

UNITED STATES OF AMERICA

NATIONAL TRANSPORTATION SAFETY BOARD

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Investigation of:

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THE EXPLOSION OF APARTMENT
BUILDING 8701 OF FLOWER BRANCH
APARTMENTS IN SILVER SPRING,
MARYLAND ON AUGUST 10, 2016

Accident No.: DCA16FP003

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Interview of: CHRISTOPHER KAIN

Fire Station 16
111 University Boulevard East
Silver Spring, Maryland

Tuesday,
February 14, 2017

APPEARANCES:

RAVI CHHATRE, Investigator in Charge
National Transportation Safety Board

KALU KELLY EMEABA, Pipeline Investigator
National Transportation Safety Board

STEVEN PRICE, Assistant Vice President for
System Operations
Washington Gas

LT. WILLIAM OLIN, Fire and Explosives Investigator
Montgomery County, Maryland

JOHN CLEMENTSON, Assistant Chief Engineer
Public Service Commission of Maryland

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I N T E R V I E W

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2 MR. CHHATRE: -- February 14th, 2017. We are currently in
3 the Fire Station 16, located at 111 University Boulevard East,
4 Silver Spring, Maryland. We are meeting regarding the
5 investigation of explosion of Building 8701 Flower Branch
6 Apartments, Silver Spring, Maryland, that occurred on August 10,
7 2016.

8 My name is Ravi Chhatre. I'm with National Transportation
9 Safety Board located in Washington, D.C., and I am investigator in
10 charge of this accident. The NTSB investigation for this accident
11 is DCA16FP003.

12 I would like to start by notifying everyone present in this
13 room that we are recording this interview and we may transcribe it
14 at a later date. Transcripts will be provided directly to the
15 interviewee for review and identifying any typographical errors.
16 The transcripts may be posted in NTSB's public docket.

17 Also, I would like to inform Mr. Christopher Kain that you
18 are permitted to have one other person present with you during the
19 interview. This is a person of your choice: your supervisor,
20 friend, family member or, if you choose, no one at all.

21 Please state for the record your full name, spelling of your
22 name, organization you work for and your title, business contact
23 information such as mailing address, and whom you have chosen to
24 be present with you during your interview.

25 MR. KAIN: My first name is Christopher, C-h-r-i-s-t-o-p-h-e-

1 r; last name of Kain, K-a-i-n. I am currently assigned to
2 Montgomery County Fire and Rescue, Station 16, 111 University
3 Boulevard East, Silver Spring, Maryland. My job title is a
4 Firefighter 2. Phone number for the fire station is [REDACTED].

5 MR. CHHATRE: And your mailing address, business mailing
6 address?

7 MR. KAIN: 111 University Boulevard, East.

8 MR. CHHATRE: And your business email?

9 MR. KAIN: It's christopher -- [REDACTED]
10 -- [REDACTED].

11 MR. CHHATRE: Thank you for that.

12 Now I would like to go around the room and have each person
13 introduce themselves. Please state your name, spelling of your
14 name, your title and the organization that you represent, and your
15 business contact information, starting from my left.

16 MR. CLEMENTSON: John Clementson, C-l-e-m-e-n-t-s-o-n,
17 assistant chief engineer with the Public Service Commission of
18 Maryland. [REDACTED].

19 LT. OLIN: William Olin, fire and explosives investigator for
20 Montgomery County, Maryland. Phone number: [REDACTED]. Email:
21 william -- [REDACTED] --
22 [REDACTED]

23 MR. PRICE: Steve Price, assistant VP for system operations
24 at Washington Gas. My email address is [REDACTED] My
25 telephone number is [REDACTED].

1 MR. EMEABA: I'm Kalu Kelly Emeaba, K-a-l-u, K-e-l-l-y, E-m-
2 e-a-b-a. I am an NTSB investigator.

3 MR. CHHATRE: Thank you very much.

4 INTERVIEW OF CHRISTOPHER KAIN

5 BY MR. CHHATRE:

6 Q. Mr. Kain, do you recall going to the Flower Branch Apartments
7 maybe a couple of weeks before the explosion to an odor call?

8 A. I do.

9 Q. Do you remember roughly what date, what time?

10 A. I don't remember the date exactly. I know it was in the
11 evening time. It was nighttime outside.

12 Q. Okay.

13 A. We went for a reported outside odor of gas at that particular
14 address.

15 Q. Just walk me through how did you hear about the call, what do
16 you do. Just walk through the whole process until you came back.

17 A. So ECC is our communications center. They got the call for
18 the outside odor of gas, which then alerted the station. When the
19 station got alerted, we hopped on the engine company and proceeded
20 down the road to the dispatch address.

21 Q. And what happened after you arrived? How long it took you to
22 reach the location roughly?

23 A. I'd say roughly 3 to 4 minutes, if that.

24 Q. Okay.

25 A. While going down the road, I was in charge of turning on the

1 4-gas. The whole reason I turn it on prior, so that way I'm not
2 delaying getting any readings prior to getting on scene of the
3 actual incident.

4 Q. And do you know who made that 4-gas unit, who the
5 manufacturer was?

6 A. Not to my knowledge. That --

7 Q. Is that typically what you do, you measure the gas
8 concentration?

9 A. Yes. I turn on the 4-gas meter. It's at the discretion of
10 the lieutenant whether or not -- or the lieutenant or the captain
11 whether or not I'm to stay with the rig and he takes the 4-gas or
12 I go with him with the 4-gas and go around the building.

13 Q. Do you know what a 4-gas meter detects? What does it
14 measure?

15 A. Oxygen level, CO2, lower explosive limit. In this particular
16 incidence we got a call for an outside odor of gas, it can detect
17 the natural gas scent.

18 Q. Okay. And how do you calibrate that? Or did you calibrate
19 that?

20 A. I did not calibrate it. When we turn the 4-gas on, it comes
21 up with a date of when calibration is due. When that's due, we
22 put the 4-gas on the truck company and they go over to Station 12
23 and they have a calibration machine over at Station 12.

24 Q. So when they calibrated, each time you use you don't have to
25 do anything to the machine? You just turn it on and start taking

1 readings?

2 A. No. Once the call is done, if we have readings, even if we
3 don't have readings, I zero the meter out completely so all
4 readings are zero and everything -- back is to how I checked it
5 out in the morning of zero readings across the board.

6 Q. So in this case, when you turn the meter on, on the fire
7 engine itself, does it read zero?

8 A. Yes.

9 Q. Okay. I'm sorry. Okay, so what happened? You arrived at
10 the building. What happened then?

11 A. So once we arrived, the lieutenant walked up to the calling
12 party and had a conversation with him. I wasn't close enough to
13 actually hear the conversation. The only thing that I did hear
14 was the lieutenant turned back to me and said it's near the
15 mailbox area as soon as you walk in the front entrance.

16 While he was having a conversation with them, there was three
17 or four adults sitting to the right on the terrace level
18 apartment, and I asked them if they smelled anything out of the
19 ordinary and they all shook their head no towards me.

20 Q. And then what did you do after that?

21 A. After that, we walked in the front entrance. In the mailbox
22 area where he said he could smell the gas area, still had zero
23 readings across the 4-gas the whole time. The lieutenant went
24 with him and he advised me to go upstairs to the third floor,
25 knock on residents' doors and check the hallway itself. I believe

1 when I knocked on the three doors, two residents answered the door
2 and they allowed me to take the 4-gas and go in and sweep their
3 apartments, and there was nothing found in those two. The third
4 apartment there was nobody home so I took a door chock and
5 actually made a -- created a void space in the top part of the
6 door and ran along down where the handle is and underneath the
7 door itself; zero readings.

8 Proceeded down to the second floor. I believe there was
9 nobody home on all three of those apartments. Again, on all three
10 doors I created that void space and 4-gas around it there; zero
11 readings.

12 Went back down to the first floor. One apartment was
13 occupied and he allowed us to go in there. Again, ran the meter
14 all throughout his apartment; no readings. We thought we smelled
15 something but then, you know, it -- to me it smelled like a wall
16 scent, a plug-in -- like a Glade wall scent type deal. That was
17 the only thing I could smell in that apartment. The two adjacent
18 apartments, there was nobody home. Again, created that void
19 space, and then went downstairs to the basement where the laundry
20 room area is.

21 We were unable to gain access to any of those apartments,
22 too, and again created that void space and ran the meter along all
23 four edges and zero readings from the time I walked into the
24 apartment to the time I walked outside.

25 Q. So everywhere you went, the readings were zero, pretty much?

1 A. Yes. There was no pretty much. They were zero everywhere
2 that we went in that apartment complex.

3 Q. And the apartments that were, I guess, occupied, did those
4 people say they smelled odor of any kind?

5 A. No. The two apartments on the third floor that I gained
6 access to, I asked them if they could smell anything. They told
7 me no. Went into the bedrooms, the kitchen area, the bathroom,
8 their living area, and I couldn't smell anything, the meter wasn't
9 picking up anything, and the residents told me they didn't smell
10 anything either.

11 Q. So the one location where you felt you smelled something,
12 which was -- it was on the second floor or ground level?

13 A. The -- I guess it would be the first floor is where the
14 mailboxes are when you walk in.

15 Q. Let's -- this is kind of rough sketch, if you were at 8703,
16 and -- come forward a little bit. 8701, which is the incident
17 building, and the (indiscernible) here.

18 A. So if the mailboxes are here --

19 Q. Um-hum.

20 A. It was the apartment straight back right from the front door.
21 That's where we spent most of our time, I'd say 4, 5, maybe 6
22 minutes. And just --

23 Q. And you had to wedge open that door?

24 A. No. That gentleman actually let us in his apartment and we
25 were able to run the 4-gas through his entire apartment. There

1 was no smell -- the only thing that I could smell, like I said,
2 was like a wall scent or an incense or some form of a, you know,
3 odor --

4 Q. But not necessarily natural gas?

5 A. No. It was not natural gas at all.

6 Q. Okay.

7 A. To me it smelled, you know, like a Febreze -- somebody
8 sprayed something and I got a whiff of something that smelled --

9 Q. Okay. And your meter is showing zero anyway.

10 A. Zero. At one -- not -- at zero point in time did I have any
11 readings on my 4-gas.

12 Q. And what happened then?

13 A. So after that, we didn't find any readings and I still had
14 the meter on as we walked outside, and then I keep the meter on
15 until we walk back to the unit itself. Still had zero readings
16 from the time I left the front door to I got to the rig and then I
17 turned --

18 Q. Turned it off.

19 A. -- turned it off.

20 Q. Did you try to take any readings where the vent pipe comes
21 above the ground? Did you take any readings of the vent pipe near
22 that area?

23 A. Outside? No.

24 Q. No. No readings of that area.

25 A. We focused on where he said he thought it was.

1 Q. Sure.

2 A. Like I said, I asked the -- there was either three or four
3 adult residents to the --

4 Q. So where they were sitting in this --

5 A. They were -- so if this the front entrance --

6 Q. Right.

7 A. -- where the X is, they were sitting over here to the right.

8 Q. Right side, over to the right. Okay.

9 A. So facing the building, they were on my right.

10 Q. On the (indiscernible) side. So 8703 will be on your left-
11 hand side?

12 A. Correct.

13 Q. And as far as the meter goes, have you used a meter in the
14 past?

15 A. I have.

16 Q. And have you seen any readings in the past?

17 A. I have. I've seen readings as high as 150 parts per million
18 to zero.

19 Q. So you used the meter and meter showed readings in the past?

20 A. Um-hum. I've run even something as small as having 2 or 3
21 parts per million on the gas meter.

22 Q. Now typically when you respond, do you have to kind of make
23 sure that it's working properly, like using some natural gas to
24 see if you're getting the -- the instrument is working at that
25 time? Sure, it's worked in the past, but do you have

1 (indiscernible)?

2 A. Right. So in the mornings I do my check out of it and zero
3 all the readings, make sure all of my -- making sure everything
4 passes the little self-test. We do not do bump tests here at
5 Station 16. I have done them in the past just because of being in
6 the Academy is where I got my initial training and they showed us
7 how to do the bump test, and then in-station training and then our
8 annual recert training with it. But we do not bump test it every
9 day in station.

10 Q. So based off your knowledge, was the meter working properly?

11 A. Yes.

12 MR. CHHATRE: Okay. That's all I really have.

13 UNIDENTIFIED SPEAKER: I don't have anything.

14 MR. CHHATRE: Okay.

15 BY MR. PRICE:

16 Q. Good morning. Steve Price, Washington Gas.

17 So when you show up on-site, you're in an engine truck,
18 correct?

19 A. Um-hum.

20 Q. Are your lights, are your emergency lights on?

21 A. Yep, my emergency lights are on, we responded to the call.
22 We were in full PPE: coat, pants, Nomex hood, helmet.

23 Q. And do you arrive with sirens on also?

24 A. Um-hum. Lights and sirens.

25 Q. So the folks that were sitting outside of that building would

1 have seen all this as you arrived?

2 A. Um-hum.

3 Q. And you asked them if they smelled anything --

4 A. Right. Anything out of the ordinary.

5 Q. Right.

6 A. And they shook their head and told me no.

7 Q. Right. And all the other residents you spoke with said the
8 same thing. None of them complained about previous problems with
9 natural gas or issues that were -- that they had concerns about?

10 A. That particular night, no. I've -- the gas calls that I've
11 run, it's right then and there. Nobody specifically has come up
12 to me and said this has been going on for X amount of days or --
13 nobody's come up to me personally and said anything.

14 Q. Was there any further conversation with the gentleman who you
15 met or who the lieutenant met at the close, at the finish of your
16 investigation? Do you remember?

17 A. To my knowledge, he -- as I was walking out, he was having a
18 conversation with him. I don't know the extent of that
19 conversation. It may be just to say we found nothing and if
20 anything else happens just to call us back.

21 Q. Okay.

22 A. That would be my general consensus on that one.

23 Q. Okay. So if a --

24 MR. PRICE: Ravi, can I see your sketch again?

25 MR. CHHATRE: Sure. Yes, yes, yes.

1 MR. PRICE: Because I was -- I'm just a little confused about
2 in this first, first floor level.

3 BY MR. PRICE:

4 Q. What's your understanding of how many apartments are on that
5 first floor level?

6 A. One on each side. So the -- we'll use the X as the door.

7 Q. Okay.

8 A. So there was an apartment off to the left and an apartment
9 off to the right.

10 Q. Okay.

11 A. And when we approached it, I want to say there's three or
12 four steps that led up into the landing here where the mailbox is.
13 While the lieutenant was talking with the gentleman at the
14 mailboxes, I looked to my right and asked those four, three or
15 four adults if they could smell anything out of the ordinary.

16 Q. Right.

17 A. And all of them told me no.

18 Q. Okay. And so -- and I'm just asking for clarification. But
19 there are four apartments on each landing in the building,
20 correct, except for the bottom?

21 UNIDENTIFIED SPEAKER: Except for the basement level.

22 MR. PRICE: Right. So there's one to the left and right on
23 the front side of each floor, and then there's one on the back
24 side on each side, as well.

25 BY MR. PRICE:

1 Q. So you at least recall speaking with and getting into one of
2 those --

3 A. On the first floor.

4 Q. -- on the first floor.

5 A. Correct.

6 Q. One of those apartments. And do you remember which one of
7 those four it was?

8 A. So immediately we walked past the mailboxes. Not the
9 immediate apartment to the left, but the one that kind of -- so if
10 you have a V here --

11 Q. Right.

12 UNIDENTIFIED SPEAKER: Which quadrant? Is it the Bravo
13 quadrant or the Charlie quadrant?

14 MR. KAIN: I would go with the Charlie quadrant, just the way
15 the V was. If this is the door here --

16 BY MR. PRICE:

17 Q. Right.

18 A. And then you had apartment here and apartment here. It was
19 the apartment almost directly in line with the front door itself.

20 Q. So you -- if you had to go right or left, you went sort of
21 more left?

22 A. Yeah. Sort of more left -- more straight than --

23 Q. Straight.

24 A. It's a straight shot from the front door to his apartment.

25 Q. Okay. And that's the apartment that you got into and were

1 able to check --

2 A. Right. That --

3 Q. -- all the way around?

4 A. Yep. And that's -- that was the apartment where I was able
5 to smell like a little scent or some form of an incense burning or
6 whatnot.

7 Q. Okay.

8 A. The third floor I was able to gain access to three out of the
9 four, and those three were the -- as soon as you come up the
10 steps, the Charlie and the two Delta quadrants.

11 Q. Okay. Do you know if the gentleman who made the call, if he
12 lived in that building and, if so, what apartment?

13 A. That I do not know. That I'm unsure of.

14 MR. PRICE: All right. Thank you very much.

15 MR. CHHATRE: Kelly?

16 MR. EMEABA: Yeah. This is Kalu Kelly Emeaba.

17 BY MR. EMEABA:

18 Q. Just a few questions. You mentioned that your gas range -- I
19 mean, gas detector monitor, that you turn it on while you are
20 still in the vehicle going out in that. Why did you do that?

21 A. I always turn it on prior to getting to the call so that way
22 I'm not delaying me waiting the -- I believe it's 8 to 10 seconds
23 it takes to cycle through. So that way when we arrive on scene, I
24 can immediately take that 4-gas and go wherever I need to go. So
25 that -- me turning it on prior to going down the road is I'm not

1 delaying an incident or something that --

2 Q. So when you get to the site, what do you do? Do you just
3 walk in with it because you already turn it on?

4 A. No. Because it's already on, the lieutenant made contact
5 with the calling party. Like I said, I believe it came out as an
6 outside odor of gas. So I was standing there going from -- if I'm
7 on the walkway, going from left to right. The gas meter didn't
8 detect anything and then that's when I asked the three or four
9 adult residents to my right if they could smell anything out of
10 the ordinary. Once the lieutenant was done talking with the
11 calling party is when we started to actually walk inside the
12 complex and take the 4-gas and go on each floor and into any
13 apartment that I was able to gain access to.

14 Q. Okay. So since you've already turned it on and you waited
15 for it to be zeroed, as you said, do you have to do anything to it
16 before you actually look at it and then whatever information it
17 gives to you becomes acceptable?

18 A. No. Once it's already on -- I know in the morning it's
19 already zeroed out and I didn't run any previous gas leak calls
20 prior to that one. So I know for a fact that everything was
21 zeroed and it's properly calibrated and everything. It passed its
22 test in the morning. So once it's on, it's -- and it does its,
23 you know, 8 to 10 second cycle through, it's ready to go.

24 Q. Okay. So besides turning it on and letting it zero, are
25 there -- do you have to set it to any point in order to detect a

1 particular form of gas?

2 A. So I can leave it on the main screen where I can -- it levels
3 -- or, I'm sorry, it detects four levels. So I can just walk
4 around there and then I can hit the mode button one more time and
5 it can give me a parts per million reading for CO. And that's in
6 the event that I have something that's displayed on my main
7 screen, is when I can change it over to my parts per million.

8 So at that time I had zero readings throughout so it didn't
9 prompt me to hit the mode button to go through my parts per
10 million, because I had zero readings all the way through.

11 Q. When you say to get the reading at level, you're only talking
12 about percentage of --

13 A. Right. There's --

14 Q. -- detection or you're talking about different kinds of
15 gases? Which one?

16 A. I'm sorry. One more time?

17 Q. When you say you set it where it can give you different
18 levels of readings.

19 A. So in the main screen it has my oxygen concentration, my --
20 oxygen, CO₂, lower level explosive, and my H₂S. So that main
21 screen itself, once I turn it on, everything is already in the
22 zero position except for my oxygen. My oxygen reads, you know,
23 normal readings of no more than 21 and no less than 19.5.

24 So going in, everything was on zero. It was checked out zero
25 in the morning and then zero on all four of my -- I'm sorry -- all

1 three. Of course, my oxygen didn't change because I had -- there
2 was nothing for it detect -- to change my oxygen levels.

3 Q. So based on that setting, which one do you expect that will
4 help you detect natural gas, if there is any one in the air?

5 A. My CO2. That will be the main one that I would look at
6 first. And then to my lower explosive, my LEL.

7 Q. Okay. So if you -- are you looking for CO2 or --

8 A. I leave it on that main screen because that way I can monitor
9 all four of my readings. I don't change it at all. The only way
10 -- or the only reason I would change it is to go my parts per
11 million, and that would just only show my parts per million. So
12 if I --

13 Q. Parts per million of what, of what gas?

14 A. CO2.

15 Q. Okay. So does that CO2 -- if you see CO2, does that qualify
16 as being natural gas leak? If you see parts per million in the
17 reading, which shows you parts per million of CO2 --

18 A. Um-hum.

19 Q. -- does that qualify as being natural gas leak?

20 A. Yeah.

21 Q. What is CO2? Do you know?

22 A. It's the carbon monoxide level.

23 Q. Is that carbon monoxide or carbon dioxide? Which one is it?

24 A. Monoxide.

25 Q. And what is CO?

1 A. Carbon dioxide. So you have -- I'm --

2 Q. So shouldn't CO be carbon monoxide and CO2 being carbon
3 dioxide?

4 A. I'm -- yeah. I'm sorry. I misunderstood you.

5 Q. Okay. So that's my question of going for that to say,
6 talking about where exactly -- when you're looking for methane,
7 which is gas, natural gas.

8 A. Um-hum.

9 Q. Okay? So what -- is there a position you have to set it to
10 say this is -- if you get this reading, this is natural gas
11 leaking? You know, gas, natural gas has no smell, has no odor in
12 the actual sense, beside the mercaptan that is added to it. So is
13 there a reading (indiscernible) meter where you can set it so that
14 since you are there for natural gas call, that when you see, you
15 say this is natural gas, not carbon monoxide, not carbon dioxide?
16 How do you confirm or, you know, satisfy within yourself this is
17 natural gas leak or it's not?

18 A. I would -- the lieutenant would ask me what my readings would
19 be and then he would decipher whether or not it was -- are you --
20 so if I had 35 parts per million, I would tell the lieutenant
21 because he would ask me what I had on my meter and I had 35 parts
22 per million. And then from that point on, we would then figure
23 out whether or not it was coming from, you know, a gas appliance
24 versus a natural gas appliance.

25 Q. Okay. Who does that decision; is it you or the lieutenant?

1 Who make the decision where you think the gas could be coming
2 from? You mentioned if you have 35 or a part per million --

3 A. So if we had 35 parts per million on that main entrance, then
4 we would check all the apartments on that main entrance and then
5 work our way up and work our way down, so then to pinpoint
6 actually where this leak is coming from or where the source is
7 coming from.

8 Q. Yeah. Just to -- I really want to learn from you because,
9 you know, some of us are a little bit ignorant of it. And when
10 you say part per million, is it part per million of what? Is it
11 carbon monoxide you're looking at or carbon dioxide or is it
12 methane gas? Which, you know, falls into natural gas which you
13 went there, you were responding for? Which part per million of
14 what, of what gas? That's my question.

15 A. Carbon dioxide.

16 Q. So you are looking for carbon dioxide?

17 A. Um-hum.

18 Q. Not natural gas?

19 A. Correct.

20 Q. So when you went to 8701, what gas were you looking for?
21 Carbon dioxide?

22 A. We got called for an outside odor of gas, which can be -- it
23 was just a generalized dispatch of an odor of gas outside.

24 Q. What --

25 A. There was no specific --

1 Q. They just said gas?

2 A. They just said an outside odor of gas.

3 Q. Okay.

4 A. It was not a specific of a natural gas leak, a propane leak,
5 a water heater leak. It was just generalized as an outside odor
6 of gas. So that's why on the 4-gas, it stays on the main screen
7 so that way I can monitor all three levels, including the fourth
8 one being my oxygen level.

9 Q. Thank you. Okay. I got what you said. That's why -- you
10 know, just following up with you because I really want to learn.

11 A. Right.

12 Q. I know that you don't have the meter before you here to --
13 that's my question, that you did mention the carbon monoxide, you
14 did mention the carbon dioxide, and you mentioned (indiscernible)
15 gas, which is oxygen level, correct?

16 A. Um-hum.

17 Q. Then I said which meter is able to tell you when it detects
18 carbon dioxide. Does it let you know when it is carbon dioxide
19 that is detected?

20 A. A specific gas?

21 Q. Yes.

22 A. No. It gives us a reading of the parts per million that it
23 essentially --

24 Q. Of those gases?

25 A. Yes.

1 Q. Okay.

2 A. At that point in time is when we would say, hey, okay, it's
3 coming from the laundry room and it's coming from a dryer. Or if
4 we go upstairs and it's -- you know, somebody's grilling out on
5 the deck and it's a propane tank that's leaking.

6 Q. Okay.

7 A. I mean, it -- me keeping it on that main screen lets me
8 monitor all four of my levels so the event that -- yes, it was
9 dispatched as an outside odor of gas, but now I have a lower
10 explosive limit of 5, 5 percent, and zero readings on parts per
11 million. That way I can detect all four and not just focus on,
12 you know, that outside natural gas smell or propane, because, like
13 I said, it was a generalized dispatch of an outside odor of gas.
14 There was no specific gas that was told to us.

15 MR. CHHATRE: And this is Ravi.

16 BY MR. CHHATRE:

17 Q. You did say your screen showed all four gases, right?

18 A. Um-hum.

19 Q. So all four will be read? They all four present, your meter
20 will show all the ppms in all --

21 A. Right.

22 Q. Okay. Thanks.

23 A. In the lower left-hand corner is the oxygen level, the 19 and
24 25 to 21 and --

25 Q. Thanks.

1 MR. CHHATRE: I'm sorry, Kelly. Go ahead.

2 MR. EMEABA: Thank you. I will stop here for now.

3 MR. CHHATRE: Okay. All right. Anybody have any follow-up
4 questions?

5 If not, we appreciate your stopping by and educating us.

6 Thank you so much.

7 Off the record.

8 (Whereupon, the interview was concluded.)

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CERTIFICATE

This is to certify that the attached proceeding before the

NATIONAL TRANSPORTATION SAFETY BOARD

IN THE MATTER OF: THE EXPLOSION OF APARTMENT
BUILDING 8701 OF FLOWER BRANCH
APARTMENTS IN SILVER SPRING,
MARYLAND ON AUGUST 10, 2016
Interview of Christopher Kain

ACCIDENT NUMBER: DCA16FP003

PLACE: Silver Spring, Maryland

DATE: February 14, 2017

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.

Kay Maurer
Transcriber