

## UNITED STATES OF AMERICA

## NATIONAL TRANSPORTATION SAFETY BOARD

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Investigation of:

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NATURAL GAS DISTRIBUTION PIPELINE

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LEAK AND MULTISTORY STRUCTURE

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EXPLOSION IN HARLEM, NEW YORK

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MARCH 12, 2014

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Interview of: ROBERT CANNELI

Office of Emergency Management  
 165 Cadman Plaza  
 Brooklyn, New York

Tuesday,  
 September 30, 2014

The above-captioned matter convened, pursuant to notice.

BEFORE: RAVI CHHATRE  
 Investigator-in-Charge

## APPEARANCES:

RAVI CHHATRE, Investigator-in-Charge  
National Transportation Safety Board  
Washington, D.C.

LEON HEYWARD, Deputy Commissioner  
New York City Department of Transportation

CHRIS STOLICKY, Utility Supervisor (Safety)  
New York State Department of Public Service  
(Party Representative)

FRANK McCARTON, Deputy Commissioner  
Office of Emergency Management  
New York, New York  
(Party Representative)

KALU KELLY EMEABA, Accident Investigator  
National Transportation Safety Board

SONJA ORGIAS, Assistant Counsel  
Bureau of Legal Affairs of New York City  
Fire Department  
(On behalf of Mr. Gells)

LEONARD SINGH, Chief Engineer  
Gas Distribution Services  
Con Edison  
(Party Representative)

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My name is Ravi Chhatre. I am with National Transportation Safety Board located in Washington, D.C. and I am investigator in charge of this accident. The NTSB investigation number for this accident is DCA-14-MP-002.

Also, I'd like to inform Mr. Cannelli that you are permitted to have one other person present with you during the interview. This is a person of your choice, your supervisor, friend, family member or, if you choose, no one at all. Please state for the record your full name, spelling of your name, organization you work for, your title, business contact information, such as mailing address, email address, and whom you

1 have chosen to be with you during your interview.

2 MR. CANNELI: My name is Robert Gerard Canneli. I work  
3 for the fire department in New York City. I'm stationed in  
4 Harlem, New York at Engine Company 58. My contact information,  
5 the firehouse is area code [REDACTED]. I've chosen Ms. Orgias  
6 to counsel me at this meeting.

7 MR. CHHATRE: Okay. Now I'd like to go around the room  
8 and have each person introduce themselves. Please state your  
9 name, spelling of your name, your title and the organization that  
10 you represent and your business contact information, starting from  
11 my left.

12 MR. HEYWARD: Leon Heyward, H-e-y-w-a-r-d, Deputy  
13 Commissioner, New York City Department of Transportation. Phone  
14 number, 212-839-4300. Email address [REDACTED].

15 MR. STOLICKY: Christopher Stolicky, S-t-o-l-i-c-k-y.  
16 Utilities supervisor in safety, the New York State Department of  
17 Public Service, and I'm New York State party rep. in this  
18 investigation. Email address is [REDACTED].

19 MR. MCCARTON: Good afternoon. My name is Frank  
20 McCarton. I'm the Deputy Commissioner for Operations here at OEM.  
21 I am the New York City party rep. on the investigation. My email  
22 address is [REDACTED].

23 MR. EMEABA: Kalu Kelly Emeaba. K-a-l-u, K-e-l-l-y, E-  
24 m-e-a-b-a, NTSB investigator. And my email address is  
25 [REDACTED].

1 MS. ORGIAS: Sonjay Orgias, Assistant Counsel for the  
2 New York City Fire Department, 9 Metro Tech Center, Brooklyn, New  
3 York 11201. Office number is [REDACTED]. Email address is [REDACTED]  
4 [REDACTED].

5 MR. SINGH: Leonard Singh, L-e-o-n-a-r-d, S-i-n-g-h.  
6 Chief Engineer of Gas Distribution, Con Ed. NTSB party rep. on  
7 this case. [REDACTED].

8 MR. CHHATRE: Thank you very much.

9 INTERVIEW OF ROBERT CANNELI

10 BY MR. CHHATRE:

11 Q. Mr. Canneli, we understand you were the first, I guess,  
12 apparatus at the scene. So if you would kindly just go ahead and  
13 walk us all through that day, what happened, how did you learn  
14 about the accident, your actions?

15 A. Okay. I was working on the mentioned day at Engine 58.  
16 It was early during the day tour, which starts at 9:00, and I was  
17 upstairs in the firehouse, which is located only, I guess, about  
18 four or five blocks from the incident. And I heard and  
19 simultaneously felt, I didn't know exactly what it was at the  
20 time, but it sounded like a, sounded and felt like a, you know,  
21 some sort of car accident or some form of explosion or a  
22 derailment.

23 So I immediately headed downstairs into the firehouse  
24 because I could tell we were going to be responding to whatever it  
25 was. And as I got downstairs to what we call the apparatus floor,

1 some of the other firefighters in the house were coming into the  
2 firehouse. You know, I could tell there was certainly a -- you  
3 could tell there was something wrong, you know, something big had  
4 happened.

5           They had gotten word from, I guess, people who were in  
6 the vicinity that there was -- something happened on Park Avenue.  
7 We weren't sure exactly where, but we just started to go. We  
8 didn't, I don't recall ever being dispatched, but we started to  
9 head towards Park Avenue. And I was expecting a derailment  
10 because, obviously, the metro north train is there. And as I  
11 proceeded -- I was driving the apparatus. We proceeded out of  
12 quarters and I turned left onto 112th Street from 5th Avenue and  
13 then headed straight to Park Avenue, turned left onto Park Avenue.

14           At that time, I was expecting to see a train off the  
15 elevated tracks, but I, obviously, I didn't see that. But there  
16 was, a lot of people as I could see a lot of people, a lot of  
17 activity, a few blocks ahead as I was, you know, heading towards  
18 116th Street and Park. People were waving us in. You know, you  
19 could tell that there was, you know, something big had happened.  
20 You know, there was a lot of excitement.

21           At that point, as I reached 116th Street, I could then  
22 see the fire. You know, because of the elevated tracks there and  
23 all the stone work, I wasn't able to see it until I got to 116th  
24 Street. I made the left onto 116th Street and there was --  
25 fortunately, there was a hydrant right on the corner of 116th

1 Street and Park Avenue. It was on the northwest corner of that  
2 intersection.

3 Q. Just let me show --

4 A. Let's see.

5 Q. Go ahead --

6 A. Yeah. I proceeded north on Park Avenue. I turned left  
7 and I was able to take this hydrant right here on the northwest  
8 corner of Park Avenue and 116th Street.

9 For my purpose, it was an ideal hydrant to be able to have  
10 access to. The back of the apparatus was in line with the  
11 sidewalk. So the other members of my company were, you know,  
12 easily able to what we call stretch hose lines right to the fire.  
13 The hydrant was in perfect working order and I was able to get  
14 water, you know, immediately.

15 There was a lot of debris around. I wasn't -- initially I  
16 had some concern that, about the safety of where I was parked,  
17 because there was a car parked right in front of where I was and  
18 the hydrant that I took that was, you know, crushed from the  
19 debris, and which was amazing to me because there was a building  
20 --

21 Q. The car here was crushed?

22 A. Yeah. Yeah, there was, yeah, a car. The hydrant was  
23 right here and there was a car parked right there, which was, I  
24 mean -- well, I'm not going to say it was completely crushed, but  
25 it was pretty --

1           Q.     Damaged?

2           A.     -- severely damaged. And there was a huge chunk of the  
3 roof parked right in front of my apparatus as well, you know, so  
4 initially there was some concern of mine that it might not be the  
5 best place to be, but as it turned out, it was fine. There was  
6 the one explosion and there was no future, you know, need for a  
7 concern about that, but as far as my company's job that day, it  
8 worked out very well, you know, because of where I was parked and  
9 the location and that was out of the way; other apparatus were  
10 able to get in.

11                 So I was able to give water to the firsthand line, the  
12 hose line. And then there were additional hose lines that were  
13 stretched off my apparatus. They didn't, I don't recall exactly  
14 where the hose lines went. I do remember that one of them went  
15 through the roof. I believe it was the roof here on 91-93 East  
16 116th Street, and from there, they were able to, you know, put out  
17 the fire of where the explosion had taken place.

18                 I provided water for three hand lines. There were three  
19 hose lines off my apparatus. Unfortunately, I can't recall to  
20 whom I supplied water. I certainly did not supply water to tower  
21 ladders, which were used that day. I didn't provide any of those  
22 lines. There were other engine companies around. There were some  
23 water issues. Any time you have a fire of that magnitude with  
24 that many hand lines, you're going to come across, not always, but  
25 it's not uncommon to come across hydrants that aren't in working

1 order. So there was some issues with water, but there were many,  
2 many hand lines stretched and there wasn't -- I don't think it  
3 impeded the operation at all.

4 Other than that, my job is to stay at what we call the  
5 pump panel and I just got to make sure, it's important for me to  
6 make sure that the hydrant water coming in is sufficient and the  
7 pressures of all the hand lines are all adequate. And we have  
8 gauges on the apparatus to make sure that all those pressures are  
9 acceptable. And that was never a concern for me. Ordinarily, we  
10 try not to use one apparatus to provide three lines. But in that  
11 situation, it just happened that way, you know? Companies need to  
12 pick up hand lines and I was, I had adequate water pressure, so I  
13 was able to provide them.

14 Q. What is a typical adequate pressure for you?

15 A. Well, based upon distance from the apparatus and the  
16 amount of, the amount and type of hose line, whether it be 1 inch  
17 and 3/4 hose line or 2 1/2 inch hose line, there are certain  
18 pressures that we supply. You know, there's friction loss, there  
19 is, at the nozzle, you need a certain pressure and then there's  
20 elevation. So we take all those things into account and I never  
21 had any issue with any of the pressures.

22 Q. Could you just briefly address your background, how long  
23 you have been with the fire department, whatever training you got?

24 A. Okay. I've been with the fire department since 1993,  
25 which it would be, at that point, about 21 years, approximately,

1 at that time. I was, I received training to be what we call a  
2 motor pump operator or a chauffer back in, I guess, about 2004.  
3 So I've been driving the fire truck almost exclusively since 2004,  
4 although I am qualified to take any position, but that is the  
5 position that most of the time I'm given because of my seniority  
6 in the house.

7 Q. Okay. Now, so do you stayed with your fire engine all  
8 the time and --

9 A. I was with the engine the entire time.

10 Q. Okay. Upon your arrival, did you smell any natural gas  
11 odor, anything that could be a telltale sign as to what might have  
12 caused the explosion?

13 A. No. I never smelled anything. I mean, there was a  
14 heavy, heavy fire condition at the time. But I never, no, I did  
15 not smell gas.

16 Q. Okay. Did you ever go to, in front of 1644 and 1646  
17 buildings, ground zero buildings? I mean, you're parked right  
18 here?

19 A. Yeah.

20 Q. Do you ever walk around any of these locations,  
21 around --

22 A. I wasn't able to get very close because the street was,  
23 the street was, it was a lot of debris. There were cars parked in  
24 front. So I never, I don't believe I ever got close to the front  
25 of the building.

1 Q. Okay. So tell us what else you saw besides the roof in  
2 front of you, a car damaged?

3 A. Well, there were a lot of windows that were blown out,  
4 you know, a lot of glass. In addition to that section of roof,  
5 there was other debris that wouldn't ordinarily be at the type of,  
6 the normal type of fires that I've been to. It seemed to me that,  
7 you know, from what I had heard and what I had felt and what I had  
8 seen that it was a gas explosion. But as far as smelling  
9 anything, I never smelled gas.

10 Q. So for the fire department, at what level you start when  
11 you come in as a new person?

12 A. When you get assigned, when you get appointed to the  
13 fire department, you go through the fire academy, which, at the  
14 time that I was a firefighter, was a nine-week academy.

15 Q. Okay.

16 A. And I was assigned Engine 58. I was there until, I  
17 think, 2006. I briefly was a fire marshal. I did that for about  
18 a year and a half.

19 Q. Okay?

20 A. And then I returned to Engine 58 and I've been there  
21 since.

22 Q. Back again? Okay. In your long tenure, are you  
23 involved in the past in accident of this magnitude?

24 A. The biggest thing I've ever been to was September 11,  
25 2001.

1 Q. Okay.

2 A. I was at the Trade Center on that day and the magnitude  
3 of that was certainly a lot larger.

4 Q. Oh, yes.

5 A. But other than that, as far as I can recall, that was  
6 the largest scene that I had been involved with, especially being  
7 the first one there.

8 Q. Now since the accident, did you guys have any, what I  
9 consider, the lessons learned meeting within your group of people  
10 to find out what went right, what went wrong, what could be  
11 improved?

12 A. We often hold informal critiques of any fire emergency  
13 that we go to, and that day was no different. We did discuss it.  
14 I spoke to one of the guys. Yeah, we all got together and one of  
15 the men, Thomas Long (ph.), who is assigned to 58 Engine, I  
16 complimented him on the job that he had done on that day. As far  
17 as we were concerned, everything went like clockwork, you know.  
18 Everything was, we felt as though we'd handled it as best as we  
19 could and, you know, we didn't find any issues with any of our  
20 tactics.

21 Q. And what time did you leave that day?

22 A. I believe I was there until about 5:00 or 6:00 p.m. that  
23 day.

24 Q. Okay. And what is your normal shift? Is it 12 hour, 24  
25 hour?

1           A.    The day shift is 9:00 until 6:00.

2           Q.    Okay.  But you do just a day shift?  Some firefighters  
3 have, like --

4           A.    Yeah.

5           Q.    -- 24-hour shifts and --

6           A.    I don't recall.  I could certainly check into that.  But  
7 I don't recall if I did.  I don't ordinarily work very many 24-  
8 hour shifts, so, but I'm not positive --

9           Q.    Okay.

10          A.    -- about that day.

11          Q.    Since you are there until 6:00 that day, do you hear  
12 about the secondary explosion that happened on Park Avenue?  Did  
13 you hear it?  Did you see it?  Anybody told you?

14          A.    No, I did not.

15          Q.    Okay.  Anything else you'd like to add, something that  
16 we did not ask you that might help us?  You were there, so we are  
17 seeing the accident through your eyes, so --

18          A.    Sure.  Other than the large volume of fire, that was the  
19 thing that struck me most was it was just a tremendous amount of  
20 fire and, you know, for us, it's difficult for us to, you know, to  
21 be too aggressive and do too many searches too quickly until the  
22 fire is put out.  So there was a tremendous amount of fire, you  
23 know, and that's --

24          Q.    That's a --

25          A.    -- that's the only thing I can really --

1 Q. Okay.

2 A. -- you know, try to let you in on is that it was a, you  
3 know, tremendous volume of fire for us. And it was never an  
4 interior attack. There was no interior.

5 Q. Thanks for your time.

6 MR. CHHATRE: And I'll pass it on to Kelly and anybody  
7 else.

8 BY MR. EMEABA:

9 Q. Welcome. I know, based on what you've already  
10 described, there's not really much to ask, but you mentioned that  
11 you had water issues. The water issue, was that as a result of  
12 lack of pressure from the fire hydrant or there was no water at  
13 all coming from the fire hydrants?

14 A. It was difficult for me to get a grasp on the big  
15 picture of what was going on. There was on, I guess it was on --  
16 right on the corner of the southwest corner of 116th Street and  
17 Park Avenue, I'm not quite sure who was doing the work, but there  
18 was a lot of jackhammering going on in the street, and from where  
19 I was positioned it was very difficult for me to hear all the  
20 transmissions that were going on around me. And it went on for --  
21 it wasn't like it was only a brief time, it seemed as though it  
22 was going on for what seemed to be hours. So I couldn't  
23 specifically tell you what exactly the water issues were because,  
24 as far as I was concerned, hydrant that I was on, the water was  
25 fine.

1           But from what I understand, I believe 91 Engine, they  
2   had to go all the way around the block, I believe onto 117th  
3   Street between Park and Madison to get a hydrant. I believe one  
4   of the hydrants, one or more of the hydrants that they were trying  
5   to access weren't fully functional. Exactly if they were  
6   nonfunctional or not fully functional, I'm not sure. But there  
7   was some form of a hydrant issue.

8           Q.    Okay. Following up with Ravi's question, from your own  
9   engine, your own vehicle, what pressure do you actually release  
10  water? At what pressure, specifically?

11          A.    Okay. We could pump -- do you mean the maximum pressure  
12  I can pump or --

13          Q.    The maximum and at what pressure were you pumping at?

14          A.    Well, like I said, there were three hand lines and I  
15  don't specifically remember the pressures, but I believe there  
16  was -- I had to be pumping at probably about 100 PSI for the first  
17  hand line. You know, that's as a result of, like I mentioned  
18  earlier, there's friction loss per length and you want a certain  
19  pressure at the nozzle, so for the number of lengths that were  
20  stretched -- it was a relatively short stretch. It couldn't have  
21  been more than, you know, 100 feet, if that. So I think there  
22  was, like, they probably pulled off four lengths, so it was  
23  probably somewhere between 75 and 100 PSI.

24          Q.    Okay. So is your pressure kind of adjustable by you?

25          A.    Yes. Yeah, that can be controlled. We have gates and

1 we also have, you can open up the gate and you can get more  
2 pressure or you can throttle up the engine to get additional  
3 pressure. So as far as I was concerned, I never had any issues  
4 with the pressures that I was providing to each of those hand  
5 lines.

6 Q. Okay. So based on the pressure you were, you know,  
7 sending out, is the system you're using, your pressure, so is it  
8 kind of a compressible system to increase the pressure or what?

9 A. Well, the way I can increase pressure is to just raise  
10 the throttle. It's as though you were just stepping on the gas  
11 pedal. If you raise the throttle, it'll increase the pressure.

12 Q. So it's based on the pressing the throttle?

13 A. Well, I don't actually use the throttle. There's a  
14 computer on the pump panel and that's called the pressure  
15 governor. And what I do is if, for example, if I needed 200  
16 pounds of pressure on a given hose line, what I would do is I  
17 would open up the gate all the way and if that wasn't, if that  
18 doesn't provide me with enough pressure, then I, what I do is  
19 there's a button on there I could throttle up using that. And  
20 it's the same as if you had -- were to step on the gas pedal. It  
21 just, it raises the RPMs of the engine.

22 Q. Okay. And how long from the time of the accident did  
23 you arrive to the site?

24 A. I've never seen the statistic. As I recall, it was a  
25 extremely fast response, given that we self -- how should I say --

1 we self-dispatched, basically. So statistically I would imagine  
2 it was probably a 2-minute response time.

3 Q. Okay. Is that a standard procedure from the --

4 A. No, it's not. It's completely not a standard procedure.  
5 But as I mentioned earlier, due to the fact that we all heard and  
6 felt the explosion and there were some civilian passerbys [sic]  
7 who provided some information for us, we, at that time, we decided  
8 that we were going to start going. We weren't going to wait to be  
9 dispatched. That's the best of my recollection.

10 Q. Thank you so much.

11 A. You're welcome.

12 MR. CHHATRE: Chris?

13 BY MR. STOLICKY:

14 Q. This is Chris Stolickey. The question off what you were  
15 just talking about, there may not be a standard procedure for how  
16 you guys responded, but did you guys have some type of training in  
17 abnormal operating. You're trained to recognize, you know --

18 A. Well --

19 Q. -- not quite right and you react?

20 A. -- I don't believe it was anything we were trained in.  
21 At the time it just seemed like common sense to us, and it may  
22 have been considered a, like, what we call a verbal, you know, if  
23 someone comes to us and tells us that, you know, there's a fire or  
24 there's an accident or someone hurt, we consider that, like, a  
25 verbal. So, you know, what ordinarily would happen is if someone

1 came to us and said there was some sort of issue, we would notify  
2 the dispatcher that we were responding and we'd give them any  
3 information that the civilian gave us.

4 Q. So in this situation, do you relay back to somewhere  
5 else to let them know that you're responding?

6 A. Yes. I believe -- I personally didn't, and I believe, I  
7 don't think that 58 Engine did that, but I'm 99 percent sure  
8 Ladder 26, who was ordered with us, we were together at the time,  
9 I believe they were in contact with the dispatchers as we were  
10 responding.

11 Q. Okay, back to the pumping of the truck. Do you need a  
12 minimum pressure coming in to the truck? Or is it more flow?

13 A. Well, there is a pressure. What happens is if you start  
14 pumping and your hydrant pressure drops by 25 percent, then you  
15 don't, at that point, you're not going to provide anymore hand  
16 lines, you know. You're going to notify the command that you have  
17 a hydrant that doesn't have adequate pressure and that you cannot  
18 pump for another hand line. But ordinarily, I don't recall  
19 specifically that day, in our area we have about 50 PSI from the  
20 hydrants and that's certainly adequate pressure to pump three hand  
21 lines.

22 Q. If that drops down to 20, 15 or 10, will you still be  
23 able to get enough water out of it?

24 A. Well, what'll happen is they call it, you run away from  
25 water, where if you're not getting enough volume of water coming

1 in, the pressure governor, which I mentioned, which is located on  
2 the pump panel, will automatically -- will accommodate for that  
3 and it'll rev up to the engine, and it'll attempt to get more  
4 water into it. So we're trained to always utilize the pressure  
5 governor, so in instances like that it could make up for any of  
6 deficiencies that we have.

7 Q. Okay. I have one more question. At any point in time  
8 did you have to move your hoses to a different location or even to  
9 let any more apparatus come through?

10 A. I don't believe so. Like I said, considering where I  
11 was parked and the back of my apparatus, which was where the hose  
12 comes off, was even with the sidewalk heading, you know, towards  
13 117th Street, I don't really believe that there was much hose in  
14 the street at all.

15 Q. Okay.

16 A. It was on the sidewalk and then, you know, maybe just  
17 slightly in the street where it came off, but I don't believe that  
18 was an issue.

19 Q. And you didn't have to move any hoses because of water  
20 problem?

21 A. Like I said earlier, where I was and with my hose lines,  
22 there were no water issues whatsoever.

23 Q. Okay.

24 A. So what other companies did or had to do, I really don't  
25 have any knowledge of that.

1 Q. Okay. Thank you.

2 MR. CHHATRE: Frank?

3 MR. MCCARTON: I have no questions.

4 MR. CHHATRE: Okay.

5 Len?

6 MR. SINGH: Just one question.

7 BY MR. SINGH:

8 Q. You said you never smelled gas but you thought it  
9 could've been a gas fire. What led you to believe that it was a  
10 gas fire?

11 A. Well, the explosion that I heard, it gave me that  
12 indication. But other than that, other than the debris and the  
13 windows being blown out, those were the indications that gave me  
14 that it was a gas explosion. But those are the only things, just  
15 things that I noticed, but there's nothing concrete that I felt  
16 for sure it was. But that was the indication that I had gotten  
17 from all of the physical evidence that I had seen.

18 Q. Yeah. Just a question. Well, going back, piggybacking  
19 on what Chris question was asking you about the makeup, runaway  
20 water, right? In your indications on your experience with the  
21 truck that day, did you see that as you had three hand lines on  
22 there that you had to kind of race to keep up?

23 A. No. There was, as far as I could see, from everything  
24 that I had noticed, I never had any --

25 Q. Nothing abnormal?

1           A.    -- anything at all with the hydrant pressure.  There was  
2 no indication of that.

3           Q.    They truck wasn't doing, like, over duty or nothing like  
4 that?

5           A.    No.  No.  And -- no.  No indication of that.

6           UNIDENTIFIED SPEAKER:  Ravi?

7           MR. CHHATRE:  Yeah?

8           UNIDENTIFIED SPEAKER:  Leon's got a question.

9           MR. HEYWARD:  How long -- this is Leon Heyward.

10          MR. CHHATRE:  Sure.

11          MR. HEYWARD:  City DOT.

12          BY MR. HEYWARD:

13          Q.    How long were you out there and stayed hooked up?

14          A.    I was there from, I guess, about from the time that we  
15 arrived --

16          Q.    Very beginning?

17          A.    -- until, it had to be probably about 5:00 p.m.

18          Q.    Okay.

19          A.    Then once we, they relived my company, another engine  
20 company took my place --

21          Q.    Hooked up?

22          A.    -- and hooked up and -- I'm not quite sure how many hand  
23 lines were still being supplied at that time, but we were able to  
24 shut down and they took over the pumping operations.

25          MR. CHHATRE:  Chris?

1 MR. STOLICKY: No, sir.

2 MR. CHHATRE: Kelly?

3 MR. EMEABA: I'm okay. Thank you.

4 MR. CHHATRE: No more questions?

5 BY MR. CHHATRE:

6 Q. Have you heard about -- and this is Ravi, NTSB. Do you  
7 hear anything about a hole in the street opening on Park Avenue?

8 A. I did.

9 Q. And were you there when you heard about that or you  
10 heard it later on?

11 A. I heard it later. I heard -- we received a phone call  
12 from the scene asking me if I had noticed anything with the street  
13 prior to the incident, you know, in the days, weeks, months  
14 leading up to the incident. I personally, I didn't notice  
15 anything beforehand about the condition of the street. Now, I  
16 drive all the time when I work and so I don't recall. That  
17 doesn't mean that there wasn't something with the street, but I  
18 have no recollection of anything specific with that location. We  
19 don't drive that way that often.

20 Q. And with your long career with the fire department, are  
21 you ever involve in the water main breaks? Do the fire department  
22 get involved, called in for other reason if a water main break?

23 A. Yes. The fire department does respond to water main  
24 breaks.

25 Q. And were you involved personally in any of the water

1 main breaks in your career?

2 A. No. I never have been.

3 Q. That's all I have.

4 MR. CHHATRE: Nobody has any?

5 Thank you so much. Oh.

6 MS. ORGIAS: I just -- sorry. Sonja Orgias. I just  
7 wanted, upon review of the call history, I believe if Engine 58  
8 responded around the time of Ladder 26, that's between 9:33 and  
9 9:35 a.m. that morning, so within two to four minutes.

10 MR. CHHATRE: Okay. So they respond -- you responded at  
11 between 9:33 and 9:35, is that what you're saying, by --

12 MS. ORGIAS: That's what it appears from the call  
13 history --

14 MR. CHHATRE: Okay.

15 MS. ORGIAS: -- if they responded within minutes of each  
16 other.

17 MR. CHHATRE: Okay. Thanks for that clarification.

18 Thanks for stopping by, educating us. And if you recall  
19 anything, if you remember anything, feel free to get back to us  
20 through Frank or, you know, we'd love to hear from you if you  
21 remember anything that could help us. Thanks again.

22 MR. CANNELI: Thank you.

23 MR. CHHATRE: Off the record.

24 MR. CANNELI: Thanks everyone.

25 (Whereupon, the interview was concluded.)

CERTIFICATE

This is to certify that the attached proceeding before the

NATIONAL TRANSPORTATION SAFETY BOARD

IN THE MATTER OF:           NATURAL GAS DISTRIBUTION PIPELINE  
                                  LEAK AND MULTISTORY STRUCTURE  
                                  EXPLOSION IN HARLEM, NEW YORK  
                                  MARCH 12, 2014  
                                  Interview of Robert Cannelli

DOCKET NUMBER:           DCA-14-MP-002

PLACE:                    New York, New York

DATE:                     September 30, 2014

was held according to the record, and that this is the original,  
complete, true and accurate transcript which has been transcribed  
to the best of my skill and ability.

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Karen A. Stockhausen  
Transcriber