

Docket No. SA-534

Exhibit No. 2-BP

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

INTERVIEW OF JOHN HANNIGAN
(JAN-3-2011)

(42 Pages)

UNITED STATES OF AMERICA

NATIONAL TRANSPORTATION SAFETY BOARD

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Investigation of: *

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PACIFIC GAS & ELECTRIC COMPANY *

SEPTEMBER 9, 2010 ACCIDENT *

Docket No. DCA-10-MP-008

SAN BRUNO, CALIFORNIA *

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Interview of: JOHN HANNIGAN

Marriott Hotel
San Francisco Airport
1800 Bayshore Highway
Burlingame, California 94010

Monday,
January 3, 2011

The above-captioned matter convened, pursuant to
notice.

BEFORE: RAVINDRA CHHATRE
Investigator-in-Charge

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I N T E R V I E W

1
2 MR. CHHATRE: Good morning, everyone. Today is Monday,
3 January 3rd, 2011. We are currently in Burlingame, California in
4 the San Francisco Airport Marriott. We are meeting in regards to
5 the investigation of the pipeline rupture in San Bruno, California
6 that occurred on September 9th, 2010. The NTSB accident number
7 for this investigation is DCA-10-MP-008.

8 My name is Ravi Chhatre. I'm with the National
9 Transportation Safety Board in Washington, D.C. and I'm the
10 investigator-in-charge of this accident.

11 I'd like to start by notifying everyone present in this
12 room that we are recording this interview for transcription at a
13 later date. All parties will have a chance to review the
14 transcripts when they are completed.

15 Also, I'd like to inform Mr. John Hannigan that you are
16 permitted to have one other person present with you during the
17 interview. This is a person of your choice. It can be a
18 supervisor, a friend, family member or, if you choose, nobody at
19 all.

20 Please state for the record your full name, the spelling
21 of your name, contact information such as phone number, email
22 address and postal mailing address, and whom you have chosen to be
23 present with you during this interview.

24 MR. HANNIGAN: I've chosen this individual, John Harris.

25 MR. HARRIS: Just for the record, my name is John

1 Harris. I'm with the law firm of Meyers, Nave. We're the counsel
2 for the City of San Bruno. I will be attending along with the
3 witness.

4 MR. CHHATRE: Ravi Chhatre again. Could you please
5 spell all the names for the transcriber?

6 MR. HANNIGAN: Sure. John Hannigan, John Michael
7 Hannigan, III actually. Telephone number is 650- .

8 MR. CHHATRE: And your counsel's name -- spelling of the
9 name?

10 MR. HANNIGAN: Sure.

11 MR. HARRIS: My name is John Harris and my address is
12 333 South Grand Avenue, Suite 1670, Los Angeles, California
13 90071, and the last name is spelled H-A-R-R-I-S.

14 MR. CHHATRE: Do you have an email?

15 MR. HARRIS: Yes, jharris@meyersnave.com

16 MR. CHHATRE: And have you given the phone number?

17 MR. HARRIS: 213-626-2906.

18 MR. CHHATRE: Now I'd like to go around the room and
19 have each person introduce themselves. Please state your name,
20 spelling, your title and organization that you represent, your
21 business email, phone number, and we'll start in the far right.

22 MR. CALDWELL: Geoff Caldwell, G-E-O-F-F, C-A-L-D-W-E-L-
23 L, City of San Bruno Police Department. My email address is
24 gcaldwell@sanbruno.ca.gov, and my phone number is 650-616-7100.

25 MR. DAUBIN: Brian Daubin, Pacific Gas and Electric

1 Company. Email is bmd5@pge.com. Last name is spelled D as in
2 David, A-U-B as in boy, I-N.

3 MR. FASSETT: Bob Fassett, PG&E. It's Robert, R-O-B-E-
4 R-T, Fassett, F-A-S-S-E-T-T. Email is rpf2@pge.com.

5 MS. FABRY: Klara Fabry, F-A-B-R-Y, Public Services
6 Director, San Bruno, 650-616-7065.

7 MR. SHORI: Sunil Shori, California Public Utilities
8 Commission, Utilities Engineer, 650-7389 -- excuse me, 415-703-
9 2407. Email is SKS@cpuc.ca.gov.

10 MR. KATCHMAR: My name is Peter Katchmar, P-E-T-E-R.
11 Last name Katchmar, K-A-T-C-H-M-A-R. I would for the U.S. DOT,
12 Department of Transportation, Pipeline and Hazardous Materials
13 Safety Administration, PHMSA. My email address is
14 peter.katchmar@dot.gov, and my phone number is 303-807-8458.

15 MR. GUNTHER: Karl Gunther, NTSB, K-A-R-L, G-U-N-T-H-E-
16 R. Email, karl.gunther@ntsb.gov. Phone, 202-368-1100.

17 MS. MAZZANTI: Debbie Mazzanti, M-A-Z-Z-A-N-T-
18 I, with the International Brotherhood of Electrical Workers, Local
19 1245. My email address is djmg@ibew1245.com, and my phone number
20 is 415-517-0317.

21 MR. SPERRY: Joshua Sperry, J-O-S-H-U-A, S-P-E-R-R-Y,
22 Senior Union Representative. I work for the Engineers and
23 Scientists of California, Local 20, IFPTE. My email is
24 jsperry@ifpte20.org. Phone number, 415-543-8320.

25 MR. NICHOLSON: Matthew Nicholson, NTSB engineer and

1 investigation group chair. My contact information is
2 matthew.nicholson@ntsb.gov. Spelling is M-A-T-T-H-E-W, N-I-C-H-O-
3 L-S-O-N.

4 MR. CHHATRE: Ravi Chhatre. I'm with the National
5 Transportation Safety Board. I'm the investigator-in-charge of
6 this accident. The spelling is R-A-V-I-N-D-R-A. Last name
7 Chhatre, C-H-H-A-T-R-E. Email is ravindra.chhatre@ntsb.gov.
8 Phone number, 202-314-6644.

9 MR. NARVELL: Rick Narvell, R-I-C-K, N like in Nancy, A-
10 R-V like in Victor, E-L-L, Human Performance Investigator with the
11 NTSB out of Washington, D.C. Phone number is area code 202-314-
12 6422. Email is narvell@NTSB.gov.

13 MR. CHHATRE: Okay. There are a few rules to follow.
14 If anybody wants to interrupt somebody who's already talking,
15 please identify yourself with your name. Any time you ask a
16 question identify yourself. That will help the transcriber
17 prepare the adequate transcripts of this interview. And let me
18 begin with Karl Gunther, and after him we'll go around the table.

19 MR. GUNTHER: Yeah, Karl Gunther, NTSB.

20 INTERVIEW OF JOHN HANNIGAN

21 BY MR. GUNTHER:

22 Q. I'd like to ask you what is your job title and who do
23 you work for?

24 A. I'm an inspector/technician for the City of San Bruno.

25 Q. Okay. What I'd like to ask you to do is go back to the

1 2008 Sewer Improvement Project. Just start from the beginning,
2 everything that you did, what you observed and, you know, the
3 actions that you took. Just go ahead and describe it.

4 A. Well, my basic daily routine would be at some point in
5 the a.m. stop by the job, make sure traffic signage, cones, things
6 of that nature, seems to be set up properly. You know, where
7 they're at in the street, you know, what the plan is for the day,
8 just kind of check in and, you know, go about my other duties. At
9 some point, you know, throughout the day -- depending on my
10 schedule for that day I might spend a lot of time there or might
11 not spend much. It just kind of depends on what other activities
12 I have going on that day.

13 Q. All right. And for the particular project we're talking
14 about, what did you do on those days?

15 A. I can't recall specifically.

16 Q. Do you remember being on the project?

17 A. I do.

18 Q. Do you remember anything unusual?

19 A. Nothing unusual.

20 Q. Did you speak with the foreman on the job or -- you
21 know, the contract foreman? Do you remember any of that?

22 A. I had a few interactions, The project manager was
23 pretty hands on and they basically dealt directly with each other
24 a lot of the time.

25 Q. Did you have any dealings with the PG&E inspector on the

1 site?

2 A. None that I recall.

3 Q. All right. I'll go ahead and pass it on.

4 MR. CALDWELL: Jeff Caldwell, City of San Bruno, no
5 questions at this time.

6 MR. DAUBIN: Brian Daubin from PG&E, no questions at
7 this time.

8 MR. FASSETT: Bob Fassett, PG&E.

9 BY MR. FASSETT:

10 Q. So you're a full-time City employee as an inspector?

11 A. I'm an inspector/technician, so I have a lot of
12 different duties. Currently right now I'm a dedicated inspector
13 for a project where I spend my whole day out there, but that's
14 pretty rare. Normally I kind of -- like I described, I sort of
15 check in with the project, try to head off any problems ahead of
16 time, you know, little things like that, deal with residents, that
17 kind of thing.

18 Q. Can you give an estimate of how much time you'd have
19 spent on the Earl Avenue job?

20 A. I just don't recall.

21 Q. Were any photographs taken of the pipe bursting
22 operation?

23 A. There were photographs taken.

24 Q. Those were taken by you?

25 A. Correct.

1 Q. Any unusual occurrences observed by you?

2 A. Nothing unusual.

3 Q. But you took photos, so can you give a sense of what
4 those photos were of?

5 A. Yeah. Well, if there was a safety concern I'd
6 photograph it, you know, talk to the contractor if need be. I
7 don't remember having to do that. But most of the shots were just
8 progress shots, where they're at, you know, on the roadway, you
9 know, and they were -- you know, they'd be time stamped so I'd
10 know okay, on that day they installed a manhole, more or less for
11 billing purposes. At the end of the month we'd want to know how
12 much pipe was installed or how many manholes, that type of thing.

13 MR. FASSETT: Okay. We'll be requesting documentation
14 when we get that chance.

15 BY MR. FASSETT:

16 Q. Were as-builts, drawings of the replacement sanitary
17 line and/or adjacent utilities, prepared by you?

18 A. No.

19 Q. Did you see any as-builts of the project or have to sign
20 off on any as-builts of the project?

21 A. No.

22 Q. That's all I have. Thank you.

23 A. Sure.

24 MS. FABRY: Klara Fabry, San Bruno.

25 BY MS. FABRY:

1 Q. John, do you recall on only just the section of the
2 project on Earl to Glenview, on that section of the project how
3 many pictures you took, just if you recall?

4 A. I don't recall.

5 Q. You don't. Thank you. No more questions.

6 MR. SHORI: Sunil Shori, California PUC.

7 BY MR. SHORI:

8 Q. You said the project manager was pretty much hands on.
9 Which project manager are you referring to for that project?

10 A. Wayne Fong.

11 Q. And as the scope of your inspecting as an
12 inspector/technician what involvement do you have in terms of the
13 Underground Service Alert Notice?

14 A. Well, I would make sure that it was painted on the
15 sidewalk prior to any dig and that they were contacted. So I do
16 recall specifically that line being marked by -- I believe it was
17 a PG&E representative.

18 Q. On any of your visits to the site do you recall seeing a
19 PG&E representative or having any discussions with a PG&E
20 representative?

21 A. I remember seeing an individual in a PG&E truck, but I
22 didn't make contact with him.

23 Q. And I know -- I would like to -- we will at some point
24 see the photographs, but what kind of excavations did you see on
25 your visits to the location?

1 A. Well, typically it would be a potholing operating which
2 would be, you know, either a little bit of bucket, but mostly hand
3 digging type things or an actual excavation for the equipment to
4 go in for the pipe bursting. They put a big, you know, spool down
5 in there, a hoist and a wench and all that.

6 Q. And how many types of pipe bursting projects had you
7 been involved with by the time of the Earl project?

8 A. That was my first exposure to pipe bursting.

9 Q. Did you have -- and so did you have any discussions with
10 the contractor in regard to the scope of the work they were doing
11 or how the equipment works or any -- or procedures they were
12 utilizing, any discussions with the contractor?

13 A. No, I did not.

14 Q. Were you there at any portion of the phase when they
15 pulled the line through?

16 A. Yes.

17 Q. What portion were you there for?

18 A. Well, I can't remember exactly, but I was there
19 observing, you know, the pipe bursting itself. I just can't
20 recall specifically what part of the street I was on or what area
21 I was at. It's just they call kind of blend together.

22 Q. Do you have any notes -- you said you have photographs
23 of your -- of the progress. Do you keep any other --

24 A. I had notes that I would jot down, basic information,
25 how many people on the crew were out there working, the

1 approximate limits of the work or what they were doing that day.
2 You know, for example, from this station to this station they were
3 installing pipe. Phone numbers of residents. Typically with a
4 big project like this people get upset that they can't park in
5 front of their house, these types of things, so just, you know,
6 basic every day type notes.

7 Q. Okay. And earlier you said you had -- as far as the
8 Underground Service Alert Notice process in terms of your
9 involvement with it, what would you be looking for in terms of
10 that process? What would you be confronting or what would you be
11 --

12 A. I'm just making sure that they contact USA. I mean
13 that's the first step that they have to take care before they even
14 think about breaking ground, so --

15 Q. And how do they convey that to you or how do you confirm
16 that?

17 A. Well, I was out on the job and I remember seeing the USA
18 markings, and we get a email alert from USA whenever someone's
19 doing something in the City.

20 Q. Do you keep -- as far as when you say you get an alert,
21 is that a copy of the ticket that you folks get?

22 A. We just get -- it comes through our email system, so USA
23 emails the City and there's a handful of people that receive those
24 emails.

25 Q. As far as any further contact that takes place in regard

1 to that ticket once it's been pulled, is that in the purview of
2 your scope of your work in terms of making those kinds of
3 contacts? So, in other words, if there's any further contacts
4 necessitated with PG&E or the subsurface facility owner is that
5 something you get involved in?

6 A. Could you -- I don't understand the question.

7 Q. Let me clarify the question. I'm sorry. So once the
8 ticket has been pulled, you've confirmed the ticket's been pulled,
9 if there is any further contact related to that ticket, is that
10 basically between the excavator and the parties or what's your
11 involvement beyond that point?

12 A. I have no involvement after that.

13 Q. And as far as the closeout on the process, what is it
14 that you're looking for in terms of when a project is closed out
15 or as far as your approval process is concerned?

16 MR. HARRIS: Do you understand the question?

17 MR. HANNIGAN: Yeah, I'm not really following the
18 question there. Could you --

19 BY MR. SHORI:

20 Q. Basically you're going through the project at various
21 steps. You're documenting, you're taking the photographs, you're
22 basically seeing the progress on it. What say or what approval do
23 you have in terms of the project being closed out when it's
24 completed?

25 A. That is the engineer's duties, so -- I mean if I saw

1 something during the course of the project I'd bring it to his
2 attention. If there was a major issue I'd bring it to his
3 attention if he didn't already know about it, so more or less
4 assisting him, so -- but he would have the final say on, you know
5 the project itself.

6 Q. But do you also in terms of the final paving, final
7 grading, final anything that takes place at the close of that, is
8 that something you would --

9 A. If I witnessed something that I didn't like, that I
10 thought was improper during the course of the work if I was on
11 site, I would say, you know, that asphalt isn't thick enough or
12 it's too thick or whatever, we need better compaction, things like
13 that. But as far as at the end of the project -- I mean we
14 address problems as we see them. We don't wait till the end, I
15 mean unless it's a minor thing. We have a punch list item. But
16 if it's an issue with the work itself we'll stop and talk to the
17 contractor and try to get it addressed right there.

18 Q. And then you went on to my last question, I think. As
19 far as the punch list, is that something that would come from you,
20 the engineer, or it could come from both, and how are those
21 basically resolved in terms of closing either or both out?

22 A. For that particular job I don't recall a punch list.
23 Basically you're bursting a main and you got to connect all the
24 houses and if you don't then you know you're going to have a
25 problem, so I believe, you know, all the connections were made and

1 I don't recall any punch list items for that.

2 Q. That's it. Thank you.

3 MR. KATCHMAR: No questions.

4 MR. GUNTHER: No questions.

5 MS. MAZZANTI: No questions.

6 MR. SPERRY: No questions.

7 MR. NICHOLSON: Matt Nicholson, NTSB.

8 BY MR. NICHOLSON:

9 Q I've got a couple of just clarification questions for
10 you. You said -- when you were asked about closing out a project
11 you said no, I take that to the engineer and more or less assist
12 the engineer. Were you referring to the -- is that the project
13 manager, William Wong?

14 A. Yes.

15 Q. Okay, the same person. And do you have the ability to
16 stop a job if you see something?

17 A. I mean typically that would be something I'd bring to
18 the project -- you know, the project manager or the engineer if I
19 really thought hey, these guys are being, you know, unresponsive
20 or whatever. I don't think in my 11+ years as a, you know,
21 inspector/tech we've ever had to do that. Most contractors will
22 try to oblige.

23 Q. So the direction for stopping the job for unsafe work
24 practices would typically come from the project manager? That's
25 how that would work.

1 A. Well, depending on the situation. I mean I've had
2 altercations in the field with supervisors saying hey, I need
3 cones up here or I need you to, you know, move this equipment,
4 it's blocking the line of sight for safety reasons, you know, just
5 little daily things like that, but they basically would take care
6 of it. And, you know, I've had a few situations where they didn't
7 take care of it soon enough and I said, you know, I'll go ahead
8 and send you a letter and, you know, but it typically doesn't get
9 to that point.

10 Q. Thank you. That's all I have.

11 A. Sure.

12 MR. CHHATRE: Ravi Chhatre, NTSB.

13 BY MR. CHHATRE:

14 Q. Can you briefly give us your educational background?

15 A. I have a bachelor's degree from Cal State, Chico.

16 Q. In?

17 A. In industrial technology.

18 Q. Any other formal education for you?

19 A. That's essentially it.

20 Q. And how long have you been working with the City?

21 A. Eleven-and-a-half years I think.

22 Q. And is that in your same capacity you are in right now?

23 A. Correct.

24 Q. In those 11-1/2 years has the City given you any job-
25 related training?

1 A. Yes. We -- I mean we do go to the occasional workshop
2 for different things, storm drain pollution prevention, things
3 like that.

4 Q. Can you be more specific? Do you have formal training
5 or just meetings or informal training?

6 A. Well, that's something I think that's put on by the
7 County basically, best management practices for constructions
8 site, you know, try and protect the catch basins and, you know,
9 storm water.

10 Q. Now on this particular project you said you are in and
11 out?

12 A. Correct.

13 Q. Now you are in and out of a job. How can you ascertain
14 that the procedures are being followed and the job is being done
15 right? How do you know the concrete is taken out? I think one of
16 the examples you said if you don't believe the concrete is taken
17 out, you just mention or you stop or do something.

18 A. Yeah. I said asphalt, but --

19 Q. Okay.

20 A. Yeah. But if I witness something -- for this type of
21 project, because it was a pretty basic -- you pull a pipe through
22 an existing pipe, so it wasn't very critical for me to be there
23 for them pulling the entire pipe, you know, in my opinion because
24 you're just pulling the pipe through. If there was an -- we have
25 trenching where they'll actually trench for the pipe versus

1 bursting the pipe, and there's other utilities in the ground, and
2 I'm currently working on a project where we're using a lot of
3 bucket work and doing a lot of hand digging around utilities, so I
4 think to witness that is a little more critical, so for this type
5 of work, and just because my other duties, I wasn't available.

6 Q. Did you have any meeting before you went to this site?
7 Did your supervisor explain it to you, what you are supposed to
8 being doing on this job?

9 A. I believe we had a pre-con meeting for this project.

10 Q. When was it?

11 A. It would be before the project started. I don't
12 remember the date.

13 Q. Do you recall how many days the project took to
14 complete?

15 A. I don't recall.

16 Q. Is there some sort of ledger that you keep as to what
17 you do every day or -- who knows what you are doing on any given
18 day?

19 A. Who knows? I guess the -- my department. I don't know.

20 Q. Can you tell us who do you report to, who is your
21 supervisor?

22 A. I don't report to anybody. I do interact with my
23 colleagues, but I don't come in in the morning and tell them I'm
24 here. I --

25 Q. No, no, that's not what I meant. I meant in the

1 organization who is your immediate supervisor in the organization?

2 A. At that time it was Steve Davis I believe who was the
3 City engineer.

4 Q. What is Steve's title?

5 A. He was the City engineer.

6 Q. Is he at the same level as --

7 A. Wayne Wong?

8 Q. Yeah.

9 A. Well, Wayne Wong is currently the acting City engineer
10 because Steve Davis moved on to a different job, so basically the
11 (indiscernible) position, then the City engineer, and then the
12 engineers are underneath Steve. And so depending on what was
13 going on that week -- you know, if it was an issue with the sewer
14 pipes I'd just talk to Wayne, but normally I was interacting with
15 Steve because I'd be working with him on different, you know,
16 projects or tasks or whatever.

17 Q. On this sewer project who did have -- you said a job
18 meeting.

19 A. Typically before we have any project for Public Works we
20 have a pre-con meeting --

21 Q. Right.

22 A. -- and we just kind of have a brief sit-down, go through
23 the scope of work, see if anyone has any questions, any major
24 issues or concerns, you know, just real general basic stuff.

25 Q. On this one who briefed you?

1 A. I don't remember being briefed.

2 Q. Well, who explained -- maybe I'm using the wrong term
3 here, but you said you had a meeting. What was the word you used?

4 A. Pre-con, pre-construction?

5 Q. Yeah, a pre-con meeting. And whom did you have that
6 meeting on this particular job?

7 A. I don't recall the meeting specifically, but I believe
8 we had one, and if we did it would have been the contractor and
9 Wayne and myself.

10 Q. But you don't recall if you had one?

11 A. I don't recall specifically. It's hard to remember. We
12 have a lot of projects and a lot of things that are happening, so
13 it's hard to remember every case.

14 Q. So were you asking things specifically on this job to
15 look for?

16 A. Not that I remember, no.

17 Q. Was it discussed that there are other utilities in the
18 area you need to watch for?

19 A. I was aware of -- actually I take that back. When we
20 did this project this leg of the work wasn't on the scope of work,
21 I believe, at the time. I think it was added after the fact, and
22 then at that point I recall -- because I had been on another
23 project where there was work on that street, closer up by the
24 shopping center, and PG&E was out there for that work, and so I
25 remembered that there was a gas line.

1 Q. Now these photographs you take or any notes you took,
2 what do you do with them, who do you give those to?

3 A. Nobody. They were just for my own -- so basically as,
4 you know, the project was going, if we had an issue I could say
5 hey, here's a picture, we need to take care of that or -- but I
6 don't remember any problems with the project, and so -- it was a
7 pretty straightforward project, yeah. I don't remember having any
8 issues or problems. The contractor was real cooperative and from
9 my limited knowledge it seemed like they were pretty -- you know,
10 did a good job. They weren't -- from what I witnessed they didn't
11 try to cut corners or do things like that, so --

12 Q. So do you take these photographs and notes on each job
13 or --

14 A. Yes. Again, each job we do is different, so depending
15 on what we may want to keep track of. But, again, when I took
16 these photos it was more or less so at the end of the month we
17 would know okay, they're billing us for this much pipe, how much
18 -- you know, and I don't even remember there being any
19 discrepancies or problems with that.

20 Q. Tell me what happens with your notes and photos you
21 take. Is there some kind of a depository in the City or --

22 A. No.

23 Q. So you're not really required to take any notes or
24 photographs?

25 A. Well, for that project I wasn't a dedicated inspector.

1 I just was assisting, checking in, trying to head off problems in
2 the -- you know, just, you know, try to help out basically, you
3 know.

4 Q. Yes.

5 A. If there's issues with the public or traffic flow, I
6 mean you name it, there could be problems. So, again, this seemed
7 like it went pretty smooth. I don't remember having any --

8 Q. No, I understand.

9 A. -- any problems.

10 Q. I'm just trying to understand the procedure with the
11 City and -- not the big job.

12 A. Well, currently I'm an inspector on a project and I'm a
13 dedicated inspector. I'm out there 95 percent of my day, so I'm
14 basically out there right there with the equipment and the crew
15 and, you know, I'm hands on. So Wayne, because he's been moved to
16 the City engineer level, he's got other things he's dealing with,
17 so I'm his eyes and ears out there.

18 Q. Is there or is there not a procedure for you or the
19 inspectors to -- when you go to a job, you shall do this or at
20 least follow this procedure or there is nothing like that?

21 A. For this job I put together a daily report, which I did
22 not do for the last -- for the 2008 project, so it's a lot more --
23 you know, I don't want to say detailed, but, you know it's a
24 report. We have a daily -- like a daily log. We put the weather,
25 what the conditions are, you know.

1 Q. I'm sorry. I'm confused. When you say this job, which
2 job you are referring to?

3 A. It's the job I'm currently working on like --

4 Q. Okay.

5 A. -- this month, for the last three months actually.

6 Q. Okay.

7 MR. HARRIS: As opposed to the 2008?

8 MR. HANNIGAN: Yes.

9 BY MR. CHHATRE:

10 Q. Okay. I just want to understand. Okay. But as the
11 work procedure with the City, are you -- I'm trying to understand.
12 It looks like sometimes you take notes, sometimes you don't. You
13 take pictures, but they don't go any place. I'm just trying to
14 understand what is the normal protocol, work protocol.

15 A. As far as photographs, I don't know if we have a formal
16 procedure. Again, it's hard to -- when you're an inspector and --
17 well, I'm a technician, so I do a lot of drafting, some GIS work,
18 some design stuff. Sometimes I make exhibits for the City
19 Council, so I do a lot of different things.

20 Q. Okay.

21 A. And that's why I was trying to distinguish the
22 difference. I'm currently -- I'm on a job. I'm there all day
23 basically versus back during this project I was just kind of
24 checking in, keeping tabs, you know, just trying to assist Wayne.

25 Q. And where are these photographs you took?

1 A. I do not know. I think we recovered one of them after
2 the incident. I believe they were on my hard drive, which about
3 two -- it's going to be a year-and-a-half ago, the computer went
4 down and the IT Department couldn't recover it, so I lost
5 everything.

6 Q. Now I guess one of the assignments is safety, and were
7 you there when they were digging any of these trenches or holes,
8 manholes, the contractor was digging? Were you there?

9 A. Yes. I mean -- yeah.

10 Q. And do you recall if they were giving you shoring on
11 these jobs?

12 A. I recall shoring.

13 Q. So you do recall shoring?

14 A. Yes.

15 Q. And where was the shoring?

16 A. I specifically remember it up on Susan Drive, in and
17 around this real precarious situation where there was a forest
18 main which, if you're not familiar, is a pressurized sewer line
19 coming from the SF Jail, and that was another one of those areas
20 where we -- you know, we knew we don't want to have any problems
21 with that, and so I remember we had a pretty significant, you
22 know, deal going on there for a couple days.

23 Q. I'm sorry. I think again -- I'm not sure -- when you
24 say this job. I'm putting the different (indiscernible).

25 A. I'm referring back to the sewer project of '08.

1 Q. Okay.

2 A. Yes.

3 Q. And you do recall seeing the shoring there?

4 A. Correct.

5 Q. And was there shoring on the gas pipe when they dug the
6 ditch or was it a main that they dug with the shoring?

7 A. I don't recall any shoring on the gas pipe.

8 Q. Okay.

9 MR. CHHATRE: Let's go off the record for a second.

10 (Off the record.)

11 (On the record.)

12 BY MR. CHHATRE:

13 Q. Back on the record, sir. Going back again to this
14 accident location, was there or was there not any shoring?

15 A. I don't recall specifically.

16 Q. Thanks for all the information. No more questions.

17 MR. NARVELL: Rick Narvell, N-A-R-V-E-L-L.

18 BY MR. NARVELL:

19 Q. I do have a couple just listening to the discussion
20 here, Mr. Hannigan. Realizing that you weren't there on a regular
21 basis, so to speak, in and out, et cetera, could you recall any
22 discussion by anybody about large amounts of water ponding and
23 saturating the soil in any particular place in or around Earl
24 and/or Glenview?

25 A. I don't recall any conversations about that.

1 Q. And the same question again, if you can recall was there
2 any discussion about any seismic activity in the recent past?

3 A. I knew -- I was aware that we were in close proximity to
4 the San Andreas fault that runs right through that part of town.

5 Q. You say right through that part of town. Would you be
6 able to --

7 A. I've seen a map, an aerial photo, that showed it, so I
8 don't know if that -- you know, that's just something somebody put
9 up on Google, but it -- I know, you know, the basic trajectory of
10 the fault line.

11 Q. Was there -- from your perspective was there ever a
12 concern about the proximity of the fault with the work that was
13 being done in '08?

14 A. I don't believe so, no.

15 Q. Do you know if there were sensors there, earthquake or
16 seismic sensors there?

17 A. I'm not aware of any sensors.

18 Q. All right. Thank you. That's all for me.

19 MR. CHHATRE: Are there any follow-up questions?

20 MR. CALDWELL: Geoff Caldwell, City of San Bruno.

21 BY MR. CALDWELL:

22 Q. You mentioned earlier, John, that you took notes
23 sometimes. Did you take notes for the Earl add-on project at the
24 time?

25 A. I believe so, yes.

1 Q. And do you still have that notebook where you took that
2 -- those notes?

3 A. I don't. I didn't -- oh.

4 Q. And then the notes that you took you transposed them
5 into your hard drive or put them on your computer which has now
6 been wiped or something?

7 A. There's no notes on my -- I never put any notes on my
8 computer.

9 Q. Okay.

10 A. The photographs, after I -- you know, I keep them on my
11 camera for a while. Then if I need to I just download them to my
12 computer. So the notes were never -- they were just basically
13 something like this, just, you know.

14 Q. And you don't have that notepad any longer?

15 A. No.

16 Q. Okay. Thank you. That's it.

17 MR. CHHATRE: Follow-up questions? Bob?

18 MR. FASSETT: Did you have any, Brian?

19 MR. DAUBIN: No.

20 MR. FASSETT: Bob Fassett, PG&E.

21 BY MR. FASSETT:

22 Q. You mentioned you observed the insert and pullback on
23 the job or, to be specific, you saw it on Earl Avenue?

24 A. I don't believe -- I don't recall seeing it specifically
25 up at that intersection, no.

1 Q. Well, what about down Earl?

2 A. I don't recall. I remember being out near the fire
3 department, which is around the corner, because there was concerns
4 -- there's a lot of traffic in that area. You know, I remember
5 being a little bit concerned about equipment right near the
6 intersection and, you know, if there was a fire response needed,
7 you know, I was kind of worried about that.

8 Q. So you did observe the pullback or you did not?

9 A. At various portions of the job I witnessed the pulling
10 of the pipe, correct.

11 Q. Was it done all in one day?

12 A. As far as I can recall yes.

13 Q. Did you observe a PG&E employee out there during the
14 pullback?

15 A. I recall a PG&E employee at the intersection, parked at
16 the intersection of Glenview and Earl.

17 Q. During the pullback?

18 A. During hand digging operations. I remember him being
19 out there and I remember that was a touchy situation, and I
20 vaguely recall them having to wait. The contractor was having to
21 wait for PG&E to show up or I had heard conversations about that.

22 Q. Was the hand digging operation and the pullback done on
23 the same day?

24 A. I don't believe so, no.

25 Q. You said this is the first time you had observed pipe

1 bursting. What qualified you to inspect a pipe bursting job?

2 A. I have no formal training in pipe bursting. Again, I
3 was more or less just trying to assist the project and, you know,
4 any problems that came along with it. A lot of my roles or duties
5 involve, you know, just trying to keep the residents obviously
6 safe from any -- you know, falling in a, you know, trench or
7 something like that, traffic oriented issues, pedestrians, things
8 like that, and answering phone calls. You know, often people call
9 and inquire what's happening in their neighborhood.

10 Q. So to clarify, there was -- you received no training,
11 but there is no requirement to receive training, is that correct?

12 A. I'm not familiar with what the policy is on employee
13 training.

14 Q. Did you observe the compaction of the soil around the
15 sewer at the intersection of the 30-inch transmission line?

16 A. I don't believe so.

17 Q. Thank you. That was my question.

18 MS. FABRY: Klara Fabry.

19 BY MS. FABRY:

20 Q. Just clarifying, back in 2008 you -- from an
21 administrative point of view you reported directly to Steve, but
22 on this specific project, Wayne Wong was project manager for this
23 project. You coordinated with him any technical related issue on
24 this project?

25 A. Correct. Wayne was usually aware of everything before I

1 was in some cases, so -- but yeah, if I had an issue or problem I
2 would confer with Wayne.

3 Q. How often -- if you have any recollection of any day,
4 how often or what was your ongoing interaction with the project
5 engineer or the project manager on this project?

6 A. Can you clarify that? I'm --

7 Q. How often you interacted in a day with Wayne on this
8 project, if you have any recollection.

9 A. Not very often. You know, sometimes we'd see each other
10 coming or going to the job site or I'd, you know, be in my office
11 and I'd see him in the office, but, you know, unless we had
12 issues, which I don't recall any.

13 Q. But certainly if you would have experienced or you would
14 see any problem or any concerns were raised on the project you
15 would go back and discuss those technical issues with Wayne?

16 A. Sure, yes.

17 Q. One other question. You already clarified that you
18 don't recall or you don't have any of those field notes any more,
19 that those were just not available or you don't know where they
20 are.

21 A. I believe -- as you know, once a year we have the big
22 clean out your office day and, you know, I just had a bunch of
23 plans and just stuff and I believe that, you know, everything got
24 recycled.

25 Q. And how you indicated before -- just a few clarifying

1 about those pictures, that you indicated you took those pictures
2 and then those pictures got lost based on --

3 A. They were put on my hard drive --

4 Q. Correct.

5 A. -- and the computer had whatever the -- whatever was
6 wrong with the computer, I'm not sure, but the IT Department tried
7 to recover it and basically had to put a new hard drive in.

8 Q. You were not able to recuperate any pictures?

9 A. I seem to recall one of the picture for whatever reason
10 ended up on the P drive, and I think I printed that out for you.

11 Q. Thank you.

12 A. Okay.

13 Q. No further questions.

14 MR. KATCHMAR: Thank you. Peter Katchmar with PHMSA,
15 Pipeline and Hazardous Materials Safety Administration, U.S. DOT.

16 BY MR. KATCHMAR:

17 Q. When did you start with the City of San Bruno job?

18 A. I believe it was 1999.

19 Q. Okay. And I guess -- you were asked about specific
20 training and stuff. I guess to do your job, since you had been
21 doing it for a number of years prior to that, it was just pretty
22 much by experience of what to look for safety-wise with the road
23 closures and the equipment out there and all that, is that
24 correct?

25 A. Correct.

1 Q. Did you -- was there any unique equipment for this
2 project at this location?

3 A. Well, I found it unique because I'd never been familiar
4 with the pipe bursting operation --

5 Q. Okay.

6 A. -- so that was unique to me.

7 Q. I guess was there any larger than expected equipment
8 onsite?

9 A. Not that I recall.

10 Q. What kind of equipment was onsite?

11 A. They had a backhoe.

12 Q. Would that have been a normal wheeled backhoe?

13 A. Yeah.

14 Q. Like a tractor?

15 A. Just the standard rubber tire backhoe.

16 Q. Okay.

17 A. And they may have had an excavator.

18 Q. And what is an excavator?

19 A. An excavator is a tracked vehicle. Usually it's a
20 larger bucket, bigger piece of equipment, can move more soil.

21 Q. Oh, like track hoe?

22 A. Yeah.

23 Q. Okay. Alrighty. Are you aware of any other work done
24 at this crossroads?

25 A. I am not aware.

1 Q. Thank you. That's it.

2 MR. GUNTHER: No more questions.

3 MR. SHORI: One more follow-up. Just in terms of the
4 excavation --

5 MR. CHHATRE: Identify yourself.

6 MR. SHORI: I'm sorry, Sunil Shori, California PUC.

7 BY MR. SHORI:

8 Q. In terms of the excavations that you recall seeing, can
9 you describe what the excavations were?

10 A. Can you be a bit more specific?

11 Q. Yes. And we're referring to just the project scope at
12 Earl and Glenview. In terms of whatever was excavated on your
13 various trips out to that location, what excavations do you
14 recall, if you can describe their maybe dimensions and where they
15 were located.

16 A. Well, we would have little small holes, but I can't tell
17 you specifically. I don't remember exactly the size of, you know,
18 the potholes, but -- where you needed to make a lateral connection
19 into the sewer main, so you'd pull the pipe through and then you'd
20 have to connect the house, you know, back up to the sewer main,
21 and so they'd have to dig for those.

22 Q. But that would be, again, to connect the services back
23 --

24 A. Right.

25 Q. -- to the new main?

1 A. The laterals, correct.

2 Q. What about any larger excavations in terms of where they
3 would have pulled the line and where they would have pulled the
4 line out?

5 A. Yes. Typically they would do that where they were
6 setting a manhole, and so where the manholes were placed also they
7 dug there as well.

8 Q. So do you recall a manhole being in place or the manhole
9 not being in place or what -- basically in terms of the end points
10 of where that main was run.

11 A. I recall the excavation at the intersection of Glenview
12 and Earl, and I'm not precisely sure where the next manhole down
13 the line was, but I, you know, recall them digging there as well.

14 Q. Do you remember the dimensions in any way in terms of
15 what the dimensions of those excavations were?

16 A. Maybe 5X5, 6X6 roughly. I don't recall it being too
17 large. They typically wouldn't dig more than they needed to.

18 Q. And that would be the same size away from the
19 intersection of Earl and Glenview, so you'd find about a 5X5, 6X6,
20 on both ends?

21 A. I believe maybe the -- where they would put the big
22 wench in the ground, I recall it being a fairly large piece of
23 equipment they put down in there, and that may have been a little
24 bit larger to accommodate that big -- you know, big frame.

25 Q. And do you recall any shoring on those locations, on

1 those excavations?

2 A. I don't recall specifically.

3 Q. Thank you.

4 MR. DAUBIN: Brian Daubin, PG&E.

5 BY MR. DAUBIN:

6 Q. You had mentioned the excavation was a little bit larger
7 for the equipment that they used, the wench equipment. Where was
8 that excavation?

9 A. I don't recall. I'm not -- I believe they pulled the
10 pipe easterly on that, but I could be mistaken. I just don't
11 recall.

12 MS. MAZZANTI: Debbie Mazzanti, IBEW, Local 1245.

13 BY MS. MAZZANTI:

14 Q. You mentioned that this wasn't that unusual of a
15 project. Were you aware that there was at this intersection a 30-
16 inch gas main transmission line?

17 A. I was.

18 Q. And that -- did that send any special flags or special
19 concerns?

20 A. No. I just remember, you know, feeling better that
21 okay, PG&E's out onsite. This is their deal. They -- you know,
22 they know how to work around these things. I had one previous
23 project, as I mentioned earlier, up on the hill and the same
24 thing, that was a water line, I believe, and they did the same
25 thing. They showed up and they kind of observe and make sure all

1 their protocols are being followed with the contractor.

2 Q. No further questions.

3 MR. SPERRY: No questions.

4 BY MR. NICHOLSON:

5 Q. Just another clarification. I'm trying to understand a
6 little bit better the scope of your work. Are you trained -- are
7 you a codes inspector?

8 A. I'm not a -- I don't have any codes that I've been
9 trained in, no.

10 Q. Okay. So you're just sort of a general site inspector,
11 safety?

12 A. Yes.

13 Q. Okay. That's all I have.

14 MR. CHHATRE: I have no more questions.

15 MR. NARVELL: Just one clarification on an acronym that
16 you used, John, and I believe I know what it is, but just for the
17 record GIS stands for?

18 MR. HANNIGAN: Geographic Information System.

19 MR. NARVELL: Thank you. That's all I have.

20 MR. FASSETT: I have a follow-up question.

21 BY MR. FASSETT:

22 Q. On the potholing around the 30-inch transmission main
23 you said PG&E was there and it made you feel better that they were
24 there.

25 A. Well -- okay, go ahead. Sorry.

1 Q. Go ahead.

2 MR. CHHATRE: This is Bob Fassett, PG&E.

3 MR. FASSETT: Bob Fassett. Sorry.

4 MR. HANNIGAN: I just remember that was something that
5 was discussed. Whether it was in the field or at a meeting I
6 don't remember specifically, but I remember that PG&E basically
7 said that we need to be onsite for that one, so -- I remember
8 seeing the truck when I drove by, so okay, they're onsite, now the
9 work can continue, that kind of thing.

10 BY MR. FASSETT:

11 Q. So while they were there do you recall the 30-inch
12 pipeline being prospected on both sides of it or just one side of
13 it?

14 A. I don't recall both sides of the pipe being exposed.

15 Q. Do you recall one side of the pipe being exposed?

16 A. I do recall one side of the pipe being exposed.

17 Q. That's all I have. Thank you.

18 UNIDENTIFIED SPEAKER: Ravi?

19 MR. CHHATRE: What did you say?

20 UNIDENTIFIED SPEAKER: Off the record.

21 (Off the record.)

22 (On the record.)

23 MR. CHHATRE: Back on the record. Anybody have any
24 questions? If not, thank you very much for your time. We
25 appreciate it and it does help. Off the record.

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(Whereupon, the interview was concluded.)

CERTIFICATE

This is to certify that the attached proceeding before the
NATIONAL TRANSPORTATION SAFETY BOARD

IN THE MATTER OF: PACIFIC GAS & ELECTRIC COMPANY
 SEPTEMBER 9, 2010 ACCIDENT
 SAN BRUNO, CALIFORNIA
 Interview of John Hannigan

DOCKET NUMBER: DCA-10-MP-008

PLACE: Burlingame, California

DATE: January 3, 2011

was held according to the record, and that this is the original,
complete, true and accurate transcript which has been compared to
the recording accomplished at the hearing.

Cheryl L. Phipps
Transcriber