

National Transportation Safety Board Washington, D.C. 20594

Name: Phillip I	Murdock			
Department Atmos Energy / Shared Services				
Title: Director of Engineering and Compliance				
Date of Interview: April 24, 2018				
have reviewed my transcript(s) from the above referenced accident and:				
	I have no comments to make.			
	My comments are submitted herewith.			
X	My comments are marked on the attached copy.			

UNITED STATES OF AMERICA

NATIONAL TRANSPORTATION SAFETY BOARD

Investigation of:

NATURAL GAS-FUELED EXPLOSION OF * Accident No.: PLD18FR002

RESIDENCE, DALLAS, TEXAS FEBRUARY 23, 2018

Interview of: PHILLIP MURDOCK

Marriott Courtyard Hotel Plano, Texas

Tuesday, April 24, 2018

APPEARANCES:

ROGER EVANS, Investigator in Charge National Transportation Safety Board

JIM COLLINS, Regional Manager Railroad Commission of Texas

JOHN McDILL, Vice President of Pipeline Safety Atmos Energy

CHRIS McLAREN, DIMP Coordinator
Pipeline and Hazardous Materials Safety Administration
(PHMSA)

THOMAS W. TOBIN, Attorney Wilson Elser (On behalf of Atmos Energy)

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INTERVIEW

2 (12:30 p.m.)

2.0

MR. EVANS: Okay, on the record with Mr. Phillip Murdock of Atmos Energy. Good afternoon, today is April 24th it is now 12:30 p.m. My name is Roger Evans I m with the National Transportation Safety Board. I m a senior pipeline investigator with the Pipeline Accident Investigation Group out of Washington, D.C. For this accident I m the IIC, the investigator in charge. We re at the Marriott Courtyard Hotel in Plano, Texas.

This interview is being conducted as part of the investigation into the fatality home explosion that occurred on February 23, 2018, in a West Dallas suburb situated directly north of Love Field. The NTSB case number for this accident is PLD, as in Dog, 18FR002.

The purpose of the investigation is to increase safety, not to assign fault, blame, or a liability. This interview is being recorded and may be transcribed at a later date. A copy of the transcript will be provided to the interviewee for review prior to being entered into the public docket.

Mr. Phillip Murdock, please provide the spelling of your name, the company you work for, and your job title, please.

MR. MURDOCK: Phillip Murdock, P-H-I-L-I-P M-U-R-D-O-C-K, Atmos Energy, and I m director of engineering and compliance.

MR. EVANS: Thank you. You are permitted to have one person present during the interview. This is a person of your choice, a

```
supervisor, friend, family member, or nobody at all. Please state
 1
 2
    for the record who you ve selected.
         MR. MURDOCK: Thomas W. Tobin with Wilson Elser.
 3
         MR. EVANS: Okay, can the interviewee s representative please
 4
 5
    state for the record your name and spelling of your name and
 6
    affiliation?
                     My name s Tom Tobin, T-O-B-I-N, I m an attorney
 7
         MR. TOBIN:
 8
    with the Wilson Elser law firm in New York.
         MR. EVANS: Okay, thank you. Now, I d like to go around the
 9
    room and have each person state their name with their spelling,
10
    title, and the agency or organization you re representing. We ll
11
12
    start to my left and go around the room.
         MR. COLLINS: J-I-M C-O-L-I-N-S, regional manager for the
13
14
    Railroad Commission of Texas, contact information
15
                                                Phone number --
16
         MR. EVANS: No phones.
17
         MR. McDILL:
                      John McDill, M-C-D-I-L-L, vice president of
    pipeline safety for Atmos Energy. My address is
18
19
2.0
         MR. McLAREN: Chris McLaren, C-H-R-I-S M-C-L-A-R-E-N, I m the
21
    PHMSA DIMP coordinator, I work out of Houston at
22
23
         MR. EVANS: Okay, again, thank you so much for showing up
24
    today. We appreciate that it s going to do a huge amount for us
25
    to further this investigation, I m confident of that.
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- 1 begin, I would find out a little bit about your background.
- 2 INTERVIEW OF PHILLIP MURDOCK
- 3 BY MR. EVANS:
- 4 Q. Let s start with your education back, please?
- 5 A. I have a bachelor s degree in engineering from Northern
- 6 Arizona University. I have an MBA degree from Southern Methodist
- 7 University, and I m a registered professional engineer in the
- 8 state of Texas.
- 9 Q. Okay, thank you. And how long have you been at Atmos?
- 10 A. In June, it will be 42 years.
- 11 Q. Okay. And I know a 42-year career is a long career, but just
- 12 can you go back ten years what you ve done for -- let s say going
- 13 back tens year forward the positions you ve held?
- 14 A. When Atmos purchased TXG Gas in 2004, I became director of
- 15 | asset management for the Mid-Tex division. I held that position
- 16 until 2016. In 2016, I transferred to our Shared Services Group
- 17 | which is a corporate function, as director of engineering and
- 18 compliance. So I ve been in that role for two years.
- 19 Q. And just for the record, as far as the person that you report
- 20 to, to whom do you report?
- 21 A. I report to John McDill.
- 22 Q. Okay. And how many reports do you have to you?
- 23 A. I have three direct reports.
- 24 Q. And what are their job titles.
- 25 A. One is a manager of compliance and security; I have an

- 1 engineer that reports to me and I have a compliance analyst that
- 2 reports to me.
- 3 Q. And the engineer, what is that person s basic function?
- 4 A. He provides engineering services to the enterprise, standard
- 5 drawings, procedures, technical information that gets pushed out
- 6 to our divisions.
- 7 Q. Okay. Good. Okay, can you give us, in a nutshell, the day
- 8 in a life of Phil Murdock at your job, at your desk? Just go
- 9 through what a typical day might be, your responsibilities.
- 10 A. A typical day.
- 11 Q. Let s say before the accident.
- 12 A. Yeah, no, absolutely. I m responsible for providing
- 13 procedures programs to the enterprise for use by our divisions.
- 14 Those are programs related to compliance activity, for example,
- 15 | O&M manuals, OQ, public awareness, basically, all of our
- 16 compliance manuals that are required by Part 192.
- We maintain versions of those; we revise them as necessary
- 18 based on stakeholder and regulatory input, we maintain them on our
- 19 internet site and also do standard drawings for our engineering
- 20 folks to use, as well as a number of other things around reporting
- 21 things of that nature. So we re an enterprise function that
- 22 provides services to our divisions.
- 23 Q. Okay, and when you say that you have three direct reports.
- 24 If you go down that org chart further down, how many people are in
- 25 | this entire group?

- 1 A. There would be, including myself, there would be seven.
- 2 Q. Seven people, okay. And do those seven have their own
- 3 reports to them as well?
- 4 A. No, they do not. I just have one person that has three
- 5 reports.
- 6 Q. Okay, okay, great. And what is your relationship to, you
- 7 know, the structure of the DIMP program, the enforcement of the
- 8 DIMP program? What part of that do you have?
- 9 A. Well, I have a long history with DIMP over the years, all the
- 10 way back to the early 2000s. I participated in the FIMS DIMP
- 11 Phase I investigation. I was part of the data group, there were
- 12 four groups, and I was part of the data group.

PHMSA

- 13 And that effort was to assist FIMS and structuring DIMP
- 14 regulations. I ve certainly been involved in numerous DIMP
- 15 activities at both the Southern Gas Association as well as the
- 16 American Gas Association over the years, given presentations for
- 17 both associations. I also participated quite heavily in
- 18 developing the Atmos framework that was used to develop the Atmos
- 19 DIMP plant that became effective in August of 2011.
- 20 Q. I mean, if you know, if you could tell us, you said from
- 21 2011. From 2011 forward has the DIMP program changed that much?
- 22 | Has there been any drastic changes to it?
- 23 A. There have been no drastic changes, however, we, you know,
- 24 DIMP is a continuous improvement process, and you always get to
- 25 the end and go back to the beginning and start. So we ve

- plans
 certainly made some changes to our plants and programs since 2011.
- 2 Q. Are you privy to those, are you like they consult you and
- 3 say, "Hey, Phil, what do you think about this, we re going to be
- 4 doing this in DIMP?" Do you get involved with that?
- 5 A. I do on an enterprise plan level, yes, but I don t get
- 6 involved in actual implementation of DIMP in the divisions.
- 7 Q. I see, so the overall umbrella version of DIMP, if they re
- 8 going change something they d come and talk to you.
- 9 A. Yes, they do, or if there is any regulatory things that
- 10 change relative to DIMP, we will make those changes in the DIMP
- 11 plans.
- 12 Q. Do you recall the last time that one of these umbrella
- 13 meetings were held and what was discussed and what you changed?
- 14 A. Well, we actually don t have meetings at this point, we do a
- 15 | lot of webinars, a lot of stakeholder discussions, we have phone
- 16 calls, and I believe the last one we held was in 2016.
- 17 Q. So these are like a large group of people online discussing -
- 18 -
- 19 A. Either online or we put out a request that if you have
- 20 anything you feel needs to be changed in the DIMP program let us
- 21 know and we get back. We have a group of compliance managers who
- 22 | are stakeholders, and we will certainly run DIMP plan changes by
- 23 our compliance managers stakeholder group.
- 24 Q. Okay, and that s being done to this day? The stakeholder
- 25 group sessions are happening?

- 1 A. As needed.
- 2 Q. As needed.
- 3 A. It s not something that happens on a routine basis --
- 4 Q. Right.
- 5 A. -- wherein we discuss DIMP.
- 6 Q. Since the accident have there been any stakeholder sessions
- 7 that you we had to discuss good, bad, and different about DIMP?
- 8 A. No.
- 9 Q. Okay. So with your experience back to 2000, the DIMP Phase
- 10 I, would you agree that you we been kind of like a pioneering
- 11 | company in the country that perfected this technology?
- 12 A. Well, I wouldn t say a pioneering company, I would certainly
- 13 say that we have stayed in the know and abreast of what was
- 14 happening in DIMP from the early 2000s.
- 15 Q. Forward, okay. Okay. That s all I have right now.
- MR. McLAREN: Well, thank you, Roger. Phillip why don t I
- 17 | outline some questions.
- 18 MR. EVANS: Excuse me, you ve got to introduce yourself.
- 19 MR. McLAREN: I m Chris McLaren with PHMSA.
- 20 BY MR. McLAREN:
- 21 Q. Asked by Roger I m going to outline some questions around
- 22 your skill set, certainly learned some things about the shared
- 23 services. So the DIMP plan goes out across all divisions, and I
- 24 heard you say, and so that would be, I think Atmos is in seven
- 25 states?

- 1 A. Eight states.
- 2 Q. Eight states, so is the same DIMP plan used in each division?
- 3 A. No it s not.
- 4 Q. And how do they change it, are they changing the annexes or
- 5 are they changing some of the programs, for instance, some of the
- 6 things listed were Cross Bore Program and your other Plastic Pipe
- 7 Joining Program. Are these programs that would be sent out across
- 8 the division?
- 9 A. The three DIMP programs that we use across Atmos have a lot
- 10 of the same elements, the primary difference in them is the risk
- 11 | ranking methodology.
- 12 Q. Based on the weighting to meet statistical environmental
- 13 considerations?
- 14 A. The actual tool that s used for risk ranking.
- 15 Q. Okay, could you describe briefly at a high level the
- 16 different tools and specifically what was used at Mid-Tex?
- 17 A. Five of our divisions use an in-house developed tool. One
- 18 state uses a state-specific tool, Mid-Tex uses a tool that s
- 19 called, a software package that s called Optimain.
- 20 Q. Thank you. When TXU was purchased by Atmos in 2004 were you
- 21 | with TXU?
- 22 A. Yes, I was.
- 23 Q. And so you we been pretty much in the Mid-Tex area your whole
- 24 career?
- 25 A. Yes, I have.

- 1 Q. And we have this diagram provided by Atmos that shows the
- 2 Mid-Tex area. It s northeast Texas. Okay? How many, when TXU
- 3 acquired that what were the different operating entities in this
- 4 | area prior to 2004 and even talking, getting now towards the
- 5 | construction, I mean this main where the accident occurred was
- 6 constructed in the 1940s?
- 7 A. I don t know.
- 8 Q. What were the operators of the Dallas area, what was kind of
- 9 the lineage or history of that?
- 10 A. That would have been Lone Star Gas Company, transitioned to
- 11 TXU gas in 1997, and came to Atmos in 2004.
- 12 Q. Okay. As Shared Services, the use of shared services at more
- of a higher level compliance program standpoint, you then capture
- 14 the compliance programs to be able to provide the divisions with a
- 15 | plan from which they can modify it to meet their needs. Is that
- 16 | an accurate statement?
- plan
 17 A. For them to execute on the plant.
- 18 Q. Okay, are there any other shared services within engineering
- 19 or management tools like GIS, communications, I m sure you have,
- 20 or it seems like you discussed enterprise, is there an enterprise
- 21 software package? What are some of the shared services tools that
- 22 | you share amongst your divisions?
- 23 A. Of course, we share the plans and programs that I discussed
- 24 previously. We have an Asset Integrity Group that does a GIS. We
- 25 have a number of shared services around supply chain management

- 1 and then a lot of the traditional shared services, finance,
- 2 accounting, treasury, things of that nature.
- 3 Q. What about other programs that are not regulatorily required?
- 4 | Safety management systems, I saw some other, you know, is there a
- 5 | formal? Let s talk about safety management systems first. Have
- 6 y all looked at any of the features of that program?
- 7 A. Yes, we have. We ve looked at 1173 Pipeline Safety
- 8 | Management. We feel that we have a number of the aspects of
- 9 Pipeline Safety Management that are spread throughout all of our
- 10 programs. Our culture supports the principles of Pipeline Safety
- 11 Management. We really don t have a "formal program" that you can
- 12 | roll out in writing but we ve certainly look at the program or are
- 13 aware of the program, and we feel that we have a lot of the
- 14 tenets, the philosophy, the culture, the programs, the sharing, et
- 15 | cetera that goes into Pipeline Safety Management Systems.
- 16 Q. So you mentioned the culture. You know, the part about
- 17 | safety culture, doing the right thing no matter who s looking or,
- 18 you know, doing this action that you think needs to be done based
- 19 on other competing demands. However, you want to describe it.
- 20 How is that supported? Is that something that shared services
- 21 gets in in terms of communicating and providing training to the
- 22 | field and other parts of the organization? I believe this is what
- 23 | we are doing and why?
- 24 A. Absolutely, and I ll give you a great example of that. Any
- 25 | new employee at Atmos, regardless of where across our eight states

- 1 they come onboard, they come into our Plano Training Center for a
- 2 | three-day course called Atmos Essentials. And that course goes
- 3 | into a number of things including introduction to our culture,
- 4 introduction obviously to our HR benefits, there s guite a bit of
- 5 | time discussed about that we re a safety oriented company so, yes,
- 6 | we go to great lengths to train our employees in our culture and
- 7 safety. What it means to live Atmos culture on a daily basis,
- 8 teamwork, coaching, feedback, et cetera. So we do train our
- 9 employees on our culture and various safety activities.
- 10 Q. And how does the treatment of contractors fit into that? The
- 11 onboarding of contractor, contractor staff, et cetera?
- 12 A. I am not involved in contractor onboarding.
- 13 Q. Okay. At the shared service levels, what performance metrics
- 14 are looked at for systems integrity, safety, DIMP, other types of,
- 15 | could you give me other types of trends that you feel are
- 16 | important to look at?
- 17 A. Well, from a safety perspective we look at accident rates,
- 18 | vehicle accidents, I know that we do some dashboards, I m not
- 19 directly involved in safety but we do do dashboards and statistics
- 20 around safety. We do prepare annual recaps of our DOT reports in
- 21 terms leaks, leaks by cause, leaks by materials. We recap our
- 22 | 7100s every year and consolidate those, so we get a companywide
- 23 look at the various statistics around 7100 reporting.
- 24 Q. Is shared services the entity, would Mr. McDill be signing
- 25 the annual report? I forgot to look at who signed it.

- 1 A. The 7100s?
- 2 Q. Yes.
- 3 A. No, those are signed by our individual division compliance
- 4 managers.
- 5 Q. Okay.
- 6 MR. McDILL: Yeah, because they re on by state basis or by
- 7 region basis. (Indiscernible.)
- 8 BY MR. McLAREN:
- 9 Q. So what entity would you recommend we discuss trending and
- 10 performance metrics with? If it s not Shared Services is that --
- 11 A. I would suggest that you discuss that with the divisions.
- 12 O. At the divisions?
- 13 A. Yes.
- 14 Q. Do you have an opinion on what you would say are the three
- 15 most significant threats to the Mid-Tex system, specifically
- 16 looking at the Dallas area where the incident occurred?
- 17 A. I had been away from Mid-Tex for two years, so I don t have
- 18 an opinion on that.
- 19 Q. Okay. Do you have any experience with the bentonite soils in
- 20 | the area and the threats that they pose?
- 21 A. No, I do not.
- 22 Q. Does Shared Services do a lot with, for instance, Texas has
- 23 the replacement program and there s other DIMP risk mitigation
- 24 measure that the Mid-Tex region might take. Do you get involved
- 25 | with any of those Mid-Tex division levels or is that again it s

- 1 two years ago?
- 2 A. That s done in the Mid-Tex division, I don t get involved in
- 3 that.
- 4 Q. Okay. Does Shared Services conduct mid-division audits of
- 5 the other divisions to do like scorecards or to try to take
- 6 lessons learned and best practices across all divisions?
- 7 A. Scorecards, no.
- 8 Q. Okay.
- 9 MR. EVANS: Does anybody else have any other questions for
- 10 now? The regroup. Questions?
- MR. COLLINS: No, sir. No questions.
- 12 MR. EVANS: Yes, sir.
- MR. McDILL: John McDill with Atmos Energy.
- 14 BY MR. McDILL:
- 15 Q. Phillip, you were asked about some of the other involvement
- 16 but from a compliance-like programs or activities around that,
- 17 | maybe share, if you could some of the involvement you have with
- 18 either OQ or some of the other programs that you help support the
- 19 divisions with.
- 20 A. Sure, as with other compliance programs for the enterprise we
- 21 also maintain our Operator Qualification Program which is a
- 22 written document. We also maintain our operator qualification
- 23 records in a system called Industrial Training Service ITS
- Onboard. And we house all of our employee OQs in that system,
- 25 | that system is a system that not only houses OQ it provides us a

status of individual employee OQs. It alerts employees and their supervisors 90 days, 60 days, and 30 days prior to the expiration of an OQ that an OQ is expiring.

2.0

There are supervisor and management dashboards where a supervisor can roll up their entire organization and look at it for the employees that work for them. Another interesting thing we do is each employee has a QR code on their OQ badge, and you can scan that QR code with your cell phone, and that employee's OQ records will immediately come up on your cell phone. So if you have a cell phone and a QR reader, you can access employee OQ information.

Q. Okay, thank you. Other activities that you may be involved with supporting, you mentioned earlier about your work as DIMP was formalizing to become a rule. Do you still find yourself involved in other rulemaking coming from proposal making through the DOT?

A. Oh, absolutely. I m a member of the American Gas Association Operational Safety Regulatory Action Committee and one of the primary goals of that committee is to monitor proposed federal regulations, to be involved as an industry stakeholder, to comment on those regulations. I was quite heavily involved, for example, in preparing comments on the Gas Distribution Rule not only from an American Gas Association standpoint but Atmos. I prepared Atmos comments on those rules so I m quite involved in the regulatory arena around pipeline safety on an ongoing basis.

You mentioned earlier around safety management systems RP

- 1 1173, have you been involved in some of the ongoing industry
- 2 discussion groups around that recommended practice?
- 3 A. Yes, I have with the American Gas Association as well as
- 4 other industry associations have a consortium, API is a member as
- 5 | well, and they have regular correspondence, webinars that we
- 6 attend, training programs as various AGA conferences, et cetera.
- 7 So yes, I m aware of RP 1173 and what s happening in the industry.
- 8 Q. Okay. I think it s been mentioned, but just for
- 9 clarification around the way organizationally Atmos Energy is
- 10 structured with shared service or at the division level. You
- 11 know, give them kind of a high-level structure, could you provide,
- 12 you know, an overview of kind of how that s structured
- 13 organizationally?
- 14 A. The Shared Services?
- 15 Q. How that filters, how that works with the divisions. So
- 16 maybe how a division is structured at a high level.
- 17 A. Absolutely. We have six distribution divisions in Atmos
- 18 | Energy; each division more or less operates with its own set of
- 19 leadership, it has a president, various vice presidents,
- 20 operations, technical services. They also have, for example, a
- 21 | compliance manager and each one of the divisions operates within
- 22 one or more states, and they are responsible for the operation and
- 23 maintenance of the systems within their division as well as
- 24 | interfacing with the various state agencies from a pipeline safety
- 25 perspective.

- 1 Q. Okay. And then we have engineering resources or other
- 2 resources to help support their execution?
- 3 A. Yes. Shared Services is a small staff compared to what some
- 4 | of the divisions have to carry out their day-to-day functions
- 5 around engineering and operations.
- 6 Q. Okay. You mentioned, just for clarification, that the
- 7 distribution GIS tool that s an enterprise tool?
- 8 A. Yes, that s an enterprise tool that s used by all the
- 9 divisions.
- 10 Q. Okay. And as part of the support role from Shared Services
- 11 do you find yourself or some of your team members involved in
- 12 supporting state audits or pipeline safety activities?
- 13 A. Absolutely, we just, for example, we were just in Tennessee
- 14 and supported an audit of the Public Awareness Program as well as
- 15 | the Operator Qualification Program. So, yes, we participate in
- 16 those state audits.
- 17 Q. Okay. I don t have any other questions for the time being.
- 18 Thank you.
- 19 BY MR. EVANS:
- 20 Q. Okay. This is Roger Evans, let s go back to a couple of
- 21 things here. One of the things I m curious about is since you re
- 22 | in the compliance arena the assurance that data from the field
- 23 makes it way to the office so that risk, for the risk assessment,
- 24 can be accurately done. How do you ensure that every time a leak
- 25 occurs, like a grade 1 leak, a grade 2 leak, you know, you want

- 1 | that as a statistic? Right? In your system. How do you ensure
- 2 | that that data gets back to the home office and that it makes its
- 3 | way into the evaluation mode?
- 4 A. That data is collected by each one of the divisions. I don
- 5 | have any responsibility for that data getting into any system.
- 6 Q. So your responsibility for that data, though, is none but I
- 7 mean, you evaluate the data. Correct?
- 8 A. No, I do not.
- 9 0. You don t evaluate it at all?
- 10 A. No, I do not.
- 11 Q. Okay. How about non-conformance of employees out in the
- 12 field? Is that anything that you have to deal with?
- 13 A. No. That s done by our operating divisions.
- 14 Q. Okay. How about the auditing of the, what areas do you audit
- 15 | in your job?
- 16 A. I don t do any auditing.
- 17 Q. None whatsoever? Okay.
- 18 A. No.
- 19 MR. EVANS: Oh, the Atmos Essentials, this is to John McDill.
- 20 | Can I get a doc request in for the Atmos Essentials? Just an
- 21 | outline of what s covered?
- MR. McDILL: Of what s covered?
- MR. EVANS: Yeah, of what s covered.
- 24 BY MR. EVANS:
- 25 Q. Do you deal at all with the leaks themselves? I mean, that s

- 1 | out of your bailiwick?
- 2 A. I don t deal with leaks at all.
- 3 Q. Okay. Okay, that sall for now.
- 4 MR. McLAREN: I just thought of a follow-up question about
- 5 | five minutes ago, but I got engrossed listening to you, so I
- 6 apologize for the pause. I m stalling now to try to remember what
- 7 | I was going to ask. Must not have been that important. Oh, I
- 8 know what it was.
- 9 BY MR. McLAREN:
- 10 Q. What is the name of the GIS vendor that you utilize?
- 11 A. It s GE GDO, Gas Distribution Office, it s kind of
- SmallWorld vernacularly known as Small World.
- Opvantek

 Q. Okay, and does the Avanti Optimain fit right in to grabbing
- SmallWorld data from Small World?
- 15 A. Yes, it does.
- 16 O. And does that include information on services?
- SmallWorld

 17 A. I don t know all of the data it grabs out of Small World.
- 18 Q. Thank you.
- 19 MR. EVANS: Anything else? More questions?
- 20 MR. MCDILL: Just quick, one question.
- 21 MR. EVANS: Introduce yourself.
- 22 BY MR. McDILL:
- 23 Q. I m sorry, yes. John McDill, Atmos Energy, just we talked
- 24 about, you know, various systems mentioned around Optimain and the
- 25 GIS system. But what is the system of record that Mid-Tex uses

- 1 for compliance, do you know?
- 2 A. Yeah, it s a system known as CN+.
- 3 Q. Okay. So any of the leak data or information around the
- 4 assets that is our system of record for those type of leak
- 5 | records, things like that for Mid-Tex division?
- 6 A. Yes, it is.
- 7 Q. Okay. Thank you.
- 8 BY MR. EVANS:
- 9 Q. This is Roger Evans again. The leak data, you do get the
- 10 leak data, it does come to you through your system? Do you
- 11 | analyze the leak data at all?
- 12 A. No, I do not.
- 13 Q. You don t touch that at all.
- 14 A. I don t do anything with leak data.
- 15 Q. Okay. How about pipe replacement, is that --
- 16 A. No.
- 17 Q. Okay. You set?
- 18 MR. McLAREN: Chris McLaren, yes, no follow-up. Thank you,
- 19 Roger.
- MR. EVANS: Okay. Anyone else with follow-up? Okay, that
- 21 ends the interview. Thank you so much. We appreciate it.
- MR. MURDOCK: Okay, thank you.
- MR. McLAREN: Thank you for coming.
- MR. MURDOCK: Thank you, Chris.
- 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-FUELED EXPLOSION OF

RESIDENCE, DALLAS, TEXAS

FEBRUARY 23, 2018

Interview of Phillip Murdock

ACCIDENT NO.: PLD18FR002

PLACE: Marriott Courtyard Hotel

Plano, Texas

DATE: April 24, 2018

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.

Nancy Sackett Transcriber