 overturning were done assuming the tank is empty.

7 MR. COPPOLA: Okay. And didn't you just  
8 testify earlier that it is your understanding that the  
9 tank is actually full of water?

10 MR. PERKINS: That is correct.

11 MR. COPPOLA: So why would the tests have  
12 assumed the tank was empty when AT&T had knowledge that  
13 the tank was actually full of water?

14 MR. PERKINS: Because it's -- if the tank  
15 is full of water, it actually improves stability. So to  
16 analyze the tank in its minimum stability, you assume it  
17 has the minimum weight, which is empty.

18 MR. COPPOLA: So therefore, if the tank is  
19 full of water, that's actually just going to increase the  
20 stability. And that's why the test was done assuming  
21 that the tank would be empty, devoid of any water inside  
22 it, correct?

23 MR. PERKINS: That is correct, yes.

24 MR. COPPOLA: Do you -- do you know if

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 AT&T -- I'm sorry -- do you know if Aquarion's use of the  
2 proposed site will be impacted in any way by AT&T's  
3 construction or future servicing of the proposed tower?

4 MR. PERKINS: I do not know. There would  
5 be some shared use of the driveway. All that  
6 coordination would happen directly with Aquarion and  
7 between the contractor at the time of construction.

8 MR. COPPOLA: Did Aquarion communicate to  
9 anybody on this panel that it planned to change its use  
10 once the tower -- well I guess during construction of the  
11 tower or once the tower was constructed?

12 MR. FISHER: Objection. I believe your  
13 terminology of change of use has a legal significance  
14 that you're trying to ascribe to it. So if you could ask  
15 your question maybe in a different manner, that would be  
16 helpful.

17 MR. COPPOLA: Okay. Did -- does anybody  
18 on the panel -- did anybody on the panel have  
19 communications with AT&T -- with Aquarion where Aquarion  
20 suggested that it would change the current use of its --  
21 or use or operations of the property because of the  
22 construction or future existence of the tower at the  
23 site?

24 (pause)

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. COPPOLA: I assume the answer is no?  
2 Okay.

3 MS. SWENSON: No, that never came up in  
4 the conversation.

5 MR. COPPOLA: Would you please describe  
6 the power sources that will be used by AT&T at the -- at  
7 the proposed site?

8 MR. PERKINS: Again I'm not a power  
9 engineer, but we are proposing taking power from the  
10 utility pole that's right next -- in proximity of the  
11 shelter. And it's my understanding that as -- the  
12 facilities are run off of batteries and the power is used  
13 to charge the batteries and run the air-conditioner.

14 MR. COPPOLA: So is it fair to say that  
15 the proposed facilities will not use any fuel or natural  
16 gas as a power source?

17 MR. PERKINS: That is correct at this  
18 time, yes.

19 MR. COPPOLA: Now with regard to the  
20 temporary mobile generator that was referenced in AT&T's  
21 responses to prehearing interrogatories dated February 2,  
22 2012, how will that temporary mobile generator be  
23 powered?

24 MR. PERKINS: I don't know the fuel

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 source. They may be -- there are various fuel sources,  
2 there's propane, gasoline, diesel --

3 MR. COPPOLA: But it would be a fuel  
4 source that would power the mobile generator, is that  
5 correct?

6 MR. PERKINS: That would be correct.

7 MR. COPPOLA: The State Senator earlier  
8 had mentioned an incident in New York where there was a  
9 diesel fuel spill resulting from a generator that was  
10 owned by Verizon Wireless. Is anybody on the panel  
11 familiar with that incident?

12 MR. FISHER: I don't believe anyone on the  
13 panel is familiar with it. I did see the news report  
14 though.

15 MR. COPPOLA: Mr. Chairman, may I  
16 introduce to the panel an article with regard to this  
17 incident as well as to the Siting Council?

18 ACTING CHAIRMAN TAIT: Who wrote the  
19 article?

20 MR. COPPOLA: The article was written by  
21 the Greenwich Times. May I show it to counsel first and  
22 see if he has any objection?

23 ACTING CHAIRMAN TAIT: I think that would  
24 be the first thing to do.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. COPPOLA: Okay.

2 ACTING CHAIRMAN TAIT: This is an article  
3 that they aren't familiar with.

4 MR. COPPOLA: Well I think that Attorney  
5 Fisher testified that he was familiar with an article --

6 ACTING CHAIRMAN TAIT: He didn't --

7 MR. COPPOLA: -- but I don't know if it  
8 was this --

9 ACTING CHAIRMAN TAIT: He didn't testify.  
10 He said he read --

11 MR. COPPOLA: I'm sorry. He -- he stated,  
12 that's correct.

13 ACTING CHAIRMAN TAIT: And your purpose?

14 MR. COPPOLA: The purpose is to inquire  
15 about whether possible -- about an incident -- about  
16 whether an incident similar to this could happen at the  
17 proposed site.

18 ACTING CHAIRMAN TAIT: Then why don't you  
19 phrase that question.

20 MR. COPPOLA: Okay.

21 ACTING CHAIRMAN TAIT: Newspaper articles  
22 as evidence is a little bit -- I know we can take in  
23 hearsay, even rank hearsay, but I would prefer not to.

24 MR. COPPOLA: Okay.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. FISHER: Is there -- I'm sorry, I was  
2 being asked a question by my witness --

3 ACTING CHAIRMAN TAIT: I think you're  
4 going to get a question that is describing an accident,  
5 saying could this happen at your site.

6 MR. FISHER: Okay.

7 MR. COPPOLA: The question is, the  
8 incident which took place on approximately --

9 ACTING CHAIRMAN TAIT: I don't think we  
10 need that --

11 MR. COPPOLA: Okay, Mr. Chairman --

12 ACTING CHAIRMAN TAIT: -- just describe  
13 the accident that you want them to -- the hypothetical  
14 accident you want them to respond to.

15 MR. COPPOLA: Well actually it's not a  
16 hypothetical --

17 ACTING CHAIRMAN TAIT: Well then that can  
18 go into your case.

19 MR. COPPOLA: I'm sorry?

20 ACTING CHAIRMAN TAIT: As far as this  
21 groups knows, it's a hypothetical question, right --

22 MR. COPPOLA: Yes, it is a hypothetical -  
23 -

24 ACTING CHAIRMAN TAIT: -- could something

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 like this happen at this site --

2 MR. COPPOLA: Yes --

3 ACTING CHAIRMAN TAIT: We're all  
4 interested in that, and let's ask that question --

5 MR. COPPOLA: Okay --

6 ACTING CHAIRMAN TAIT: -- and not  
7 referencing a newspaper article.

8 MR. COPPOLA: Fair enough. Is it possible  
9 that if there is a backup generator which runs on fuel,  
10 that that backup generator could have a leak that could  
11 flow into one of the public water sources that is nearby  
12 to the subject property?

13 ACTING CHAIRMAN TAIT: There that wasn't  
14 so difficult.

15 MR. COPPOLA: No.

16 MR. PERKINS: I would suggest that, yes,  
17 any engine that they put could have a leak or could be  
18 dropped or spilled. I would suggest that the location of  
19 such a temporary piece of equipment would be placed such  
20 that it is downstream of the intake for the public water  
21 supply. For those who were at the site today, you see  
22 there's a curb all the way around the parking lot that is  
23 higher than the proposed site for the shelter. So that  
24 if a piece of equipment did leak, that spill were it not

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 in some sort of containment, which also could be done,  
2 would go down in the driveway and go downstream rather  
3 than into the intake of the water supply.

4 MR. COPPOLA: So -- so just to clarify, is  
5 it your statement that if there was a fuel spill at the  
6 property because of a problem with one of the backup  
7 generators there, that the fuel would not flow into one  
8 of the water sources that is adjacent to the property or  
9 on the property?

10 MR. PERKINS: No, I wouldn't say that  
11 exactly. I'd say my testimony is that if something were  
12 brought out there, a piece of equipment that contained  
13 liquid, and everything manmade has the potential to fail,  
14 that liquid could spill out. Depending on where you  
15 place that piece of equipment and where the spill  
16 occurred, the likelihood of where it would flow would be  
17 down the driveway rather than -- it would be below the  
18 dam rather than above the dam. And that would be if the  
19 piece of equipment were not installed in some type of  
20 containment to contain any potential spill.

21 So is your question that if there was a  
22 spill of fuel from a backup generator, that it wouldn't  
23 be likely to flow into one of the bodies of water there,  
24 but that it is possible -- but that it is possible, is

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 that correct?

2 MR. COPPOLA: There's the possibility of a  
3 fuel spill if you put -- if you put something in there  
4 that contained fuel, there's the possibility it would  
5 spill?

6 ACTING CHAIRMAN TAIT: If the Council  
7 views that as a problem, would you do your best to comply  
8 with what we think was necessary?

9 MR. PERKINS: Yes. There are -- there are  
10 many steps that can be taken, including placing --

11 ACTING CHAIRMAN TAIT: This is a public  
12 water supply and so anything placed there ought to be  
13 minimized --

14 MR. PERKINS: Certainly.

15 ACTING CHAIRMAN TAIT: -- when you come up  
16 with plans and thoughts of how you would like to propose  
17 it.

18 MR. PERKINS: Mmm-hmm.

19 MR. COPPOLA: Would AT&T consider a  
20 restriction that it would not be able to use any backup  
21 generator or any power source whatsoever at the property  
22 which would run on any fuel?

23 MR. FISHER: I would have to consult with  
24 AT&T on that. We would certainly take it under

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 advisement and consider it, but we would obviously  
2 reserve the right --

3 ACTING CHAIRMAN TAIT: How --

4 MR. FISHER: -- to object to such a  
5 condition.

6 ACTING CHAIRMAN TAIT: How would it work  
7 without fuel?

8 MR. COPPOLA: It -- well --

9 ACTING CHAIRMAN TAIT: The alternative  
10 would be to shut the site down.

11 MR. COPPOLA: Mr. Chairman, it would be a  
12 temporary generator.

13 ACTING CHAIRMAN TAIT: Yeah, so it would  
14 be temporary -- but all I'm saying is without any fuel, a  
15 temporary generator won't be there. Does natural gas  
16 create the same sort of problems as other fuels as far as  
17 the public water supply?

18 MR. PERKINS: I -- no. They evaporate.  
19 So --

20 ACTING CHAIRMAN TAIT: Could --

21 MR. PERKINS: -- certainly a restriction  
22 could be a propane generator.

23 ACTING CHAIRMAN TAIT: A portable propane  
24 generator?

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. PERKINS: A portable propane.

2 ACTING CHAIRMAN TAIT: Thank you.

3 MR. COPPOLA: If there are any future  
4 telecommunication carriers which would co-locate at the  
5 subject property, does AT&T at this time know whether or  
6 not they would be using any fuel as a power source  
7 there? Is there any way for AT&T to know that at this  
8 time?

9 MR. WELLS: The equipment that any other  
10 carrier would run would be similar to AT&T. And each  
11 carrier has their own philosophy on backup. So I assume  
12 the same questions that you asked of us would be asked of  
13 them. And any restrictions placed on us, would be placed  
14 on them as well.

15 MR. COPPOLA: Let's start with the  
16 primary power source. As a primary power source is it  
17 possible that if a future carrier was to locate at the  
18 proposed site, that a future carrier would use a power  
19 source that would be generated by some sort of fuel or  
20 natural gas?

21 MR. WELLS: I think that's highly  
22 unlikely. It's not a -- it's not a practical approach.  
23 I'm not aware of any installation that uses that as their  
24 primary power source just for practical reasons of

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 constantly bringing in fuel and refueling. And we're  
2 close to the utilities here, so it doesn't make any sense  
3 to do so. I can't imagine a scenario where they wouldn't  
4 want to use that as their primary power source.

5 ACTING CHAIRMAN TAIT: Any carrier that  
6 wants to co-locate would come before this Council and be  
7 subject to our approval.

8 MR. COPPOLA: Understood. In the  
9 supplemental submission No. 2 that was dated December 8,  
10 2011, AT&T stated that it had received local approvals  
11 for antenna attachment on the water tank at the proposed  
12 site in 2001. So I assume that everybody on the panel is  
13 familiar with that prior design for an antenna attachment  
14 on the water tank back in 2001?

15 MR. FISHER: I don't believe anybody on  
16 the panel was part of that proceeding in 2001. But to  
17 the extent that they've seen the submission, yes, I think  
18 that they're familiar with it to that extent.

19 MR. COPPOLA: Okay. Could anyone testify  
20 as to why there was a change in design from the antenna  
21 attachment that was proposed back in 2001 to the  
22 currently proposed tower that is the subject of this  
23 petition?

24 MR. WELLS: I wasn't involved in the

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 details of the 2001 activity, but I -- I can say that  
2 since 2001, I mean 10 or 11 years ago, the technology has  
3 changed significantly, and so has our network, so it's  
4 not surprising that the design -- the design would  
5 change over a 10-year span. We've added additional  
6 frequencies, different technologies, so a lot of changes  
7 in 10 years.

8 MR. COPPOLA: Why was the antenna  
9 attachment that was approved by the local commissions  
10 here in Greenwich not constructed?

11 MR. WELLS: I believe that was simply a  
12 business decision at the time, but I'm not -- I'm not  
13 directly familiar with it. But budget cycles being what  
14 they are and priorities change from year to year, and it  
15 may have been by the time they got the approval, that the  
16 budget -- the budget had been used up on another site at  
17 that time, but I'm not -- I'm not a hundred percent sure  
18 of that.

19 MR. FISHER: I don't think anyone on the  
20 panel has that information. That would be something that  
21 AT&T in 2001 -- we could certainly endeavor to get that  
22 information, but nobody on the panel has direct knowledge  
23 of that.

24 MR. COPPOLA: Is anybody on the panel

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 familiar with the report that was obtained by the Town of  
2 Greenwich from a company called Isotrop Wireless? And  
3 the report is entitled Assessment of Options for the  
4 Placement of a Wireless Facility in the Vicinity of North  
5 Mianus and Greenwich, Connecticut, and that report was  
6 dated February 28, 2001.

7 MR. WELLS: I'm somewhat familiar with  
8 it.

9 MR. COPPOLA: Okay. Does anybody --  
10 anyone else on the panel familiar with that report?

11 MR. FISHER: Yes, I am. I'm aware of it.

12 MR. COPPOLA: I'm sorry, I misstated the  
13 date. It's February 28, 2011 and not February 28, 2001  
14 for the record.

15 Mr. Chairman, with regard to this report,  
16 may I provide a copy to the witness who has stated that  
17 he's familiar with it -- and it looks like he might  
18 already have a copy of it as well though his counsel.

19 ACTING CHAIRMAN TAIT: Show it to Attorney  
20 Fisher first --

21 COURT REPORTER: A microphone please, Mr.  
22 --

23 MR. FISHER: I'm aware -- I am aware -- I  
24 am aware of the report, Chairman. Without knowing what

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 it's being offered for, I understand it generally to be a  
2 consultant's report that the town procured with respect  
3 to a T-Mobile facility. So I'm not sure what it's being  
4 offered for, whether it's relevant, or whether it  
5 addresses issues that are germane to this proceeding, but  
6 counsel hasn't identified yet what he intends to use it  
7 for.

8 ACTING CHAIRMAN TAIT: Yeah.

9 MR. COPPOLA: There's an analysis on page  
10 30 and 31 of this report which describes the subject  
11 location and provides a brief analysis of it.

12 ACTING CHAIRMAN TAIT: Mr. Wells, are you  
13 --

14 MR. WELLS: I have --

15 ACTING CHAIRMAN TAIT: -- familiar with  
16 that page?

17 MR. WELLS: Yes, I have what I believe to  
18 be a copy of the report --

19 ACTING CHAIRMAN TAIT: Okay --

20 MR. WELLS: -- but that particular page is  
21 --

22 ACTING CHAIRMAN TAIT: Let's make sure we  
23 have the same document.

24 MR. COPPOLA: Yes. May I approach?

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 ACTING CHAIRMAN TAIT: Yes.

2 (pause)

3 MR. COPPOLA: Mr. Chairman, may I provide  
4 the Council with copies of the report?

5 ACTING CHAIRMAN TAIT: Let's see what  
6 we're going to do with it first.

7 (pause)

8 ACTING CHAIRMAN TAIT: I understand you're  
9 going to ask Mr. Wells some questions about that  
10 analysis?

11 MR. COPPOLA: Yes.

12 MR. FISHER: I would like to object to  
13 this line of inquiry. This information I believe at  
14 least as to the extent the pages are referenced, relates  
15 to alternative sites and alternatives which I don't  
16 believe are legally relevant to this petition.

17 ACTING CHAIRMAN TAIT: And your claim of  
18 relevance of this petition is?

19 MR. COPPOLA: My claim of relevance is  
20 that with regard to a few lines that are on page 30 and  
21 31, it describes the topography and characteristics of  
22 the proposed site. And I guess my questions are with  
23 regard to those few statements that are here in the  
24 report --

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 ACTING CHAIRMAN TAIT: Why don't --

2 MR. COPPOLA: -- and I have questions with  
3 regard to any information that was pertinent to the T-  
4 Mobile application that was discussed within this  
5 report.

6 ACTING CHAIRMAN TAIT: So you're going to  
7 ask whether he agrees with that physical description?

8 MR. COPPOLA: Yes. May I ask the  
9 question?

10 ACTING CHAIRMAN TAIT: Yes.

11 MR. COPPOLA: Okay.

12 ACTING CHAIRMAN TAIT: He was there this  
13 afternoon and --

14 MR. COPPOLA: Thank you. Mr. Wells, with  
15 regard to the report, have you been able to identify page  
16 30 and page 31 of the report?

17 MR. WELLS: I am.

18 MR. COPPOLA: The report states that -- on  
19 page 31, the second sentence, despite its height and its  
20 position at river level in the valley, the 55-foot  
21 height does provide patchy coverage to the north Mianus  
22 area, this is due to the salad bowl effect discussed  
23 above --

24 MR. WELLS: Did you say 55-foot height?

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. COPPOLA: Fifty-foot height. Do you  
2 agree with that statement or the description of the  
3 proposed site?

4 MR. WELLS: The proposed site at 50 feet -  
5 - I don't know how -- generally I guess. I mean when you  
6 say patchy coverage, I don't know exactly what that --  
7 that's not typically descriptive. So generally patchy  
8 at 50 feet, I guess depending on your description of  
9 patchy.

10 MR. COPPOLA: Okay. And what is your  
11 description of patchy coverage?

12 MR. WELLS: I don't -- I refer to gaps in  
13 terms of square miles and length of roads. I don't have  
14 those statistics at 50 feet. We're proposing 60.

15 ACTING CHAIRMAN TAIT: Yes, Brian.

16 MR. GOLEMBIEWSKI: I just -- does this  
17 report cover -- are we talking about the same coverage  
18 gap, Mr. Wells, because it seems like it's apples and  
19 oranges if we aren't?

20 MR. WELLS: It -- the -- the plots  
21 themselves are -- I have a copy -- a black and white copy  
22 as was also just handed to me, so the coverage plots  
23 themselves are hard -- are a little bit difficult to  
24 discern. But generally, we did place those sites within

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 our model and they are significantly to the south and  
2 don't --

3 MR. GOLEMBIEWSKI: So when he says north  
4 Mianus area, we're talking about the same general  
5 coverage --

6 MR. WELLS: On this --

7 MR. GOLEMBIEWSKI: -- of targeted area?

8 MR. WELLS: In reference to this  
9 particular page, I believe so, yes.

10 MR. GOLEMBIEWSKI: Okay. Thank you.

11 MR. WELLS: But -- but the sites -- but  
12 there's -- there's several sites under discussion here.  
13 This particular page points to the water tank. There are  
14 sites significantly further to the south that are also  
15 referenced in other places in the report.

16 MR. GOLEMBIEWSKI: It would not be apples  
17 to apples alternatives --

18 MR. WELLS: No.

19 MR. GOLEMBIEWSKI: Thank you.

20 DR. BELL: Mr. --

21 COURT REPORTER: One moment please.

22 (pause - tape change)

23 ACTING CHAIRMAN TAIT: Dr. Bell.

24 DR. BELL: Thank you, Mr. Chair. Mr.

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 Wells, we talked -- Mr. Wells, are we talking apples to  
2 apples in terms of GSM, UMTS, LTE, the frequencies and  
3 the technologies that AT&T is planning to use?

4 MR. WELLS: That I don't know. I'm -- it  
5 may be in here and maybe perhaps I just didn't read the  
6 report closely enough, but I didn't see where there were  
7 details that listed what the transmit power was at the  
8 site or what the receive -- the particular receive signal  
9 levels -- well, I guess there is a thing here, neg 85 --  
10 but I don't know what configurations were used, what  
11 transmit power was used. But again, it may be in here  
12 and maybe I just missed it, but I didn't see enough  
13 information to determine that.

14 DR. BELL: Okay. And T-Mobile has a  
15 different configuration of towers surrounding this area.  
16 Would that be fair to say?

17 MR. WELLS: Yes --

18 DR. BELL: They're on different sites in  
19 the surrounding -- in the surrounding area. Because I  
20 guess what we're looking at is a situation where there  
21 isn't another tower in the exact area that anybody is  
22 trying to cover in this part of Greenwich, would that be  
23 correct --

24 MR. WELLS: Yes --

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 DR. BELL: -- or you're all trying to  
2 cover it from -- sort of from the margins, is that a fair  
3 characterization?

4 MR. WELLS: Yes, although I hesitate to  
5 say trying to cover it within those margins because what  
6 coverage is provided was not an attempt at a design from  
7 the surrounding sites to reach into here because that's  
8 not practical. What is happening is that several sites  
9 are reaching in and creating a problem with the rest of  
10 our network because they're extending beyond their  
11 coverage. So generally yes, but I don't want to  
12 characterize it as that was the design and that's how we  
13 intended to cover this area because that simply doesn't  
14 work.

15 To your other question, certainly I don't  
16 know what T-Mobile's configuration is and exactly where  
17 they are in the surrounding sites, but certainly their  
18 configuration -- their link budget is different. You  
19 know, this shows a map of negative 85 dBm. Our link  
20 budget is negative 82 dBm. I don't know what the  
21 transmit power --

22 ACTING CHAIRMAN TAIT: It seems to me  
23 we're going fairly far a field. Is that your use of the  
24 report adequate per his response?

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. COPPOLA: Yes, at this time, Mr.  
2 Chairman. Mr. Chairman, would you like me to offer  
3 copies to the Council or no?

4 ACTING CHAIRMAN TAIT: Does anybody want a  
5 copy of the -- why don't you put one in for the record --  
6 I don't think -- do the Council members want individual  
7 copies? Okay, pass them out.

8 MR. FISHER: Mr. Chair --

9 ACTING CHAIRMAN TAIT: The paper --

10 A VOICE: Wait, he might have an  
11 objection.

12 MR. FISHER: I -- I did have an objection  
13 --

14 ACTING CHAIRMAN TAIT: Oh --

15 MR. FISHER: -- as to that document being  
16 submitted for the record. I didn't have an objection to  
17 the statement that was on page 31 being used in the form  
18 of a question.

19 ACTING CHAIRMAN TAIT: Okay. And your  
20 objection is?

21 MR. FISHER: It's not relevant to this  
22 proceeding. It was a consultant's report related to a T-  
23 Mobile proposal south of here and it relates functionally  
24 as I understand the report to a discussion of

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 conventional raw land tower alternatives for that site.

2 ACTING CHAIRMAN TAIT: I think we'll let  
3 it in for what it's worth.

4 MR. COPPOLA: Thank you, Mr. Chairman.

5 ACTING CHAIRMAN TAIT: And I guess we'll  
6 give it an exhibit number?

7 MR. FISHER: It will have to be the  
8 intervenor's exhibit.

9 ACTING CHAIRMAN TAIT: It will an  
10 intervenor's exhibit.

11 MR. COPPOLA: Okay. Exhibit No. 1.

12 ACTING CHAIRMAN TAIT: No. 1.

13 MR. COPPOLA: Thank you.

14 (Whereupon, Intervenor Exhibit No. 1 was  
15 received into evidence as a full exhibit.)

16 ACTING CHAIRMAN TAIT: You may continue,  
17 Mr. Coppola.

18 MR. COPPOLA: Okay, thank you. Is -- is  
19 AT&T aware of the deed of the proposed site? The deed --  
20 let me be a little bit more clear, the deed from the Town  
21 of Greenwich to the Greenwich Water Company, which was  
22 dated on October 5, 1953?

23 MR. FISHER: Objection as to relevance.

24 MR. COPPOLA: Well it's -- it's the deed

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 of the --

2 ACTING CHAIRMAN TAIT: The question is are  
3 you aware --

4 MR. COPPOLA: Yes -- the first question  
5 was is AT&T aware of the -- of the deed? There's a deed  
6 restriction --

7 MR. FISHER: Objection --

8 MR. COPPOLA: -- in the deed, and that's  
9 what the relevance is.

10 ACTING CHAIRMAN TAIT: We've faced this  
11 problem before on title to land and we have no  
12 jurisdiction to decide it one way or the other. They  
13 either have it or they don't. And that's a question for  
14 the Superior Court.

15 MR. COPPOLA: Well --

16 ACTING CHAIRMAN TAIT: If -- if your claim  
17 is that there's a deed restriction and they can't go  
18 forward, you ought to pursue that, but this Council has  
19 no jurisdiction over that.

20 MR. COPPOLA: Understood, but the  
21 questions were -- I guess the questions that I was going  
22 to ask were with regard to any conversations between  
23 Aquarion and AT&T regarding the deed restriction and if  
24 Aquarion has any knowledge of the deed restriction,

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 etcetera. That was my line of questioning.

2 ACTING CHAIRMAN TAIT: I'm not sure we can  
3 handle -- I mean --

4 MR. COPPOLA: Okay --

5 ACTING CHAIRMAN TAIT: Yeah, I think it  
6 would just be beyond our competence.

7 MR. COPPOLA: Okay. Before AT&T filed  
8 this petition, what considerations were made for the  
9 visual impact on neighboring properties from the proposed  
10 tower?

11 MR. PERKINS: Can you rephrase the  
12 question?

13 MR. COPPOLA: Sure. When AT&T designed  
14 the proposed tower, what design changes were made to  
15 lessen the visual impact on neighboring properties?

16 MR. PERKINS: We chose to shroud the  
17 framework that holds up the antennas and the antennas in  
18 a radio transparent material, painted the same color as  
19 the tank itself to make the tank appear like it just got  
20 a little bit taller.

21 MR. COPPOLA: Were there any other design  
22 changes or considerations made by AT&T with regard to  
23 the visual impact on neighboring properties or was that  
24 it?

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 MR. PERKINS: I think that sums it up.

2 MR. COPPOLA: Did AT&T consider any  
3 landscaping in order to try to lessen the visual impact  
4 of the proposed tower on any neighboring properties?

5 MR. PERKINS: We can consider plantings.  
6 I think I addressed that question from the Council a  
7 little bit easier. Typically, we don't propose them, but  
8 certainly we're willing to provide them if asked by  
9 abutters or by the Council.

10 MR. COPPOLA: With regard to any potential  
11 design changes of the proposed tower, is it possible to  
12 make any changes to the design that would lessen the  
13 visual impact on neighboring properties but still allow  
14 AT&T to achieve its desired cover?

15 MR. FISHER: Objection as to the form of  
16 the question. I think it assumes that there is an  
17 impact.

18 MR. COPPOLA: Mr. Chairman, anybody --

19 ACTING CHAIRMAN TAIT: Repeat the question  
20 please.

21 MR. COPPOLA: To the best of my ability  
22 I'll repeat the question. Are there any design changes  
23 that could be made to lessen the visual impact on  
24 neighboring properties while still achieving the desired

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 coverage that AT&T seeks with regard to this application?  
2 And with regard to impact on the neighboring properties,  
3 it is -- it has been stated throughout the application  
4 that neighboring properties could see the tower --

5 ACTING CHAIRMAN TAIT: If it's just the  
6 word impact to the properties, change the word --

7 MR. COPPOLA: -- so certainly there's --

8 ACTING CHAIRMAN TAIT: -- visual effect.

9 MR. COPPOLA: -- visual effect --

10 MR. FISHER: Or visibility.

11 ACTING CHAIRMAN TAIT: Visibility, fine.

12 MR. COPPOLA: Okay.

13 ACTING CHAIRMAN TAIT: Do you have any  
14 suggestions for them to consider or are you asking them  
15 to --

16 MR. COPPOLA: The question was are there  
17 any design changes that could be made to lessen the  
18 visibility to neighboring properties while still allowing  
19 AT&T to achieve its desired coverage?

20 ACTING CHAIRMAN TAIT: Thank you.

21 MR. PERKINS: Visibility is really  
22 subjective to every -- to the individual. When -- you  
23 could do multi colors rather than the solid green. We  
24 talked about that where you'd paint half the addition a

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 green like the tank and then at some point paint the top  
2 half white or blue so it doesn't appear as a solid piece.  
3 There was discussions about not concealing it at all  
4 because pipes used to support the antenna might closely  
5 represent tree branches, but those are all subjective to  
6 the individual beholder. So I would suggest that  
7 certainly AT&T is willing to listen to suggestions.

8 MR. COPPOLA: With regard to the point you  
9 just made about concealing the tower, if -- or concealing  
10 the antennas that are inside the tower, if the antennas  
11 that are in the tower were not concealed, would AT&T be  
12 able to have antennas that are shorter in height and  
13 would still allow AT&T to achieve its desired coverage?

14 MR. WELLS: Do you mean the antennas  
15 mounted lower, the antennas shorter, or the length of the  
16 antenna, decreasing the length -- the total length of the  
17 antennas?

18 MR. COPPOLA: Yeah, would the length of  
19 the antennas be able to be shorter if there was no tower  
20 around them?

21 MR. WELLS: No.

22 MR. COPPOLA: No?

23 MR. WELLS: No. The length of the antenna  
24 -- there's a parameter of the antenna called gain, which

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 is the amount of the energy that you focus with an  
2 antenna, and that's directly related to the length. And  
3 the length of those antennas determines how much coverage  
4 you can get out of a site. And given the already low  
5 height, it's challenged already. So the length of the  
6 antenna is not determined by the arrangement of the  
7 antennas on the tank. It's the fact that we need that  
8 much coverage and that much gain from the antennas.

9 MR. COPPOLA: So under those circumstances  
10 could the height of the proposed tower be lower than what  
11 has been proposed without compromising the coverage that  
12 AT&T seeks to gain by this proposed tower, is that  
13 correct?

14 MR. WELLS: That is correct. I was trying  
15 to think of -- when you say under no circumstances, I'm  
16 trying to think of any possible circumstance. But I mean  
17 if you're going to lower the height, that's going to  
18 reduce the coverage and -- no, I can't think of a  
19 scenario where that would not result in a reduction of  
20 coverage.

21 ACTING CHAIRMAN TAIT: Mr. Coppola, I  
22 think the Council would be interested if you have any  
23 suggestions that you -- when you come back to New Britain  
24 if you have any suggestions that you ask of the Applicant

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 if they could do it, that might be helpful.

2 MR. COPPOLA: We have -- we're in the  
3 process of retaining an expert to assist us with  
4 evaluating whether there are any --

5 ACTING CHAIRMAN TAIT: Yes. So --

6 MR. COPPOLA: -- alternative plans that  
7 would be acceptable to our clients --

8 ACTING CHAIRMAN TAIT: Okay --

9 MR. COPPOLA: -- and hopefully AT&T.

10 ACTING CHAIRMAN TAIT: The evidentiary  
11 hearing on the 22nd would be a good time to let us know.

12 MR. COPPOLA: Yes. Mr. Chairman, we have  
13 no further questions at this time.

14 ACTING CHAIRMAN TAIT: Okay. Any other  
15 questions from the Council?

16 We will take a break now until 7:00 p.m.  
17 for the public session. To let people know, the  
18 evidentiary part of this hearing is not finish. We will  
19 continue it on the 22nd of February in New Britain.  
20 You're all invited. But tonight's session is just for  
21 the public to let us know their thoughts. If you can't  
22 come back tonight, you have 30 days from today to send in  
23 written comments for our consideration. But the hearing  
24 for -- the hearing tonight is not for the parties, it's

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

1 for the public to give us their thoughts from their  
2 perspective.

3 So we'll stand adjourned until 7:00  
4 o'clock.

5  
6 (Whereupon, the hearing adjourned at 4:45  
7 p.m.)

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
 FEBRUARY 9, 2012 (3:09 PM)

INDEX OF WITNESSES

PAGE

PETITIONER'S WITNESS PANEL:

Peter Perkins  
 Dean Gustafson  
 Anthony Wells  
 Jaclyn Swenson

Direct Examination by Mr. Fisher	9
Cross-Examination by Council Staff	10
Cross-Examination by Council Members	18
Cross-Examination by Mr. Coppola	44

INDEX OF SPEAKERS

Senator Scott Frantz	40
----------------------	----

INDEX OF PETITIONER EXHIBITS

	NUMBER	PAGE
Petition for Declaratory Ruling with Bulk Filings (ID) Full Exhibit	1	8 10
Supplemental Submission, 11/15/11 (ID) Full Exhibit	2	8 10
Supplemental Submission II, 12/8/11 (ID) Full Exhibit	3	8 10
Responses to CSC Interrogatories (ID) Full Exhibit	4	8 10
Supplemental Submission III, 2/2/12 (ID) Full Exhibit	5	8 10
Sign Posting Affidavit (ID) Full Exhibit	6	8 10

HEARING RE: NEW CINGULAR WIRELESS (AT&T)  
FEBRUARY 9, 2012 (3:09 PM)

84

Updated Response to Interrogatory 7 (ID)	7	8
Full Exhibit		10

INDEX OF INTERVENOR EXHIBITS

	NUMBER	PAGE
Report Entitled Assessment of Options For the Placement of a Wireless Facility in the Vicinity of North Mianus and Greenwich, dated 2/28/11	1	74