

**NTSB Investigation of Merrimack Valley, MA, Fires & Explosions**  
**NTSB Investigation PLD18MR003**

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Name	Kulig, Martin
Company & Department	Columbia Gas, Engineering
Title	Leader, Field Engineering
Date of Interview	September 16, 2018

I have reviewed the transcript of my NTSB interview from the referenced investigation. I have answered questions to the best of my ability, but without the opportunity to review documents to refresh my recollection. Some of what I remember may be based on what others told me. My requested corrections and clarifications are as noted below.

Page	Line	Current	Request	Reason
8	13	oversee operations	oversee engineering operations	Clarification
12	8	will actually walk	will typically walk	Clarification
12	10-11	has a thorough understanding of what	has an understanding of what	Clarification
12	12-13	It's very common at that point that concerns are addressed	At that point, concerns may be addressed	Clarification
13	1-3	They are the people who are responsible for making sure all the pipe has been accounted for, both installed and abandoned.	They are the people who document the pipe footage and pipe material type that the company installs and abandons on an annual basis.	Clarification
13	4-10	The actually do another review. They oversee, they oversee the pressure test to make sure it was sufficient, that there weren't any anomalies in the pressure test. If there were, occasionally we will actually send that back to the field and have pipe retested. It's very uncommon, but we do occasionally do that. And capital closeout will actually – they are the final stop. They're the final quality control measure.	They also review pressure test documentation. If they detect anomalies in that documentation, they notify construction and/or engineering and the pipe will be retested if needed. Capital closeout verifies that the project documentation is complete before they close out the project and it becomes part of our distribution system.	Clarification
13	16	used, everything is in there.	Used, is in there.	Clarification
14	3 – 5	click on all the pertinent information as far as the	Click on the pertinent information as far as the	Clarification

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		location and the facilities and all the, all the equipment that was used in the field.	location and the facilities and the equipment that was used in the field.	
15	2	these jobs	the larger jobs	Clarification
15	3	They're spot visits. They go for field and visiting.	They're spot visits.	Clarification
15	11	we may talk to	we will talk to	Clarification
16	6	And I'm concerned	[remove]	Clarification
17	24	So I am, I am a subject matter expert on the	So I am, I am what our company calls a "subject matter expert" on the	Clarification
18	17	DIM	DIMP	Transcription Error
20	5 – 8	We deal – we talk to operations. We can document those meetings. We meet with operations people just to almost vet out, does this make sense, does this make sense and what are we missing?	We deal – we talk to operations on a regular basis about ongoing projects and risk assessments. We meet with operations people to vet out, does this make sense and what are we missing?	Clarification
28	20-21	It is not specifically spelled out, no. It is not specifically spelled out.	It's not formally part of that process.	Clarification
29	8	Many of them, yes.	Some of them, yes.	Clarification
22 23	22 – 25 1 & 2	And the constructability review is done by construction leadership in Lawrence on a project such as this. I don't have the person's name on there, but I would highly suspect it was the supervisor in charge of construction, who has at least 10 years'	And the constructability review is done by the construction front line leader or construction inspector in Lawrence on a project such as this.	Clarification

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		experience. I'm guessing on the experience, but – I probably shouldn't do that, but has significant experience.		
35	23	Which almost exclusively are more stringent	which often are more stringent	Clarification
37	21	Yes, we have.	Yes, if the documentation itself raises a question that we need answered in order to design and/or execute the project, then, yes, we try to get that information before proceeding.	Clarification
39	6	a little bit cast iron	a little bit about cast iron	Transcription Error
40	8-10	This project didn't specifically say to tie in to a line. It was already tied into that line. So the line that was abandoned – and I'm going to give an approximate footage	The work being performed in 2018 didn't specifically say to tie in the new pipe into the outlet pipe. It was already tied into the outlet. So the work on September 13, 2018 that abandoned the old main line – and I'm going to give an approximate footage	Clarification