BEFORE THE PUBLIC UTILITIES COMMISSION



STATE OF CALIFORNIA



ADMINISTRATIVE LAW JUDGES JESSICA T. HECHT and MARCELO POIRIER, co-presiding

Order Instituting Investigation on)	
the Commission's Own Motion into the)	EVIDENTIARY
Operations and Practices of Southern)	HEARING
California Gas Company with Respect)	
to the Aliso Canyon storage facility)	
and the release of natural gas, and)	
Order to Show Cause Why Southern)	
California Gas Company Should Not Be)	
Sanctioned for Allowing the)	
Uncontrolled Release of Natural Gas)	Investigation
from its Aliso Canyon Storage)	19-06-016
Facility. (U904G))	

REPORTERS' TRANSCRIPT
Virtual Proceeding
May 18, 2021
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Volume 19

Reported by: Carol Ann Mendez, CSR No. 4330 Karly Powers, CSR No. 13991 Rebekah L. DeRosa, CSR No. 8708

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1	VIRTUAL PROCEEDING
2	MAY 18, 2021 - 10:00 A.M.
3	* * * *
4	ADMINISTRATIVE LAW JUDGE HECHT: We'll
5	be on the record.
6	This is Jessica Hecht, and I am
7	co-presiding today with ALJ Marcelo Poirier.
8	This is, I believe, day 19 of the evidentiary
9	hearings in Investigation 19-06-016. We are
10	going to be dealing with one witness today,
11	but before we get to Mr. Schwecke, we will
12	have a discussion of some housekeeping
13	issues.
14	Specifically, I have a couple of
15	questions about things that came in
16	yesterday. One relates to some exhibits that
17	were served yesterday as confidential, and I
18	believe that they were re-served this morning
19	as not confidential, and I want to confirm
20	whether those are the same exhibits, give or
21	take some redacted personal information.
22	Mr. Gruen or Ms. Purchia?
23	MR. GRUEN: Yes, your Honor, I'm
24	prepared to address that, and we also have a
25	number of other housekeeping items we'd
26	like we'd request to raise.
27	But, to address your Honor's
28	questions, the confidentiality exhibits that

were served we have re-served with certain 1 redactions, out of an abundance of caution, 2. but we do understand from SoCalGas that the 3 exhibits that were marked confidential and 4 have been re-served as not confidential that 5 6 SoCalGas doesn't have any confidentiality 7 concerns; but, we'd ask that SoCalGas confirm that for the record, that our understanding 8 9 is accurate. So that's to -- to address your point. 10 11 And I believe your Honor also noted 12 a question just about the -- the cross estimates, as well, which we are prepared to 13 address, as well as -- and we ask to raise a 14 few other items. 15 16 ALJ HECHT: Okay. Then, I think we have resolved the issue of confidential 17 18 exhibits, which is helpful, because we do not then need to discuss whether and -- to have a 19 closed hearing. So that saves us, I hope, 2.0 21 some trouble. With that, I quess we should move on 22 to the next housekeeping items. 23 24 Mr. Gruen, would you like to begin? 25 MR. GRUEN: Sure, your Honor. If -- if 26 I may, may we request, just to be sure that we're tracking, that SoCalGas confirm for the 27 record that our understanding about the 2.8

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confidentiality is correct?
 1
          MR. STODDARD: Your Honor --
 2
 3
          ALJ HECHT: Yes.
          MR. STODDARD: -- I kind of missed
 4
    that. That's correct.
 5
 6
          MR. GRUEN:
                      Okay.
 7
          ALJ HECHT: Great.
 8
          MR. GRUEN: Thank you. Your Honor, we
 9
    can address your other point.
              The -- the cross estimates -- SED is
10
11
    indeed requesting a two-hour and 15-minute
    increase in our cross estimate of
12
    Mr. Schwecke from what we had initially --
13
    initially proposed. We have adjusted our
14
    cross estimates to get documents and points
15
16
    in the record through Mr. Schwecke based on
    the -- the possibility that SoCalGas will not
17
18
    produce its own witnesses in the form of
    Boots & Coots. In short, this may be the
19
    last witness that SoCalGas offers, and our
2.0
21
    cross is now planned as if that will be the
22
    case, but we still have questions for
23
    SoCalGas witnesses, Drs. -- Dr. Haghshenas
    and Mr. Walzel, and concerns that SoCalGas
24
    anticipated that its Boots & Coots witnesses
25
26
    would not appear long before the witnesses
27
    decided not to comply with the subpoena, and
2.8
    arque it in Texas.
```

1	Your Honors, Boots & Coots'
2	testimony relates to Violations 79
3	through 83. SED has withdrawn Violations 80
4	through 82, the the first three
5	violations, and SoCalGas has moved to strike
6	Violations 79 and 83 from SED's testimony,
7	the last two violations that are the focus of
8	Boots & Coots's testimony. So it is apparent
9	that SoCalGas' goal was to get all of the
10	violations relating to its own witnesses'
11	testimony in the form of Boots & Coots
12	stricken from the record so that it would not
13	have to produce Boots & Coots in hearings,
14	and when SoCalGas failed to do that, it is
15	finally revealed that there's uncertainty
16	about whether it can produce these witnesses,
17	even though Boots & Coots's testimony was
18	prepared on behalf of SoCalGas on March 20th,
19	2020, more than a year ago, as shown right on
20	the cover page of that testimony.
21	In the context of all these concerns
22	and the prejudice that may be caused by them,
23	adding two hours and 15 minutes to our cross
24	estimate will not prejudice SoCalGas.
25	Indeed, we have the time allotted to do that,
26	and are noticing that now. We're providing
27	notice for that now to help address SED's due
28	process concerns that it will not get to

```
complete its cross-examination.
 1
 2.
              I will say, just on the housekeeping
    estimate -- I noted your -- your Honor asked
 3
    about that -- the housekeeping time in this
 4
    case that -- that could well be an
 5
 6
    overestimate. It's possible, indeed, that
 7
    likely we will not need to round out the day
    on Friday with housekeeping, but we -- we
 8
 9
    thought we'd flag it, in case it was needed.
10
    But, our -- our anticipation is likely we
11
    won't go that long, that that's conservative.
12
    So that's -- that's our answer to your
13
    Honor's question.
          ALJ HECHT: Okay. That's helpful.
14
    am -- I am assuming that SoCalGas would like
15
16
    to respond to that?
17
          MR. STODDARD: Thank you, your Honor.
18
              I'm not entirely clear on the -- I
    mean I'm not entirely clear on what SED's
19
2.0
    argument is with SoCalGas's intent with
21
    regards to the motion to strike on the
22
    violations, so I'm going to put that aside
23
    for the moment, other than to base -- to
    briefly state that there is no relationship.
24
25
    The motion to strike that we raised was based
26
    on SED's own testimony. There's no
27
    relationship between that and our attempts to
28
    get Boots & Coots to appear. As previously
```

explained, at the time that Boots & Coots 1 2 provided the prepared testimony, it was our understanding and expectation that they would 3 appear. In the interim, there's been a 4 change -- what we've been told is there's 5 6 been a change of general counsel at 7 Halliburton, and that the new general counsel does not wish to have -- you know, to appear 8 9 voluntarily in a out-of-state regulatory proceeding, which is why they moved for a 10 11 protective order relative to our subpoena, 12 and we are filing a response in the form of basically a motion to compel in Texas today. 13 Their motion for protective order was filed 14 15 on Friday. We're filing our response today. 16 We have a June 1 hearing date in Texas. All of that is just to say we are continuing to 17 18 attempt to enforce the subpoena. 19 The relationship between Boots & 20 Coots's testimony and Mr. Schwecke's 21 testimony isn't entirely clear to me in terms of the cross-examination estimates from SED. 22 23 And I would only note that, you know, again, they're -- you know, they're entitled to ask 24 Mr. Schwecke questions related to the scope 25 of his testimony, which includes the leak 26 27 response, and so it's not to say there's no 2.8 connection. But again, if they try to

cross-examine him about a lot of what's in 1 2 Boots & Coots' testimony as to their firsthand knowledge, he may simply not be 3 able to respond to it. If they're planning 4 to ask him questions about his time on the 5 hill, his experience with regard to leak 6 7 response, or his -- you know, his testimony, then I expect that he will be able to respond 8 9 to it. 10 ALJ HECHT: Okay. I am looking for a 11 little bit more explanation about why there would be more cross for Witness Schwecke 12 based on the possibility that the Boots & 13 Coots witnesses will not appear. I think, at 14 this point, we do not know whether they will 15 16 appear. We only know that they will not be here this week. And if somehow a motion to 17 18 compel, or the functional equivalent, succeeds, I would expect that we would 19 schedule another day to bring them in. 20 doesn't, then that will raise questions about 21 the Boots & Coots testimony and due process, 22 23 whether anybody can be cross-examined about that testimony, and if they can't, what are 24 25 the implications of that. But, in the meantime, we don't know whether or not 26 27 they're going to appear, and I am not sure 28 how their non-appearance increases the time

needed for Witness Schwecke. 1 2 Can you please describe that 3 relationship? MR. GRUEN: Well, your -- your Honor, 4 5 we -- without tipping our hand to SoCalGas as 6 part of cross-examination, I can say 7 generally that since Mr. Schwecke -- his testimony provides that he is -- was the 8 9 incident commander. It should be apparent 10 that he was making certain decisions, and can 11 offer, from SoCalGas' perspective, certain 12 perspectives, certain testimony related to leak response, and should be able to answer 13 questions about the interrelationships with 14 Boots & Coots. So to the extent that he does 15 16 know -- understand questions and can answer questions related to the leak response that 17 18 he should be able to answer some questions, we believe, although we'll find out -- he 19 2.0 should be able to answer some questions that 21 were directed to Boots & Coots. So this is a -- this is a concern that, since we don't 22 23 know -- part of the relationship to Boots & 24 Coots was supposed to have a date certain 25 today, and now our concern is that we're not 26 even sure if they're going to appear at all, 27 and because we're not sure, our concern is we finish with Mr. Schwecke, learn later that 2.8

Boots & Coots can't be produced, and we're 1 2 out of luck. Our -- our -- it's our burden to make the case, and then we don't have 3 anyone left to cross to get points into the 4 record, is -- is our concern, that 5 6 Mr. Schwecke, as an incident commander, is 7 our last chance. Your Honor, related to cross, I 8 9 might also add there's a -- there's a point 10 that SoCalGas has also served a video graphic 11 of the flow of gas on SoCalGas' system as of 12 yesterday, and SoCalGas informed SED and Cal Advocates Friday afternoon that it wanted to 13 use this as part of the direct examination of 14 Mr. Schwecke. SED and Cal Advocates both 15 16 objected to the use of -- use demonstrative exhibits, that we understand SoCalGas has 17 18 called them, as part of that direct examination of Mr. Schwecke, because 19 Mr. Schwecke should not be providing direct 2.0 21 testimony from the witness stand. SED noted that Mr. Schwecke's direct is limited to what 22 23 he provided in written testimony, and nothing in the status conference transcript allows 24 25 for direct or the demonst- -- use of demonstrative exhibits to supplement the 26 direct testimony. The service is 27 prejudicial. No other witness introduced 28

surprise exhibits on redirect, much less let 1 2 their witnesses talk about them, or in this case, on direct. 3 This case started in June of 2019. 4 SoCalGas served three rounds of -- of written 5 testimony already, but -- and I mention this 6 7 relating to the cross time now, if that is going to be allowed. We don't know what he's 8 9 going to say, and it may affect our cross 10 time, as well. We may have cross-examination 11 of Mr. Schwecke that we can't possibly know about until we understand what his direct is 12 going to be. 13 ALJ HECHT: All right. So we --14 Ms. Patel, I will get to you. 15 16 I want to actually move back, though, because I feel like we have not yet 17 18 resolved the issue of the cross estimates. I'm still not understanding why these 19 questions -- if they are within the scope of 20 Mr. Schwecke's testimony why these require 21 additional time compared to what you 22 2.3 estimated before, and I think fundamentally 24 that's what I want to know. If they're 25 related to Mr. Schwecke's testimony, then there -- they are things you can ask. 26 27 increasing the cross estimate by more than two hours just strikes me as odd. I 2.8

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understand the point you're making about this
 1
 2.
    possibly being the last witness, but again,
    I'm really not understanding why these are
 3
    additional for Mr. Schwecke. And maybe --
 4
    maybe that's dense of me, but I am not
 5
 6
    getting it.
 7
                      I appreciate the question,
          MR. GRUEN:
    your Honor, and I'll do my best to answer.
 8
 9
              Your Honor, we had a lot of
    questions planned for Boots & Coots, but
10
11
    simply put, we don't know if they're going to
    be here. And since we don't know if we'll be
12
    able to ask questions of Boots & Coots, we've
13
    moved some of the questions that were
14
    directed towards Boots & Coots to
15
16
    Mr. Schwecke, with the idea that he may be
    able to answer them. However, there are some
17
18
    that we -- we anticipate he simply wouldn't
   be able to answer, because Boots & Coots is
19
    unique. They're -- they -- they are the well
20
    kill contractor. So we've done our best to
21
    move some of the questions that were directed
22
2.3
    to Boots & Coots over to Mr. Schwecke.
          ALJ HECHT: Okay.
24
                             I know that Ms.
    Patel wanted to respond. My suspicion is
25
    that it was on another issue and that Mr.
26
27
    Stoddard should respond first to this issue
    specifically.
28
```

1	Mr. Stoddard?
2	MR. STODDARD: Thank you, your Honor.
3	I would you know, I mean, earlier
4	Mr. Gruen mentioned that Mr. Schwecke is the
5	incident commander, amongst some other
6	reasons here. They have known that for quite
7	a while. They have had his testimony for
8	quite a while. The scope of his
9	cross-examination, again, should be dependent
10	upon his testimony.
11	You know, I understand SED doesn't
12	want to tip their hand as to their
13	cross-examination, but, again, to me, and
14	based on the arguments that SED has been
15	presenting this morning in terms of the need
16	to ask questions, it again sounds like what
17	they are arguing for is further discovery on
18	the stand, as opposed to cross-examination.
19	The cross-examination of Mr. Schwecke would
20	be related to the testimony he's provided.
21	The cross-examination of Boots and Coots
22	would be related to the testimony they have
23	provided.
24	And in this instance, again, it's
25	not clear why they would shift from Boots and
26	Coots' testimony over to Mr. Schwecke, at
27	least based on what we've heard this morning.
28	ALJ HECHT: Ms. Bone and then Mr.

1 Gruen. I'll just say that, you 2. MS. BONE: know, I disagree with what Mr. Stoddard has 3 stated. And the fact is that a little more than two hours extension of a what is a cross 5 estimate is -- it seems really not an issue 6 7 to me. It seems more than appropriate, given the likelihood that Boots and Coots will 8 9 never appear before this tribunal. 10 So Cal Advocates absolutely supports 11 SED's request to ex -- you know, and not just 12 its request, but its advice that it may go 13 over, it may not. But it's certainly 14 appropriate. 15 ALJ HECHT: And, Mr. Gruen? 16 Thank you, your Honor. MR. GRUEN: 17 think Cal Advocates said it well. The one 18 thing I would add is, if the cross is cut 19 off, given the uncertainty that Boots and 20 Coots will ever show up, you know, whatever 21 the reason, it's SoCalGas's witnesses, if the cross is cut off, we have concerns about a 22 23 due process violation. We're just concerned 24 that we're never going to get the chance to 25 ask our questions. And that's a fundamental 26 point. And we're raising it for the record. 27 ALJ HECHT: All right. I have two 2.8 comments here that may or may not help.

But the first is, it sounds like SED 1 2 and Public Advocates Office are anticipating that the Boots and Coots testimony would be 3 admitted into the record if Boots and Coots cannot be cross-examined. 5 6 Is that part of the basis of your 7 concern? MR. GRUEN: Your Honor, we would like a 8 chance to evaluate that once we understand 9 10 from SoCalGas whether or not they are going 11 to produce. But to ask us what we would 12 anticipate before SoCalGas actually answers whether it's going produce its own witnesses 13 is premature, we would argue. 14 15 ALJ HECHT: Fair enough. I didn't 16 expect to get an answer to that. I think I'll try to but it another way. 17 18 If the Boots and Coots witnesses do not appear, then there is an open question 19 that we all will have to address in some form 2.0 about whether parties stipulate to entering 21 their exhibits into the record. 22 23 And I wouldn't prejudge what is appropriate in that instance. But with that 24 in mind, what I'm still concerned about is 25 26 not having an opportunity to ask questions. 27 MR. GRUEN: Absolutely, your Honor, we There's questions that relates to Boots 2.8 are.

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and Coots' testimony that we have concerns
 1
 2.
    about.
              And the fundamental point is,
 3
    whether SoCalGas thinks it's related or not,
 4
    they have moved to strike violations that
 5
 6
    Boots and Coots' testimony goes to correctly.
    And we wouldn't get a chance to even ask
 7
    questions about Boots and Coots -- of Boots
 8
 9
    and Coots that relate to those violations.
10
    That is a concern.
11
              Meaning, SoCalGas' move to strike
    violations related to the well kill modeling,
12
    that SoCalGas did not model -- that SoCalGas
13
    did not model -- do any transient
14
15
    modeling for certain of its well kill
16
    attempts. Boots and Coots' testimony says
    they did. We're not getting information
17
18
    about the actual documents that show the
    models. And now we're not getting a chance
19
2.0
    to even cross Boots and Coots to understand
21
    the voracity of that testimony, for example.
    That's a fundamental concern to us, your
22
2.3
    Honor.
24
          ALJ HECHT: All right.
25
              Mr. Stoddard?
26
          MR. STODDARD: Thank you, your Honor.
27
    With respect to the prior motion to strike,
    which I believe is the one -- the one Mr.
2.8
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Gruen is referencing is the one that was 1 2 raised during the first week of hearings orally, and which was denied without 3 prejudice by your Honors at that time. 4 And just to explain, again, in this 5 6 case SED, as Mr. Gruen acknowledged, bears 7 the burden. They have alleged violations for SoCalGas' failure to perform well kill 8 9 modeling on the theory that had they done so, they could have killed this on the second 10 11 attempt; which was based on "Well, that's what their opening testimony says." 12 On cross-examination of Ms. Felts, 13 we confirmed that their theory is now that 14 15 the well could not have been killed by top 16 kill. Those two theories are in conflict with each other. Our motion to strike isn't 17 18 based on testimony of Boots and Coots. Our 19 motion to strike is based on the fact that 20 they are arguing two different theories that are in conflict with one another and 21 effectively arguing facts in the alternative 22 23 which is neither permitted, nor does it really hold any logical -- nor does it (audio 24 25 interruption) largely based on facts in the alternative. It either is or isn't. 26 27 That's the basis for our motion to 2.8 strike. It doesn't relate to Boots and

23

24

25

26

27

2.8

1 Coots' testimony. ALJ HECHT: Yes. Just before I get to 2. 3 Mr. Gruen, we're going to go another couple minutes. I would like to hear from Mr. 4 Gruen, and then Judge Poirier and I will take 5 6 this under advisement. And we can discuss it 7 more probably later today. Mr. Gruen. 8 9 MR. GRUEN: Your Honor, SoCalGas has made this argument several times now that we 10 11 are arguing facts in the alternative. 12 your Honors had good foresight on this that the briefs will show whether, in fact, that's 13 actually the case. And, indeed, whether the 14 facts in the record support SoCalGas's 15 16 conclusive assertion. There's not the basis in the record to show that yet. And, indeed, 17 18 the record is not complete. And SoCalGas is saying, before we 19 2.0 even had a chance to cross-examine Boots and 21 Coots, that it has nothing to do with their 22

motion. How could they know? How could they know unless we get a chance to cross-examine Boots and Coots and what the record shows and we have a chance to brief it fully.

I -- your Honor, we have a couple of other points. But it's essentially that SoCalGas produce it -- its own witness. And

we're concerned about not being able to get 1 2. examples, get information in the record. I may, your Honor, I -- we do have several 3 other items to raise on housekeeping that I 4 just want to flag. So it -- I don't want to 5 6 -- go ahead. 7 ALJ HECHT: I would like to move on and take this under advisement. I am still sort 8 9 of perplexed. But I will discuss that with Judge Poirier, and we will come back and we 10 11 will talk about it. There were other housekeeping items. 12 And I believe that the second one you raised 13 was something that Ms. Patel wanted to 14 address if that time has not completely 15 16 passed or it has not fled her mind, I would like the get back to her on that. 17 18 MS. PATEL: Your Honor, I did wish to address the issue of the demonstratives. 19 did serve two demonstratives yesterday that 2.0 21 we thought might be helpful to provide some context and foundation for the 22 cross-examination. One of those 23 demonstratives was approval for its aerial 24 video of the Aliso Canyon storage facility 25 26 and the SS-25 well pad. We thought that 27 would be helpful because, as far as I'm aware, no one participating in this 28

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proceeding outside of SoCalGas has been to
 1
 2.
    the facility.
 3
              We did reach out to SED and Cal
    Advocates on Friday to see if they'd
 4
    stipulate to our use of it during direct
 5
 6
    testimony as demonstrative, not as exhibits.
 7
    And they opposed this concept. And so, at
    this time, we are not seeking to introduce
 8
 9
    them on direct. But we may use them on
10
    redirected if appropriate.
11
          ALJ HECHT:
                      And, Mr. Gruen?
12
          MR. GRUEN: Your Honor, we would object
    to using them at any time for direct or
13
    redirect. Whether if they introduce them on
14
    redirect, it's -- it's the same as doing it
15
16
    on direct. It's giving Mr. Schwecke an
17
    opportunity to add testimony.
18
              There was a clear ruling that unless
    it is rounding out a complete exhibit,
19
2.0
    completing an exhibit on redirect, it's not
21
    allowed. And these are brand new exhibits,
22
    your Honor. This is trying to make up new
23
    rules as we go on for -- from SoCalGas. We
    object to introducing it on direct or on
24
25
    redirect.
              (Crosstalk.)
26
27
          MS. PATEL: Your Honor, we specifically
    raised the issue of demonstratives at the
2.8
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Status Conference before we began hearings. 1 2. And your Honor's procedural e-mail issued before we began hearings stated that 3 demonstratives should be been served along 4 with cross exhibits a day in advance by 5 6 1:00 p.m. 7 ALJ HECHT: Mr. Gruen? MR. GRUEN: Your Honor, it's not just 8 9 demonstratives that we're talking about. We're talking about letting Mr. Schwecke talk 10 11 about them. There's the -- and it's both together that paint the picture that allows 12 the additional testimony. I mean, this can't 13 be looked at as a vacuum. 14 15 But even if it was just 16 demonstratives, they are not allowed, direct 17 or redirect. That shouldn't be -- they 18 shouldn't allowed at the last minute on the last witness to change the rules that 19 everyone else understood. 20 ALJ HECHT: I will make one note. And 21 this is as I have been reminded recently, 22 23 there is no prohibition against getting additional direct testimony from a witness on 24 25 the stand. That is something that happens 26 occasionally. It isn't clear to me that this 27 would necessarily be new testimony. 2.8 Having said that, I will allow

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another couple of statements on this and then
 1
 2.
    Judge Poirier and I will take it under
    advisement.
 3
              Does anybody have anything else to
 4
    say before we move on to whatever next
 5
    housekeeping issue?
 6
 7
          MS. PATEL: Your Honor, I will just add
    that, you know, it's not necessarily that
 8
 9
    this is providing additional testimony. It's
    proving context. Mr. Schwecke's opening
10
11
    testimony discussed the well kill operation
12
    that was going on at Aliso. And I think it
    would be helpful for people to see what it
13
    looks like at Aliso.
14
              And it's a Google Earth video.
15
    We've gotten it off the Internet. Everyone
16
    has access to the same video. So I don't see
17
18
    how this could possibly be prejudicial. And
    we served it well in advance.
19
          ALJ HECHT: And, Mr. Gruen?
2.0
21
          MR. GRUEN: Your Honor, calling this
    context instead of testimony, I'm aghast. I
22
23
    mean, this is Mr. Schwecke testifying on the
    record about these exhibits that were not
24
25
    provided as any parts of testimony. That's
    just -- that's -- I can't -- I don't know how
26
27
    I can say it any more plainly.
2.8
              The other concern I have is just the
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prejudice, that none of the other witnesses
 1
 2
    -- SED did not understand it could produce
    direct testimony or allow that with its
 3
    witness. If it had we would -- be may well
 4
    have planned for this case differently.
 5
    not the ruling. We understand that direct
 6
    testimony can be allowed. It's just having a
 7
    clear understanding so that all the parties
 8
    can follow that at the outset. To establish
 9
10
    that as a rule now is prejudicial.
11
          ALJ HECHT: Thank you. I will consider
    that.
12
              Are there any other responses for
13
14
    this before we move on to the next item?
15
                      No, your Honor.
          MS. PATEL:
16
          MR. GRUEN:
                      No, your Honor.
17
                      Thank you.
                                  Then moving on,
          ALJ HECHT:
18
    it sounded like some of the parties had more
    housekeeping issues. I'm going to ask if
19
2.0
    SoCalGas had anything they wanted to raise,
21
    and then we'll go back to SED since we've
    done two of SED's issues so far.
22
              Mr. Stoddard?
2.3
24
          MR. STODDARD: No, your Honor. We were
    going to provide an update on the Boots and
25
26
    Coots issue. But I think that's happened.
27
          ALJ HECHT: Yeah. All right.
2.8
              Then, Mr. Gruen, we are back with
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you. But I will note that we have lost video 1 2. of our court reporter. So we'll be off the record. 3 (Off the record.) 4 ALJ HECHT: We'll be back on the 5 6 record. 7 Mr. Gruen? MR. GRUEN: Thank you, your Honor. 8 9 Several other housekeeping items. I believe 10 we have three. 11 The first one is regarding a motion 12 to strike that SoCalGas filed late yesterday after afternoon. They filed a motion strike 13 portions of Margaret Felts' opening 14 testimony. And, your Honor, I would note 15 16 that as SED has been preparing for hearings this week. We're not prepared to argue the 17 18 merits of the motion at this time. But we would again request instruction that these 19 matters can be saved for final opening and 2.0 21 rely briefs after hearings. Postponing arquing this until briefs is consistent with 22 your Honor's instructions on SoCalGas's other 23 motion to strike and its motion to dismiss, 24 25 for example. As we noted with the oral motion to 26 27 strike that SoCalGas gas raised, there's 2.8 still no urgency here. And SoCalGas has

```
attempted to start the clock for us to
 1
 2
    respond to this motion to strike, when it's
 3
    apparent that SED's attorneys are busy with
    hearings. So we would ask that your Honors
 4
    find that that motion is premature, and that
 5
 6
    the issue can be argued in briefs after
 7
    hearings.
          ALJ HECHT:
                      Yes, Mr. Stoddard.
 8
 9
          MR. STODDARD: Thank you, your Honor.
10
              In terms of the timing of this
11
    motion, first of all, under the Commission's
12
    Rule 11.1(b), a motion can be brought at any
13
    time in the course of the proceeding.
    understand that SED is preparing for
14
15
    cross-examination; however, the time to
16
    respond to this sort of motion is actually
    15 days. It's quite long. So, there isn't a
17
18
    substantial loss of time, when we're talking
    about a very, very short motion. I believe
19
20
    it was six pages when we filed it.
21
              In terms of why it's appropriate to
22
    address this through a motion, as opposed to
23
    briefing, I believe that's explained in the
24
    motion itself. We point to a precedent where
25
    the same issue came up in a prior proceeding
26
    with the same witness representing SED.
27
    the testimony as to the dates of a continued
    violation were stricken because of her
2.8
```

failure to be able to speak to them and the 1 2 facts that were provided by counsel. And in this instance, again, you 3 know, we're following kind of the precedent 4 that was established in that case in a prior 5 Commission proceeding and it was dealt with 6 7 in an oral motion in that instance. Here we're not expecting SED to 8 9 respond to this orally today. We were 10 expecting that it would be responded to in 11 writing at the appropriate time consistent with the Commission's rules. 12 ALJ HECHT: Any other thoughts on this? 13 I might add, your Honor, 14 MR. GRUEN: 15 that apparently no good deed goes unpunished. 16 We asked for and received the moratorium in 17 the break between the two last rounds of 18 hearings on motions and we had an understanding with SoCalGas then that motions 19 2.0 would be -- would not happen during that 21 time. And part of the reasoning for it was to afford SED the same courtesy that was 22 2.3 afforded to SoCalGas when it was doing its cross-examination; that is, we didn't do 24 25 motions then. We didn't do discovery at that 26 time and yet now when it's our turn to do 27 motions, yes it's over several rounds, but 2.8 now when it's our turn to do our

```
cross-examination, SoCalGas is arguing,
 1
 2
    "Well, gee.
                 It wouldn't cut down SED's time
    too much. So let's -- let's -- that SED is
 3
    using its time to do hearings now."
 4
              Your Honor, this is something that
 5
               The timing of the motion, I didn't
 6
    can wait.
 7
    frankly understand Mr. Stoddard's arguments
    as to why this is a time-sensitive motion and
 8
 9
    why it can't happen in briefs. They will
10
    have their opportunity to argue why the
11
    motion makes sense or why the argument makes
    sense then.
12
                      Yes, Mr. Stoddard.
13
          ALJ HECHT:
14
                         Thank you, your Honor.
          MR. STODDARD:
              The moratorium that Mr. Gruen
15
16
    referred to was a moratorium as to motions
    during the hiatus between the first portion
17
18
    of evidentiary hearings and when we returned.
              Since that time, your Honors have
19
2.0
    stated, I believe, that once via e-mail and
    twice during hearings, that written and oral
21
    motions can be brought again. We are
22
23
    bringing this written motion in accordance
24
    with that direction. And in terms of the
25
    timing, I think it is important because a
26
    motion to strike really is something that
27
    needs to be dealt with in a motion and not in
    a briefing. For it to be argued in briefing
2.8
```

suggests that it kind of goes to the wait of 1 2 evidence, whereas a motion to strike, the remedy is to take that testimony out all 3 together, and striking it also helps parties 4 kind of narrow and clarify the issues for 5 briefing, since it takes testimony out of the 6 7 evidentiary record and that's the purpose of a motion to strike. It doesn't really work 8 9 if you do it in a brief. In a brief it would 10 be kind of arguing the weight of the 11 evidence. 12 ALJ HECHT: All right. Mr. Gruen. 13 then I think I am going to move on. 14 Your Honor, I'd just say if MR. GRUEN: I can, I'd note for the record that SoCalGas' 15 16 -- we already have demands on SED attorney's time to prepare for the deposition of 17 18 Mr. Holter right after hearings. So this is -- SoCalGas' motion would then add to that 19 burden. And we have talked about the 2.0 21 necessity to pour through Mr. Holter's field notes and assess that for privilege. 22 is excessive demand on that. 2.3 24 And I note that with regards, this 25 seems to be, and again we can't argue the merits, but because this is talking about 26 27 dates, we're talking about dates for multiple violations, approximately 80 of them 28

It's going to take some time to 1 researched. 2. prepare a motion on every single date that SoCalGas is talking about. The demand --3 this is an onus burden that SoCalGas is now 4 adding to the pile it would like SED's 5 6 limited-staff resources to work on after 7 hearings. ALJ HECHT: Judge Poirier, do you have 8 9 any comments before I move us along? 10 ALJ POIRIER: No. I am ready to move 11 along. Thank you. ALJ HECHT: All right. Just out of 12 curiosity, I looked back on our transcript 13 from Monday of last week, the last day we 14 met, and one of the final things I said was a 15 16 reminder that we're no longer in the quiet period on motions and that I am not 17 18 encouraging you to file a lot of motions, but that that quiet period is, in fact, over and 19 2.0 this motion was brought in writing. I do not 21 expect to discuss the specifics of the motion in the hearings. 22 2.3 We will consider your arguments and get back to you about whether this should be 24 25 deferred to briefing, but I don't see any 26 change of the rules here. SED had the 27 opportunity to bring motions and there was no rule made that we shouldn't have motions 2.8

```
during hearings, with the exception of during
 1
    that quiet period, during the hiatus.
 2
              So we will consider this. I
 3
    understand what you're saying and we will get
 4
    back to you. And with that, I think I have
 5
    now taken three things under advisement. And
 6
 7
    we will continue with Mr. Gruen.
          MR. GRUEN:
                     (On mute.)
 8
 9
          ALJ HECHT: And now I can't hear you.
10
          MR. GRUEN:
                     Pardon me, your Honor. Can
11
    I be heard?
          ALJ HECHT:
                     (Affirmative nod.)
12
                      Thank you, your Honor.
13
          MR. GRUEN:
14
              Yes, thank your, your Honor.
15
              The next item we have, after the
16
    cross-examination of Mr. Healy, SoCalGas
    counsel, Ms. Patel, said on the record that
17
18
    SoCalGas would supplement its response to SED
19
    Data Request 1 and enter it into the record.
    So SED has followed up with SoCalGas three
20
21
    times at this point to ascertain the status
    of these exhibits but has received no
22
23
    response. And SED would request, at this
24
    time, that SoCalGas be required to supplement
    the response by the time hearings end this
25
26
    week, so that we can have the exhibit that we
27
    stipulated to entered into the record.
2.8
          ALJ HECHT: (On mute.)
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ALJ POIRIER: ALJ Hecht, I think you
 1
 2.
    were muted. But, Ms. Patel, why don't you go
    ahead.
 3
          MS. PATEL: Yes, your Honor. It is our
 4
    intention to do that. I thought we had
 5
 6
    responded and I apologize that we did not,
 7
   but it's our intent to make sure that exhibit
    makes it way into the record.
 9
          ALJ HECHT: Thank you. And, Mr. Gruen,
    it sounded like you had one final thing.
10
11
          MR. GRUEN: Yes, your Honor. Thank
    you. Pardon me, your Honor. No. It's been
12
    addressed earlier. It was the
13
    confidentiality matter. Thank you.
14
15
          ALJ HECHT: Okay. Terrific.
16
              Strange as this sounds, some of
    these questions, I think we're on the direct
17
18
    testimony of Mr. Schwecke, and because of
    that, I would like to take a 10 or 15-minute
19
2.0
    break.
              I may have seen Ms. Bone raise her
21
22
    hand or not.
23
                     (Negative nod.)
          MS. BONE:
          ALJ HECHT: No. Okay. So I will move
24
         I would like to take then a 15-minute
25
26
    break. We'll see if we can address any of
27
    these issues before we swear in Witness
2.8
    Schwecke.
```

```
I apologize to Mr. Schwecke for
 1
 2
    sitting listening to this, but this is what
    we do.
 3
              Any final comments before we pause?
 4
 5
              (No response.)
          ALJ HECHT: All right. We will be back
 6
 7
    at 10:50 -- no, 10:55 and we'll be off the
    record.
 8
 9
              (Off the record.)
10
              (Recess.)
          ALJ HECHT: We'll be back on the
11
    record. We took a short break and I
12
    conferred with Judge Poirier.
13
              We can rule on a couple of those
14
    housekeeping issues that we discussed this
15
16
    morning, and some of them will stay out there
    and not be addressed today.
17
18
              First, there is the issue of the
19
    cross-estimates. We are not at this point
    sure whether or not Boots an Coots will
2.0
21
    appear and we believe that it is premature to
22
    plan as though they will not be here. So we
23
    are not going to increase the cross-estimate.
24
    You should do would you had intended.
25
              I see the expression on your face.
26
    Just because we're not in a hearing room
27
    doesn't mean that it's not apparent. We are
    not convinced that that will be an issue. If
2.8
```

it turns out that that is an issue, we can 1 revisit the need for this witness or some 2. other witness at the time that we find that 3 they will, in fact, not be appearing. 4 As I think I alluded to earlier, we 5 will also at that time have to address the 6 7 status of the Boots & Coots' testimony and who, if anyone, is sponsoring it and whether 8 9 it goes in the record because I certainly 10 don't feel comfortable with it going in the 11 record now, in the absence of the witnesses. So, if and when we determine they 12 will not be showing up, we can address those 13 The cross-estimates we have spent a 14 lot of time and much of it inefficiently over 15 16 the last 18 plus days of hearings and I do not want there to be any question that you do 17 18 not know what your limit is on cross-examination. So it will stay with the 19 20 estimate that you had before. 21 Obviously, things can slow a little bit and things can go a little shorter or a 22 23 little longer, but we are not approving a schedule that includes an additional two plus 24 hours of cross for Mr. Schwecke. 25 The next issue is the motion that 26 27 was filed by SoCalGas yesterday. I think the best solution for that is to extend the time 2.8

for SED to respond to it so that you are not 1 losing time during hearings. I think that 2. the responses to that motion would have been 3 due on June first. We're going to move that 4 out to June 7th, which is a Monday, three 5 weeks from yesterday. And that will give you 6 time that does not interfere with the 7 hearings. I do recognize there is still the 8 9 issue of the deposition with Mr. Holter, but 10 we all have a lot going on, and we're all 11 trying to balance it. With that, I think everything else 12 we're going to leave kind of out there, and I 13 will ask if there are any other housekeeping 14 issues or questions or anything before I 15 16 swear in this witness. 17 (No response.) 18 ALJ HECHT: All right. Everybody is 19 silent. 20 Mr. Schwecke, are you ready to 21 begin? 22 THE WITNESS: Yes, I am, your Honor. 2.3 ALJ HECHT: Great. Thank you. We will start by swearing you in and you will make a 24 25 few attestations which we have added for the 26 purpose of these hearings because they are 27 taking place virtually and we cannot see one another and what each other are doing. So I 2.8

1	am going to read sort of a long list of
2	things that we would like you to agree with.
3	And then you can say whether you attest to
4	agree with those.
5	So to begin, do you solemnly affirm
6	that the testimony you are about to give will
7	be the truth, the whole truth and nothing but
8	the truth?
9	Do you swear or attest to tell the
10	truth based on your personal knowledge?
11	Do you attest that you will testify
12	based on your knowledge and memory, free from
13	external influences or pressures?
14	Do you attest that you will adhere
15	to all formal requirements of testifying
16	under oath, including the prohibition against
17	being coached?
18	Do you attest that you will not make
19	any recording of the proceedings?
20	Do you attest that you will only
21	refer to materials previously shared with all
22	parties, including exhibits premarked and
23	identified by the parties?
24	Do you attest that you understand
25	that any recording of the proceeding held by
26	Webex or teleconference, including
27	screenshots or other visual copying of a
28	hearing is absolutely prohibited?

1	And do you attest that you know that
2	violation of these prohibitions may result in
3	sanctions, including removal from the
4	evidentiary hearing, restricted entry to
5	future hearings, denial of entry to future
6	hearings or any other sanctions deemed
7	necessary by the Commission?
8	Do you agree? Do you attest to
9	those things?
10	THE WITNESS: Yes, I do.
11	RODGER SCHWECKE, called as a witness
12	by Southern California Gas Company, having been sworn or affirmed, testified as follows:
13	testified as follows:
14	ALJ HECHT: All right. Thank you very
15	much.
16	With that, it looks like Ms. Patel
17	will be doing your direct.
18	MS. PATEL: Thank you, your Honor.
19	DIRECT EXAMINATION
20	BY MS. PATEL:
21	Q Good morning, Mr. Schwecke. Thank
22	you for your patience.
23	A Good morning.
24	Q Could you please state and spell
25	your name for the record?
26	A Yeah. It's Rodger that's
27	R-o-d-g-e-r Schwecke, S-c-h-w-e-c-k-e.
28	Q What is your current position with

SoCalGas? 1 2. My current position with SoCalGas is senior vice president, chief 3 infrastructure officer. How long have you been with 5 SoCalGas? 6 7 A I've been with the SoCalGas and family of companies for what is going on 8 9 38 years. 10 0 Have you held any positions at 11 SoCalGas relating to underground storage? 12 Α Yes, I have. Can you please identify those? 13 0 In approximately 2011, I was 14 Yes. director of underground storage. In 2016, I 15 16 became vice president of transmission and storage, which had the underground storage 17 18 operations under its umbrella, and storage has been under my umbrella since that date, 19 2.0 2016. 21 Do you have with you the exhibits that have been premarked as SoCalGas-02, the 22 23 Prepared Opening Testimony of Rodger Schwecke dated November 22nd, 2019, SoCalGas-23, the 24 Prepared Sur-Reply Testimony of Rodger 25 26 Schwecke dated June 30th, 2020, and 27 SoCalGas-24, which are the exhibits to the 2.8 Prepared Sur-Reply Testimony of Rodger

1	Schwecke, also dated June 30th, 2020?
2	A Yes, I do.
3	Q Were these documents prepared by
4	you or at your direction?
5	A Yes, they were.
6	Q And do you adopt them as your
7	testimony in this proceeding?
8	A Yes, I do.
9	Q One last question: The parties to
10	this proceeding have attested that they will
11	not audio or video record these proceedings,
12	but that does not apply to third parties.
13	So just in case there are any third
14	parties who may seek to record the
15	proceedings, I'm stating on the record that I
15 16	proceedings, I'm stating on the record that I do not consent to such a recording.
16	do not consent to such a recording.
16 17	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is
16 17 18	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is
16 17 18 19	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is being prepared by the CPUC court reporter?
16 17 18 19 20	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is being prepared by the CPUC court reporter? A No, I do not.
16 17 18 19 20 21	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is being prepared by the CPUC court reporter? A No, I do not. MS. PATEL: Your Honor, the witness is
16 17 18 19 20 21 22	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is being prepared by the CPUC court reporter? A No, I do not. MS. PATEL: Your Honor, the witness is available for cross-examination.
16 17 18 19 20 21 22 23	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is being prepared by the CPUC court reporter? A No, I do not. MS. PATEL: Your Honor, the witness is available for cross-examination. ALJ HECHT: All right. I want to thank
16 17 18 19 20 21 22 23 24	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is being prepared by the CPUC court reporter? A No, I do not. MS. PATEL: Your Honor, the witness is available for cross-examination. ALJ HECHT: All right. I want to thank you for your patience, Mr. Schwecke, and we
16 17 18 19 20 21 22 23 24 25	do not consent to such a recording. Do you consent to being recorded by anyone separate from the transcript that is being prepared by the CPUC court reporter? A No, I do not. MS. PATEL: Your Honor, the witness is available for cross-examination. ALJ HECHT: All right. I want to thank you for your patience, Mr. Schwecke, and we will turn to Mr. Gruen for cross-examination.

CROSS-EXAMINATION
BY MR. GRUEN:
Q And Mr. Schwecke, I'd like to echo
her Honor's sentiments, and thank you for
your patience, as well. We certainly
appreciate that, and good morning to you.
A Good morning.
Q Mr. Schwecke, my name is Darryl
Gruen, and I'm an attorney on behalf of the
Safety and Enforcement Division in this
proceeding, and I have a few introductory
questions to follow up on the direct that
Ms. Patel did. So with that, I I'll just
start.
Are you alone?
A Yes, I am.
Q Okay. And are you able to
communicate separately or privately with
anyone while you communicate through the
Webex connection you have to the hearings
here today?
A No, I am not.
Q Okay. Do you consent to allow
anyone to record or in any way transcribe
your testimony in this proceeding?
A No, I do not.
Q Okay. And let me just clarify.
Except for the court reporter that

has been authorized by the California Public 1 2. Utilities Commission, do you -- do you consent to the court reporters authorized by 3 the PUC to transcribe what's said here today? 4 Yes, I do. 5 Α Okay. If I press your memory, 6 7 please feel free to say that you don't recall. If you don't know, please let me 8 9 know, and I'll take that, and move on. Do 10 you understand? 11 A Yes, I do. Okay. And when we talk about Blade 12 today -- just a couple of term -- terms, if 13 we could establish a common understanding. 14 15 When we talk about Blade today, can 16 we agree we're referring to Blade Energy 17 Partners? 18 A Yes, we can. Okay. And when we talk about the 19 20 Aliso Canyon facility, or Aliso, can we agree 21 we are talking about SoCalGas' Aliso Canyon 22 natural gas storage facility? 23 I can't hear. When you said, "term," we're talking about the SoCalGas 24 25 Aliso Canyon storage facility? 26 Oh, sure. I'll restate. 27 When we talk about Aliso Canyon 28 facility, or Aliso, can we agree we are

talking about SoCalGas Aliso Canyon natural 1 2. gas storage facility? 3 Yes, we can. Thank you. And when we use the 4 0 5 term root cause analysis, or RCA, can we 6 agree that refers to Blade's root cause 7 analysis and supplemental reports issued in May 2019? 8 9 Yes, we can. 10 Okay. And use of the term -- can 0 11 we agree that use of the term SS-25 refers to 12 Standard Sesnon 25 well at the Aliso Canyon facility? 13 14 Α Yes, we can. 15 0 Thank you. And can we agree that 16 the term SSSV stands for subsurface safety 17 valves? 18 Α Yes, we can. 19 Thank you. And use of the Okay. 2.0 term incident -- can we agree that that 21 refers to the release of gas from the SS-25 22 facility that was discovered beginning 2.3 October 23rd, 2015? 24 Can I ask a question? Are you only 25 talking about the release of gas or the 26 entire incident that occurred during that 27 period of time, and all activity? I appreciate the clarification. 2.8 Q

Let's go with your -- your understanding. 1 2. Would that be -- the understanding you've just stated, would that be adequate --3 an adequate understanding to define the term 4 incident as we use it moving forward? 5 Yes, it would. 6 Α 7 0 Okay. And if we use the term, DOGGR, or D-O-G-G-R, or CalGEM, can we 8 understand that that refers to the Division 9 of Oil & Gas and Geothermal Resources that 10 11 existed prior to the name change of CalGEM? 12 Yes, we can. Thank you. And CPUC, you 13 0 14 understand that refers to the California Public Utilities Commission? 15 16 Α Yes. Okay. Great. Okay. Let's turn, 17 0 18 if we could -- thank you, Mr. Schwecke -- if we could, to your opening testimony, Exhibit 19 SoCalGas-02. And bear with me a moment. 2.0 21 just adjusting my screen so I can see it, as 22 well. And the page -- and you see here the 23 cover page, SoCalGas-02, Prepared Opening Testimony of Rodger Schwecke, November 22nd, 24 2019, and if we turn to the page that is 25 26 identified in your testimony as page 19, 27 which should have the Bates number SoCalGas-2.0021, and do you see the Bates 2.8

stamp there, and page 19, and if we scroll 1 2. back up to lines 4 and 5 of that page, you state there that you are the senior vice 3 president of gas operations and construction 4 for Southern California Gas Company and San 5 Diego Gas & Electric Company. 6 7 Do you see that? Yes, I see that. 8 Α 9 Okay. So you are an officer for 10 so -- Southern California Gas Company and 11 San -- San Diego Gas & Electric Company. Is 12 that right? That is correct. And I would like 13 A to mention, I -- I referenced in my 14 opening -- my title has changed, but at the 15 16 time this was submitted, this was my title. 17 Understood. Thank you. 0 18 Are you still currently an officer for Southern California Gas Company and San 19 20 Diego Gas & Electric Company? 21 Α Yes, I am. 22 Okay. And your testimony here says 23 that you're responsible for seeing over all 24 gas system operations and construction projects, on lines 5 and 6 there. Is that 25 26 correct? 27 That is correct. Α 2.8 Q And you served as the incident

operations commander leading efforts 1 2. surrounding the Aliso Canyon SS-25 gas leak, on lines 6 and 7. Correct? 3 Α Yes, I see that. 4 Okay. So your duties included 5 overseeing the Aliso Canyon facility's 6 7 compliance with all directives of DOGGR and CPUC, as you state on lines 7 through 9. 8 9 Correct? That is correct. 10 Δ 11 0 And other than overseeing the Aliso Canyon facility's compliance with directives 12 of DOGGR and the CPUC, what exactly was your 13 role as the incident operations commander 14 15 leading efforts surrounding the Aliso Canyon 16 SS-25 leak? 17 Well, my role varied over time. Α 18 When I reported to the facility, I was 19 working in the communications section to 2.0 assist in our communications group in translating the technical information that 21 was coming from the operations side. 22 2.3 Sometime around November 14th, I 24 then moved to deputy operations chief, 25 reporting to Bret Lane, and from that point 26 forward worked on the specific well site 27 issues and -- in an attempt to kill the well throughout that entire period of time. 2.8

1	There were other times during the
2	period that I would flex back down to the
3	incident command. As we went to a unified
4	command, there was some roles and
5	responsibilities there.
6	But, starting at around the 14th of
7	November, I was basically the primary
8	function was the deputy operations chief.
9	Then, after the leak, it was to support the
10	efforts of of Blade Energy Partners in
11	their root cause analysis, and I was on-site
12	in supporting their efforts as they did their
13	root cause analysis.
14	Q Thank you, Mr. Schwecke.
15	Understood. Thank you.
16	Just to clarify in that
17	description, did you have a role in the
18	actual operations related to the killing of
19	well SS-25?
20	A The entire operations, yes.
21	Q Okay. And did you have a role in
22	the I'm sorry.
23	Let me just ask you: To your
24	understanding, which personnel from SoCalGas
25	served in the role of directly overseeing
26	field operations related to the killing of
27	well SS-25?
28	A The operations chief was Bret Lane,

and the well kill operations reported up 1 2 through him as part of the incident command 3 structure that was established in responding to the incident. 4 Okay. And if -- if you can help me 5 understand, what was your relationship to 6 7 Mr. Lane related to the oversight and field operations and the killing of west -- well 8 9 SS-25? I was Mr. Lane's -- and I'll use 10 Δ 11 the term right-hand man in support of the 12 efforts reporting to him. So I was basically second in command of that section of the 13 14 incident command structure. 15 Okay. And as incident operations 16 commander leading efforts surrounding the 17 Aliso Canyon SS-25 gas leak, what was your working definition of the term operations as 18 it related to the killing of well SS-25? 19 2.0 Oh, that is a very broad term, 21 because when you look at operations of killing the well, it goes from -- all the way 22 23 from planning to acquiring materials to acquiring contractors to mobilizing the 24 25 logistics and mobilizing, ensuring the -- the safety of the site, ensuring that we 26 27 basically maintained compliance with any 28 requirements that we had from agencies such

as CPUC, DOGGR, OSHA, and any other parties 1 that wanted us to maintain. So from that 2. standpoint, then, also up through and the 3 actual execution of kill jobs, but then in 4 the planning and making sure the site was 5 6 safe and doing all the additional things that 7 we had to do throughout the entire event. Understood. Thank you, 8 Mr. Schwecke. 9 And so is that the same definition 10 11 of the term operations as you use it elsewhere in -- under your witness 12 qualifications of testimony? 13 Generally, when you talk about the 14 incident, once you transition to the RCA, 15 16 obviously, there were no well kill opportunity that were -- operations, but it 17 18 really is support of the efforts. When you say, "operations, incident operations," it's 19 20 support of anything that occurs on the site, 21 on the field, with respect to the activities 22 going on. 23 Q Okay. Thank you, Mr. Schwecke. Turn -- if we look down on this 24 same page from lines 10 to 11, you indicate 25 here that you served as senior vice president 26 27 of gas transmission and storage from October of 2017 to April of 19 -- 2019. Do you see 28

1	where I'm looking?
2	A Yes, I do.
3	Q Okay. In that role, you were
4	responsible for overseeing transmission and
5	storage operations. Is that correct?
6	A That is correct.
7	Q Okay. And in that role, were you
8	responsible for operations related to the
9	killing of SoCalGas wells?
LO	A If you're referring to killing of
11	SoCalGas wells beyond the incident, since
12	this started in 2017, that was within storage
L3	operations.
L4	Q Okay. So that was part of your
15	role, then, as well?
16	A It was within the organization that
L7	I oversaw.
18	Q Okay. And did that role include
19	responsibilities related to the maintenance
20	of SoCalGas wells?
21	A The maintenance of SoCalGas storage
22	wells along with the transmission pipeline
23	was within the organization that I led.
24	Q Okay. So would you briefly
25	describe your role with relation to the
26	responsibilities for the operations related
27	to the killing of SoCalGas wells and
28	responsibilities related to maintenance of

SoCalGas wells specifically at Aliso? 1 2. Well, you know, as senior vice president of gas transmission and storage, we 3 also have our vice president of transmission 4 and storage, and then down through the 5 organization you have directors and managers 6 7 down to field engineers, based on the policies and procedures we have in place to 8 kill those wells. So mine is a -- a fairly 9 high-level oversight of those activities, 10 11 ensuring they're following policies and procedures as it flows up through the 12 commun- -- the chain of command, through 13 their managers, through their directors, 14 15 through the vice president and to the senior 16 vice president and myself. 17 Okay. And did your role here that 18 we're talk -- still on the senior vice president of gas transmission and storage 19 2.0 that we see on lines 10 to 11, did this role 21 include routine -- both routine and emergency killing of wells? 22 2.3 Well, I -- I don't know what your 24 distinction is between routine and emergency. 25 We had a well kill procedure that was used to kill wells that was used in either case. 26 27 Okav. Okay. It was used for both cases. Fair enough. Okay. 2.8

What about your role as senior vice 1 2 president of gas transmission, storage and systems operator from March of -- to October 3 of 2017? And here, I'm just moving down to 4 line 12 of your -- on the same page of 5 6 testimony. 7 During that time, did you participate in any way in operations related 8 9 to the killing of SoCalGas wells? 10 A I -- I think my response to that 11 question is the same it was with regard to the prior role of senior vice president of 12 gas transmission and storage. The role did 13 not change much for that period of time. 14 15 Okay. How about in your role from 16 2012 to 2016, if we scroll down to line 15 of the same page, beginning there? So your role 17 18 from -- I'm sorry. Line -- yeah, line 16. From 2012 to 2016 as vice president 19 of customer solutions, did you have duties 20 21 that related in any way to SoCalGas natural 22 gas storage during your tenure in that role? 2.3 A No, I did not. Okay. And scrolling down to 24 Q line 20, where you discuss -- beginning 25 26 there, where you discuss -- you say from 2010 27 to 2012, as director of storage managing underground storage field operations that 28

support the daily and seasonal operational 1 2 flexibility for the gas transmission and distribution system for SoCalGas -- is that a 3 reliability-related position, then? 4 The director of storage 5 No. manages all the underground storage field 6 7 operations. So from that standpoint, the support that the storage fields provide is 8 9 for that daily and seasonal operational flexibility of gas transmission distribution 10 11 system. Director of storage is the next 12 level down in managing the actual operations of the storage fields. 13 14 Okay. Okay. And is that role 15 related to killing -- the killing of SoCalGas 16 wells? As I mentioned before, the director 17 A 18 of storage and managing underground storage is, you know, the support of the individuals, 19 20 whether it's the managers or field engineers, that execute well kill operations in 21 accordance with our standard policy and 22 23 procedures around well kills. I see. So when you mention that --24 Q 25 that director of storage, you were referring to the -- the same role that you're 26 27 describing here in -- starting at line 20, then. I think I'm tracking you now. Am I --2.8

```
am I getting that right?
 1
 2.
              Yes.
                    The director of storage is --
    as stated in my testimony, manages the
 3
    underground storage field operations, which
 4
    include, as you mentioned, well kill
 5
 6
    operations, if needed.
 7
              Okay. Let's go from -- continue --
    continuing on down, I believe, from --
 8
 9
    starting at line 22, "Prior to that position,
10
    I was director of energy markets and capacity
11
    products from 2007 to 2010."
12
              Do you see -- do you see that?
13
          Α
              Yes, I do.
              As director of that -- of energy
14
    markets and capacity products, then, did that
15
16
    experience relate to killing SoCalGas wells?
17
          A
              No, it did not.
18
              During that time, did you work on
          0
    budgets related to Aliso?
19
2.0
          А
              No, I did not.
21
              Okay. And prior to 2007, then, did
22
    any of your roles include duties where you
23
    participated in the operations of killing
24
    SoCalGas natural gas storage wells?
25
              No, I did not.
          Α
26
              Okay. Did you -- have you worked
27
    on any rate cases, general rate cases?
2.8
              Yes, I have.
          Α
```

And specifically, prior to 2007? 1 0 Yes, I believe so. 2. Α If you can give an estimate, 3 Q Okay. in -- in your career, Mr. Schwecke, how many 4 actual operations of well kills have you 5 participated in, approximately? 6 7 Well, I participated in all the well kills associated with SS-25. Prior to 8 9 that, the well kill operations were managed 10 at the local level at each of the storage 11 fields in accordance with our policies and 12 procedures. 13 Okay. So how many actual operations of well kills prior to the SS-25 14 one have -- approximately, have you 15 16 participated in? 17 Can -- can you expand on what you 18 mean, participated in? Have a role in in any fashion. 19 2.0 Well, as director of underground 21 storage, you -- you have a role in looking at those as far as the policies and procedures. 22 23 So if you use that as the definition, participate in, I couldn't venture how many 24 times we killed wells from the period of 2010 25 26 to 2012. 27 Okay. And let me ask it this way: 2.8 Did you have -- how many times did you have a

role where you've had comparable duties to 1 2. the duties that you had as incident operations commander for well SS-25, 3 approximately? 4 Well, if you were to look at it as 5 6 far as on-site well kill activity, I can't 7 recall any time prior to the SS-25 incident where I had that on-site activity. 8 9 Okay. And as the incident operations commander leading efforts 10 11 surrounding the Aliso Canyon SS-25 gas leak, 12 are you here, then, today to answer SED's questions related to Southern California Gas 13 Company's oversight of the kill attempts of 14 well SS-25? 15 16 Not knowing which questions you're going to ask, I believe I can answer the 17 18 questions with regard to the oversight of the well site activities and kill attempts at 19 2.0 SS-25. 21 Good -- good enough. Thank you, Mr. Schwecke. 22 23 And let -- let me ask this, too: 24 Is it accurate to say that you're also 25 responsible for testifying on SoCalGas' 26 behalf about the oversight SoCalGas provided 27 over Boots & Coots' role for killing well 2.8 SS-25?

Α 1 Yes. 2 Understood. Mr. -- if I Okay. could turn to a slightly different line, just 3 about Boots & Coots' role, then. 4 Mr. Schwecke, are you aware that 5 Mr. Walzel, Mr. Daniel Walzel of Boots & 6 7 Coots, has testified that Boots & Coots performed transient kill modeling prior to 8 9 kill attempt number seven, but that Boots & 10 Coots does not have the transient modeling 11 records related to its SS-25 kill attempts, 12 because Mr. Walzel's laptop containing all the transient modeling was stolen? 13 14 A I am familiar with that description 15 that you put together. 16 Thank you. And the only Okay. evidence SoCalGas has produced that Boots & 17 18 Coots conducted transient modeling prior to kill attempt number seven is what they say in 19 their testimony. Is that correct? 20 21 Who are you referring to when you say, "they say"? 22 2.3 Boots & Coots. Q Well, I believe we have testimony 24 25 under oath by Danny Walzel test -- testifying 26 that he did transient modeling after the --27 what I believe is the third well kill 28 attempt.

Okay. But, SoCalGas -- and both 1 0 2 SoCalGas and Boots & Coots have not produced any evidence that show -- not the words, but 3 the showing that any transient kill modeling 4 was performed prior to kill attempt number 5 Is that correct? 6 seven. 7 I'm not aware of any documents that were produced. 8 9 And no -- and the -- the 10 modeling -- the actual models, the model 11 results, those weren't produced, either. Correct? 12 Well, I think when you look at the 13 model results, those were the kill plans that 14 were -- that were prepared and submitted. 15 16 we did see the results of the modeling, because what comes out of that is a kill plan 17 18 that has been executed upon. So when you say, "results of the modeling," I think we 19 did see copies, and I believe we provided 20 21 copies to SED. Okay. Were you surprised to learn 22 2.3 that Mr. Walzel's laptop files related to well kill attempts and modeling were not 24 saved anywhere else, and were not given to 25 26 anyone else? 27 I don't have an opinion on that. 2.8 MR. GRUEN: Okay. Let's open Exhibit

SED-215, if we can, and if we could scroll 1 2. down, and if we go to -- just if I could read this, this is Ms. Felts' -- could you scroll 3 back up again so I can read -- the Prepared 4 Sur-Reply Testimony of Margaret Felts, 5 Supporting Attachments, Chapters 1 through 9, 6 7 and if we go to SED sur-reply there, the -the Bates stamp -- the page with the Bates 8 9 stamp, excuse me, SED sur-reply 001668, and 10 there's the Bates stamp there, and if we stay 11 on that page, if we could scroll to the top 12 of that page, then, just to read into the record, I'll -- I'll -- oh, that's the top. 13 14 There we go. 15 Mr. Schwecke, are you familiar with 16 this data response that is part of SoCalGas 17 data response to SED data request 57 dated 18 March 26th, 2020? Yeah, I've seen a copy of this data 19 20 response. 21 Okay. And let's go down to 22 question 11, if we can, and there, it 23 states -- the question states: Given that SoCalGas must comply with the safety 24 requirements of California Public Utilities 25 Code Section 451, please answer the 26 27 following: 2.8 And "A" says, "Does SoCalGas find

it acceptable the assertion in Mr. Walzel's 1 testimony that Mr. Walzel's transient 2. modeling was not saved anywhere else, nor was 3 it sent anywhere else?" 4 And "B" says, "Does SoCalGas take 5 6 the position that it was appropriate for 7 transient modeling of the SS-25 well kill attempts to not have been saved anywhere else 8 9 than Mr. Walzel's laptop, and not to have 10 been sent to anyone else?" 11 Do you see that? 12 Α Yes, I see those questions. Okay. And if we scroll to the 13 14 response on this page, in the following page, as well, if we could scroll down to the next 15 16 page, as well, do you see that SoCalGas provides objections, but not a substantive 17 18 answer to those questions? Well, I see where SoCalGas objects 19 20 to the questions. 21 Okay. Do you see any -- any direct answer to the questions in -- in either of 22 23 1 those responses? 24 MS. PATEL: Objection, your Honor. The 25 document speaks for itself. 26 BY MR. GRUEN: 27 Well, let me rephrase. I'll just 2.8 ask this. Let me ask directly.

1	With regards to the sentence in Mr.
2	Walzel's testimony that, quote:
3	Mr. Walzel's transient modeling
4	was not saved anywhere else, nor
5	was it sent to anyone else.
6	Let's assume for the sake of
7	discussion that Mr. Walzel's entire statement
8	is true.
9	SoCalGas does not take the position
10	that it was appropriate for Mr. Walzel's
11	alleged transient modeling to not be saved
12	anywhere else and to not be sent anywhere
13	else, does it?
14	A I don't necessarily agree with that
15	statement, if I understand you correctly.
16	Because I think you said, "not appropriate."
17	And I can't really opine on the record
18	practices and operational practices of Boots
19	and Coots, during a well kill operation, what
20	they do with their transient model. I mean,
21	you're talking about the a very fluid
22	situation that's dealing with on a day-to-day
23	basis. What comes out of the model is the
24	critical aspects with regard to the well
25	kill; and that is the kill plan.
26	Q Okay. You would agree that
27	SoCalGas contractors who are involved in
28	safety-related issues, such as the killing of

well SS-25, be held accountable for their 1 work, for their decisions related to that 2 work, and for the care they take related to 3 that work, would you not? 4 I don't necessarily agree with that 5 statement. I believe that SoCalGas takes the 6 7 responsibility for its contractor's action. And I think SED holds us accountable for our 8 9 contractor's actions. In addition, any 10 requirement that we have with those contracts 11 would be placed in the contractual 12 arrangement we have with them. So I don't think that quite matches your statement. 13 Okay. So I think, Mr. Schwecke, 14 your testimony shows that you have multiple 15 16 experiences as a SoCalGas manager, as we discussed earlier; is that correct? 17 18 A That is correct. Have you signed contracts on behalf 19 2.0 of SoCalGas, hiring contractors before the 21 incident? 22 Yes, I have. 2.3 In signing those contracts, did it 24 matter to you that a contractor would handle 25 their work safely? Absolutely. I think that's 26 27 foundational for SoCalGas as who we are with respect to safety. Because safety is 28

paramount in any of our operations, whether 1 2. it's a well kill operation or construction of a distribution pipeline. We hold our 3 contractors accountable. Ultimately, though, 4 the contractor -- we are accountable for the 5 6 contractor's actions. But they follow our 7 policies and procedures and our directions to perform the work safely and at the quality 8 level that we expect. 9 10 Okay. Let's stay within the same 11 document in SED-215 and SoCalGas response to 12 SED's Data Request 57, and move to question 13 21 on the page with Bates stamp that ends in -001673. I think it's a couple pages down, 14 if we could get to question 21. 15 16 MS. PATEL: I believe this was a question that was not identified by SED in 17 18 advance; and so if you could just give us 19 some time to review the document and prepare, 20 that would be helpful. MR. GRUEN: Under -- understood. We 21 can do that. We'll just flag it for the 22 2.3 record. So this is Bates stamp 24 0 25 SED surreply 001673. And do you see for the 26 record there -- I'll give you -- per the 27 request of your counsel, I'll give you a 28 moment if you want to review. We're going to

1	ask about question 21:
2	Did SoCalGas authorize the use of
3	Mr. Walzel's transient models for
4	each of the well kill attempts?
5	And take your time if you want to
6	review that, Mr. Schwecke. And let me know
7	when you're ready.
8	ALJ HECHT: We'll be off the record.
9	(Off the record.)
10	ALJ HECHT: We'll be back on the
11	record.
12	Please go ahead.
13	MR. GRUEN: Thank you.
14	Q Okay. So we read the Question 21
15	of Data Request 57. And so we just gave you
16	a moment to review the question.
17	And looking at the last three lines
18	of SoCalGas response to Question 21, it
19	states:
20	The transient modeling helped
21	inform the kill plans prepared by
22	Boots and Coots. SoCalGas
23	approved the kill plans that were
24	prepared by Boots and Coots and
~ -	
25	ultimately used to implement each
26	ultimately used to implement each top kill attempt.

So, Mr. Schwecke, I -- the 1 0 Okav. 2 data response really doesn't answer the So I'm going to ask -- I'm going 3 question. to assume, for purposes of this cross, and 4 ask you to confirm that SoCalGas did not 5 6 explicitly authorize the use of Mr. Walzel's 7 alleged transient models for preparation for well kill attempts 2 through 6. 8 9 Is my assumptions correct? 10 A No, your assumption is not correct. 11 Q Okay. Let me ask you, did you ever see 12 13 Mr. Walzel's alleged transient modeling for well kill attempts on well SS-25 prior to his 14 use of them? 15 16 I don't really understand your question when you say, "Prior to his use of 17 18 them." And maybe I can add, for the judges, 19 some context. Because each and every day after a kill job, Danny Walzel would 20 basically perform his modeling efforts in 21 communication with Houston the Halliburton 22 23 office. And they would run transient models. 24 And the transient model they use is why you bring in an expert like Boots and 25 26 Coots; because they have that capability to run that transient model. When you have 27 28 that, and you get the output of what the

potential kill opportunity is and the kill 1 plan, that then is presented to SoCalGas. SoCalGas will talk with Boots and Coots and 3 others within SoCalGas on that kill plan, and 4 5 ultimately approve the kill plan that was to 6 be executed on the day it was intended to be 7 executed. Mr. Schwecke, I appreciate that 8 9 answer; but that wasn't the question. The question was -- and let me shorten it. 10 11 appreciate the confusion. I'll shorten it 12 for you. 13 Did you ever see Mr. Walzel's 14 alleged transient modeling for well kills on 15 SS-25? 16 As I mentioned before, I saw the Α output of those transient models, which is 17 18 the results. But not the models themselves? 19 Well, the model itself is a 2.0 computer software program. So whether you 21 22 see -- whether you can see that modeling 23 software, I don't necessarily know whether 24 you can actually see it. You see the outputs 25 that come from it. You go based on the 26 assumptions that were put into it, which is 27 the results of the prior kill job, and what

are the current circumstances. That's the

2.8

assumptions that are put into the model. 1 So 2 seeing the model, it's hard for me to understand your question, Mr. Gruen. 3 Okay. Did you see the model 4 results then prior to the execution of the 5 6 well kill attempts that the models were used 7 for? Yes, I did. 8 9 Okay. I would assume that SoCalGas provided data to Boots and Coots related to 10 11 the well kill attempts. Is this assumption correct? 12 Yes. SoCalGas would provide all 13 the data that Boots and Coots needed to run 14 their transient models in preparation of kill 15 16 jobs. Okay. Let me back up on the model. 17 0 18 Did you see the inputs to the model -- each transient model each day? 19 Well, I think the inputs are part 2.0 21 of the discussion that occurs on -- if you take an example going from well kill 2 to 3 22 23 or 3 to 4, you would look at the circumstances of what happened on the prior 24 25 kill job, which included where the well is 26 today, which assumes the -- the condition of 27 the well, the reservoir pressures, what 28 happened in the last kill job as far as

observations; so all that information was 1 2 discussed with Boots and Coots, discussed with our operations team, with Mr. Lane, 3 myself, and others, as to what was going to 4 be used for the transient model. 5 Okay. Let's just ask, if you could 6 7 state -- do you recall the dates when Boots and Coots attempted to top kill well SS-25? 8 9 For those that I was onsite, yes. 10 0 Which dates were those that you --11 which you were onsite? I believe there would have been a 12 well kill attempt on November 15th and 13 beyond. Those would be where I was actually 14 15 in the operations section. I was at the 16 Aliso Canyon facility during well kill attempt on November 13th and observed some of 17 18 the results from a distance below the well. Okay. Do you know which Boots and 19 2.0 Coots employee prepared modeling in 21 connection with the seventh top kill attempt that was attempted on SS-25? 22 23 My understanding, it was -- and, A jeez, I'll butcher his name. It was Arash 24 25 from Halliburton. I won't even attempt to 26 pronounce his last name. I'm sorry. 27 And I'll do my best for the record, Mr. Schwecke, my efforts might not be much 2.8

better than yours. But I'll attempt to spell 1 his name for the record and see if you could confirm it. 3 It was Dr. Arash, and his last name 4 5 was Haghshenas, H-a-q-h-s-h-e-n-a-s. Am I spelling it correctly? 6 7 Α I don't have it in front of me; but I'll take your word for it, Mr. Gruen. 8 9 That's my best effort to spell his name from memory. So, I could be mistaken; 10 11 but if you'll accept that spelling subject to 12 check, then we can move on. ALJ HECHT: It looks like Mr. Stoddard 13 wants to interject, perhaps with the 14 spelling? 15 16 MR. STODDARD: Sorry, your Honor, no. There's a technical issue I just want to 17 18 confirm. Ms. Patel was getting bounced in and 19 So she wasn't able to be heard. I 2.0 21 don't know whether she is right now; but I want to make sure -- it sounded like there 22 might have been some back and forth with the 23 24 Commission's IT folks. 25 ALJ HECHT: All right. 26 MS. PATEL: Can you hear me now? 27 ALJ HECHT: Yes, I can --2.8 MS. PATEL: I cut out. I got dropped

from the audio. And then I came back and 1 2 then apparently was not actually admitted into the conference as a speaker. And then I 3 was cut out again after I should be a 4 So I've missed a sizeable chunk. 5 speaker. ALJ HECHT: All right. 6 I apologize. Ι did see your mouth moving. And I did not 7 assume that you were trying get our attention 8 here. So we'll be off the record. 9 (Off the record.) 10 ALJ HECHT: We'll be back on the 11 record. While we were off the record, we 12 established, unfortunately, that Ms. Patel 13 lost audio connectivity on and off for, we're 14 estimating, something like 10 questions 15 16 there. What we have decide to do, with all parties' approval, is to move forward with 17 18 the end of this line of questioning, and Ms. Patel and her witness can catch up over 19 lunch. And after lunch, we can the determine 2.0 21 whether there's anything that we need to do that Ms. Patel would have addressed or would 22 have needed, had she been able the 23 participate there. 24 25 I apologize for the technical 26 And I think we should pick back up 27 now. 2.8 Mr. Gruen -- you are muted, Mr.

```
Gruen. Please unmute and proceed.
 1
                      Pardon me, your Honor.
 2.
          MR. GRUEN:
    Thank you. Out of an abundance of caution, I
 3
    appreciate that.
 4
              I just want to be sure that -- I may
 5
 6
    have slightly lost my place with this, so if
 7
    I'm repeating questions, bear with me. But
    I'll try to move on.
 8
 9
              So, as I understood, Mr. Schwecke,
    just to pick up, it was Dr. Arash Haghshenas,
10
11
    subject to check, is the spelling of his last
12
    name, who prepared modeling with the seventh
13
    top kill attempt attempted on well SS-25.
              Did I understood your answer
14
    correctly?
15
16
              That's my understanding.
          Α
17
          0
              Okav.
                     Thank you.
18
              And when did SoCalGas become aware
    of -- I'll do my best to pronounce his name,
19
    and pardon me if I'm mispronouncing it.
20
              When did SoCalGas first become
21
22
    aware of Dr. Haghshenas alledgedly doing
23
    transient modeling for top kill attempt
    number seven on well SS-25?
24
25
              Well, I don't know if it was
26
    alledgedly. I think we were in communication
    with Boots and Coots, who was in
27
    communication with Halliburton. And the
2.8
```

information in discussion with Dr. Arash --1 Dr. K, as -- Dr. H, or whatever you want to 2 use the term --3 4 0 Okav. But he was participating in the 5 transient models that were being done for 6 7 well kill number seven. Okay. So -- do you know when 8 9 SoCalGas first became aware of Boots and 10 Coots allegedly doing that transient modeling? 11 Which transient modeling are you 12 Α referring to that --13 14 0 Yeah. 15 The one that -- I think it was A 16 obviously sometime after the sixth well kill attempt on November 25th. I can't say when 17 18 the specific date was. Okay. And you don't know for 19 20 certain when it was; is that right? I can't -- I do not know when that 21 22 specific date was. 2.3 Okay. So when you say you think it was after the sixth well kill attempt, you're 24 25 not sure if it was before the seventh as 26 well; is that right? 27 Well, I'm absolutely sure it was before the seventh. The conversations with 2.8

others from Halliburton that were onsite, 1 like Jim LaGrone, was in discussions -- we 2. were talking about the capabilities of this 3 individual and him participating in the 4 development of the will kill for number 5 6 seven. 7 Bear with me a moment. Your Honor, can we go off the 8 9 record for a moment? 10 ALJ HECHT: Yes. We'll be off the 11 record. (Off the record.) 12 ALJ HECHT: We'll be back on the 13 14 record. 15 Please proceed, Mr. Gruen. 16 BY MR. GRUEN: Okay. If we could turn to Question 17 0 2 of Data Response 57 in Exhibit SED-215. 18 19 And there the Bates number -- yeah. 20 ahead. Thank you, Ms. Purchia. 21 And if we scroll down, the Bates 22 number, just for reference, is 23 SED surreply 001665. And if we scroll up to Question 2 on the same -- the Bates 24 number page ending -001664 is the Bates 25 26 number. Ouestion 2 starts there and 27 continues on to the next page. 2.8 And we see there it starts, "Please

```
refer to, " -- it starts by quoting, if we
 1
    scroll up a little bit further, right before
    it -- if we could scroll up just slightly?
 3
          MS. PATEL: And I'll make the same
 4
    request that I did previously since it was
 5
    not identified specifically yesterday, if you
 6
 7
    would give us some time to review it.
          ALJ HECHT: All right. We'll be off
 8
 9
    the record.
              (Off the record.)
10
11
          ALJ HECHT: We'll be back on the
12
    record.
13
              Please proceed, Mr. Gruen.
14
          MR. GRUEN: Thank you.
15
              So if we go to Question 2, it says:
16
                Please refer to the following
17
                passages --
18
              Starting at the beginning of the
19
    question:
                Please refer to the following
2.0
21
                passages in the Chapter 4 reply
22
                testimony, page 3 to answer the
23
                rest of the questions in this data
24
                request, except for Question 32
25
                and 33.
26
              The first question -- and this is
27
    quoting from Chapter 4 of the reply testimony
2.8
    now.
```

1	Question:
2	Did Boots and Coots perform
3	transient kill meddling prior to
4	kill attempt number seven?
5	And if we scroll to the next page,
6	you'll see the answer, again, from testimony:
7	Yes. Boots and Coots performed
8	transient kill modeling before
9	kill attempt number seven, after
10	Boots and Coots attempted its
11	second well kill attempt on
12	November 15, 2015, and reports
13	well kill attempt on November 18
14	2015, and for additional kill
15	attempts thereafter, Boots and
16	Coots performed transient
17	modeling.
18	Question continuing on with
19	testimony:
20	Does Boots and Coots have the
21	transient modeling reference
22	related to its SS-25 kill
23	attempts?
24	Answer:
25	Only for the December 22, 2015
26	well kill. Danny Walzel had
27	conducted the transient modeling
28	for well kill prior to December

1	22, 2015, however the transient
2	modeling was done on his laptop.
3	This laptop was stolen from him,
4	along with other personal items.
5	In late December 2015, Mr. Walzel
6	reported the theft to the police.
7	Mr. Walzel's transient modeling
8	was not saved anywhere else, nor
9	was it sent to anyone else.
10	Do you see that?
11	A I see those things.
12	Q Okay. And then it says:
13	With these passages in mind,
14	please answer the following
15	questions, continuing down.
16	Response to after the
17	objections let's go to page to
18	excuse me to Question 4, with that
19	preamble in mind. And if you want to take a
20	moment, Mr. Schwecke, to read Question 4.
21	And let me know when you're ready.
22	ALJ HECHT: We'll be off the record.
23	(Off the record.)
24	ALJ HECHT: We'll be back on the
25	record.
26	Please proceed.
27	MR. GRUEN: Thank you, your Honor.
28	So Question 4 says:

1	Did SoCalGas disclose the
2	information in these passages to
3	Blade Energy Partners, or Blade,
4	during Blade's root cause
5	analysis?
6	And after the objections,
7	SoCalGas's response to Question 4 says:
8	Regarding the details described in
9	the testimony excerpted by SED in
10	the passage above, SoCalGas first
11	became aware of this information
12	cited in the excerpted passage on
13	February 21, 2020, after Blade
14	Energy Partners had issued its
15	root cause analysis report.
16	And, Mr. Schwecke, I need to
17	clarify this data response. It's my
18	understanding that SoCalGas has answered the
19	question, Question 4, here with a "no."
20	The answer is "no" to the question;
21	is that right?
22	A I think what our response is, we
23	first became aware of the information cited
24	in in Question Number 2, on February 21st,
25	2020.
26	Q Okay. Fair enough.
27	Your Honor, I have another line
28	that could take maybe ten minutes or so. So

I -- what we could do if your Honors like is 1 do that line and then break for lunch? ALJ HECHT: Are there any objections to 3 proceeding that way? 4 I do not want to continue longer if 5 6 Ms. Patel still feels at a disadvantage from 7 not having heard that earlier line. MS. PATEL: I'm fine proceeding, your 8 9 Honor. 10 ALJ HECHT: All right. Then we'll do 11 that. And we'll break for lunch after this 12 line, hopefully something like 12:10, give or 13 take. 14 MR. GRUEN: Understood. 15 ALJ HECHT: Please proceed. 16 Thank you, your Honor. MR. GRUEN: 17 Understood. 18 And, Ms. Patel, we appreciate your 19 indulgence. Thank you. At this point, I would like to 2.0 21 introduced Exhibit SED-258 if we could, 22 entitled "SoCalGas response to SED Data 23 Request 143," on the title page. And if we 24 go to the page with Bates stamp SED-258.001. 25 And there that's the page with the Bates 26 number that I just read -- question -- if we 27 go to the top of that -- just the top of the document there so Mr. Schwecke can see. 2.8

1	Q Mr. Schwecke, are you familiar with
2	this document as SoCalGas Response to SED
3	Data Request 143?
4	A I've seen the document.
5	Q Okay. And if we go back to
6	question the Bates numbers, let's turn to
7	Bates number your Honor, can we go off the
8	record a moment? I'm sorry.
9	ALJ HECHT: We'll be off the record.
10	(Off the record.)
11	ALJ HECHT: All right we'll be back on
12	the record.
13	BY MR. GRUEN:
14	Q Okay. And Question 1, were there
15	where it says Mr. Schwecke, if you're
16	there on the page we've just identified
17	SED_258001 Data Request 143, Question Set 1
18	says:
19	Please refer to the Bates numbers
20	AC_CPUC_DR_16_0043472 to _0043473.
21	And Question A says:
22	Confirm these Bates numbers are on
23	a letter from SoCalGas outside
24	counsel Latham and Watkins to
25	Boots and Coots that sates in
26	part:
27	As you know, Boots and Coots has
28	been retained to assist the

1	Southern California Gas Company in
2	its response to the gas leak at
3	one of its gas storage wells,
4	SS-25 located at the Aliso Canyon
5	storage facility. Because and
6	if we continue to the next page
7	the incident may lead to legal or
8	regulatory proceedings on behalf
9	of SoCalGas, we request that B&C,
10	take steps to preserve all
11	documents and other evidence that
12	relates to well SS-25 and to
13	SoCalGas and its consultants'
14	response to the leak.
15	Do you see that?
16	A I see that statement.
17	Q And B&C refers to Boots & Coots,
18	would you agree?
19	A I believe so, but I can only assume
20	that.
21	Q Okay. And Questions 1 do you
22	see Questions 1B through 1G asking questions
23	relating to whether SoCalGas communicated
24	with its own personnel to preserve all
25	evidence that relates to Well SS-25?
26	A Yes, I do.
27	Q Okay. In response to Questions 1B
28	through 1G, if you would go to the bottom

```
Again, this is SED-258.002 Bates
 1
    there.
    number.
              SoCalGas states it provides a group
 3
    -- a response to the entirety of 1B through
 4
 5
    1G there, and it states:
                SoCalGas' counsel has issued legal
 6
 7
                holds on or around November 6,
                2015 to relevant SoCalGas
 8
 9
                employees regarding preservation
10
                of documents and evidence relating
11
                to legal and regulatory
12
                proceedings arising from the SS-25
13
                leak.
              Do you see that?
14
15
              Yes, I do.
          A
16
              Mr. Schwecke, as Vice President --
    and do you agree that that answer is in
17
18
    answer to Questions B through G?
19
          MS. PATEL: I am going object. Again,
2.0
    this document speaks for itself.
21
          MR. GRUEN: Fair enough. I will move
22
    on.
23
              Mr. Schwecke, as Vice President of
          0
    Gas Operations and Construction for Southern
24
25
    California Gas Company and San Diego Gas &
26
    Electric Company as stated in your testimony,
27
    I recognize your role has changed, your title
2.8
    has changed, but having -- your testimony
```

having provided that, and as Incident 1 2 Operations Commandeer leading efforts surrounding the Aliso Canyon SS-25 gas leak, 3 I would assume that you were a relevant 4 SoCalGas employee, who received a legal hold 5 on or around November 6, 2015 from SoCalGas 6 7 counsel; is that correct? Absolutely. 8 Α 9 Do you expect SoCalGas employees to follow the instructions and the legal holds 10 11 that SoCalGas' counsel issued on November 6, 2015; is that right? 12 Yes, we did. 13 Α 14 In other words, you expect 15 employees to preserve documents and evidence 16 relating to legal and regulatory proceedings arising from the SS-25 leak in compliance 17 18 with the November 6, 2015 legal hold; is that 19 right? 2.0 Α Yes, we do. Mr. Schwecke, SoCalGas did not 21 ensure that its contract with Boots & Coots 22 23 preserved evidence to support its claim that it conducted transient kill modeling, prior 24 25 to kill attempt number seven; is that right? 26 I cannot -- I don't understand your 27 question. I can't speculate what was 2.8 communicated to Boots & Coots outside my

```
purview.
          MR. GRUEN: Understood.
2
 3
              Your Honor, at this point, we could
    take a lunch break, if your Honors would
    like.
 5
          ALJ HECHT: I think this is good timing
 6
    to do that.
7
              Judge Poirier, do you have anything
8
    else before we break?
9
10
          ALJ POIRIER: No. I am fine with
    breaking. Thank you.
11
12
          ALJ HECHT: Then we're going to take
    lunch until 1:15 and we will reassemble at
13
14
    1:15.
15
              Thank you all for your patience and
    I'm sorry about the technical difficulties.
16
17
    We'll be off the record.
              (Off the record.)
18
19
               (Whereupon, at the hour of 12:03
          p.m., a recess was taken until 1:15
20
          p.m.)
2.1
22
23
24
25
26
27
28
```

1	AFTERNOON SESSION - 1:15 P.M.
2	
3	* * * *
4	RODGER SCHWECKE,
5	resumed the stand and testified further as
6	follows:
7	
8	ALJ POIRIER: We'll be back on the
9	record. We are returning from a lunch break
10	at approximately 1:15.
11	While we were off the record,
12	Ms. Patel from SoCalGas indicated that we
13	don't need to undertake any further process,
14	due to the lost audio earlier. And also
15	Mr. Gruen of SED indicated that he wanted to
16	make a clarification regarding a Bates
17	numbering of an exhibit. So first, we'll
18	turn to Mr. Gruen to make that clarification.
19	MR. GRUEN: Thank you, your Honor.
20	Exhibit SED-258, which is SoCalGas Response
21	to Data Request 143, I understand I had
22	mistakenly read the Bates the incorrect
23	Bates number into the record.
24	The Bates numbers that we had
25	that are the correct markings of the pages we
26	were referencing are AC_CPUC_SED_0043472 to
27	0043473.
28	ALJ POIRIER: Thank you, Mr. Gruen.

Are there any other matters for clarification 1 2. before we recommence with the cross-examination? 3 4 (No response.) Looks like there are 5 ALJ POIRIER: So, Mr. Gruen, why don't you go ahead 6 7 and continue. MR. GRUEN: Thank you, your Honor. 8 9 CROSS-EXAMINATION RESUMED 10 BY MR. GRUEN: 11 Q Good afternoon, Mr. Schwecke. Good afternoon. 12 Α If we could turn to Exhibit 13 0 And this -- the title page says 14 SED-310. SED-310 SoCalGas Response to SED-120. And if 15 we could turn to the first page and I will go 16 to the top. 17 18 Mr. Schwecke, are you familiar with 19 SoCalGas Response to SED Data Request 120 and 2.0 that this is -- are you familiar with this 21 document as that data response? I have seen this document. 22 23 Thank you. Turning to the 0 Okay. 24 page of this data request with Bates stamp 310.002, and there's the Bates stamps there. 25 26 And if we go to Question 1, it says: Provide all recordings of 27 communications with 2.8

1			Dispatch, including radio
2			and phone recordings
3			related to the Message
4			Center Report (MCR) issued
5			on November 13, 2015, at
6			3:00 p.m., which states,
7			"During the repair process
8			to mitigate the leak at the
9			wellhead in Aliso Canyon,
10			oil was extracted and
11			vented into the
12			atmosphere."
13			Do you see that?
14		A	Yes, I do.
15		Q	And in response to that question,
16	after	the	objections, SoCalGas states:
17			SoCalGas searched through
18			recordings for the relevant
19			dispatchers for the period of
20			November 13, 2015 between 1:00 to
21			5:00 p.m. and was not able to
22			locate the recording.
23			Do you see that?
24		A	Can you point to it again?
25		Q	Sure.
26		A	Yes. I got it. Thank you.
27		\circ	Okay. And I want to be sure you're
		Q	oray. That wante to be bate you it

```
it to be sure that I read it right?
 1
 2
          Α
              I believe you did.
              Okay. Great. If we could turn to
 3
          Q
    Exhibit SED-322, and this is SoCalGas
 4
 5
    Response to SED Data Request 131 shown on the
    title, and if we could go to the first page
 6
 7
    at the top.
              Mr. Schwecke, are you familiar with
 8
 9
    this document as SoCalGas Response to SED
10
    Data Request 131?
11
          A
              I've seen this.
12
              Okay. Thank you. And if we go to
13
    the -- if we go to the bottom, the Bates
    number at the bottom just to read that into
14
    the record, the bottom of this first page,
15
16
    Bates numbers SED-322.001, and if we now go
    to the page with Bates stamp 322.011, and
17
18
    there is the page there, the Bates number.
19
    And if we go to Question 12. Scroll down
20
    slightly. Okay.
21
              So, here it says at the bottom --
22
    I'm sorry, Question 12D on this page, "Does
23
    SoCalGas make recordings of communications
24
    with Dispatch?" Do you see that?
25
              I see the question.
26
              Okay.
                     Turning to the next page,
27
    where we see the answer, the response to
28
    Question 12D, after the objection, it says,
```

1	"SoCalGas interprets this request to ask
2	whether SoCalGas records Dispatch
3	communications." And the answer is: "Yes."
4	Do you see that?
5	A I see that response.
6	Q Okay. And if we go back to
7	Exhibit 310 then, SED Data Response 120, and
8	on the Bates the page with Bates stamp
9	SED-310.003, there's the Bates stamps. And
10	if we go to Question 2 Question 2. Thank
11	you. It asks, "If SoCalGas possesses
12	transcripts of the recordings requested in
13	Question 1, as of the time it received this
14	data request, please provide them." Do you
15	see that?
16	A I see that question.
17	Q And in response, after the
18	objections, response to, there, it says on
19	the third line from the bottom:
20	Subject to and without waiving the
21	foregoing objection, SoCalGas
22	responds as follows: SoCalGas was
23	not able to locate a transcript.
24	Do you see that?
25	A Yes. I see that.
26	Q Okay. If you look directly above
27	Question 1, if we go to the page above it, so
28	can you scroll down to the next page. Just

1	orient myself that we're above Question 1.
2	Okay. Got you. So we go to okay.
3	So we look at the first part of it
4	and we say we see on SED-310.001 the text
5	message to which Ms. Felts refers is a
6	Message Center Report (MCR) issued on
7	November 13, 2015 at 3:00 p.m., which states,
8	quote:
9	During the repair process to
10	mitigate the leak at the wellhead
11	in Aliso Canyon, oil was extracted
12	turning to the next page oil
13	was extracted and vented into the
14	atmosphere. With these passages
15	in mind, please answer: (a)
16	Precisely how did Dispatch know to
17	state in the Message Center Report
18	that oil was extracted and vented
19	into the atmosphere?
20	Do you see that?
21	A I see that question.
22	Q And SoCalGas responded that it is
23	not currently able, quote, "not currently
24	able to pose this question to the
25	dispatcher." End quote.
26	Do you see that?
27	A I see that statement.
28	Q Why wasn't SoCalGas able to pose

```
SED's questions to the dispatcher?
 1
 2.
          MS. PATEL: Your Honor, I'm going
    object. This line of questioning clearly
 3
    relates to the testimony of Mr. La Fevers,
 4
    who already appeared for cross-examination.
 5
 6
          ALJ POIRIER: Mr. Gruen.
          MR. GRUEN: Your Honor, it doesn't go
 7
    directly to Mr. La Fevers' testimony.
 8
 9
    might say where we're going with this; first
10
    of all, Mr. La Fevers' testimony was very
    narrowly put, relating to November 13th only,
11
    but where this line is going is not
12
    necessarily just to the release of mist and
13
    oil into the atmosphere, but this is going to
14
    SoCalGas not providing SED the recordings
15
16
    that it said it kept. And we need to probe
    -- as an officer of the company, we need to
17
18
    probe Mr. Schwecke's knowledge as to why
    SoCalGas didn't turn over recordings it said
19
20
    it kept and turn over any other transcripts,
21
    in order to enable us to pursue the records
22
    that would have supported this violation.
2.3
    That is violations of 331. That's why we're
    asking that.
24
25
          MS. PATEL: Your Honor, again this
26
    clearly relates to the scope of
27
    Mr. La Fevers' testimony.
2.8
              And furthermore, I think that it's
```

adopting the broad scope that Mr. Gruen just 1 2 stated would allow Mr. Schwecke to be questioned about anything at all. 3 And I will also add that if they had 4 questions about this data request response, I 5 6 think the appropriate thing to do would have 7 been to meet and confer or maybe even file a motion to compel. I don't think now is the 8 9 time to ask a question about this. 10 ALJ POIRIER: I am going to overrule 11 the objection. We're going to move on. 12 the extent we have -- I am not going to rule on the broader question of other questions, 13 but as to this specific question, we're going 14 to allow the question. 15 16 Please continue. 17 MR. GRUEN: Thank you, your Honor. 18 If I may summarize these facts in the form of a question then: SoCalGas issued 19 a hold of evidence related to Well SS-25 on 2.0 or around November 6, 2015, but SoCalGas is 21 unable to find the recordings and the 22 23 transcripts from November 13, 2015, approximately one week after the legal hold 24 was issued, even though those recordings and 25 26 transcripts related to the Message Center 27 Reports stating the, quote, "oil was 2.8 extracted and vented into the atmosphere."

Is that right? 1 End quote. 2. That was a very long statement and it was very hard to follow. So, maybe if you 3 could break it up, it might help. 4 Sure. SoCalGas issued a hold of 5 evidence related to Well SS-25 on or around 6 7 November 6, 2015. You've testified to that, correct? 8 I don't think I've testified to the 9 actual date. The November 6th was the letter 10 11 that went to Boots & Coots from Latham, I don't think we ever talked about 12 Watkins. the date that the legal hold came out to 13 internal company employees. 14 15 Fair correction. So, November 6th 16 was the date that, as you've just testified, 17 that the hold went from Latham & Watkins to Boots & Coots, and Latham & Watkins is 18 SoCalGas' outside counsel, one of them; is 19 20 that right? 21 That's my understanding. Okay. And then SoCalGas was unable 22 23 -- now that you've got November 6th, the recordings and transcripts from 24 November 13th, when we're asking about here, 25 SoCalGas is unable to find those, correct? 26 27 Well, I think you mentioned that we have November 6th. November 6th was the date 2.8

that the letter went out to Boots & Coots. I 1 2 don't think we agreed upon what the date is that the communication went out internally to 3 SoCalGas' employees with regard to a legal 4 hold. 5 6 ALJ POIRIER: Mr. Gruen, perhaps you 7 can restate. MR. GRUEN: I see your question. Okay. 8 Thank you. 9 10 In light -- are you familiar with 0 11 the legal hold, Mr. Schwecke? 12 Generally, I am aware that a legal hold was issued. It was issued to me. 13 Okay. And so, the legal hold would 14 have applied -- is it your understanding 15 16 legal hold applied to keeping recordings and transcripts related to the incident? 17 18 Α I do not know. What was the date of the legal 19 Q 2.0 hold? 21 Α I do not know. Okay. Meaning you don't recall? 22 Q I don't recall. I don't know. 2.3 A 24 Okay. Okay. So we've got November 13, 2015 is the recordings were 25 asked about and SoCalGas couldn't find them. 26 27 We've established that, right? 2.8 Α That's what the data request

```
1
    response says.
 2.
              Okay. Okay. Let's keep going.
    Bear with me a moment.
 3
          ALJ POIRIER: Let's go off the record.
 4
              (Off the record.)
 5
          ALJ POIRIER: We will be back on the
 6
 7
    record.
    BY MR. GRUEN:
 9
              Let's go back to your opening
    testimony SoCalGas and the page with the
10
11
    Bates stamp there -- I'm sorry. SoCalGas
12
    Prepared Opening Testimony of Rodger
13
    Schwecke, November 22, 2019, we see on the
14
    title page. And if we go to Bates stamp
15
    SoCalGas-2.0003, and that's page 1, as we see
16
    the Bates stamp there.
17
              Let's go up to page -- I'm sorry,
18
    line 12.
              Excuse me.
                          There it says:
19
                Out of an abundance of caution and
                prudence, within two days of
2.0
                discovering the leak, SoCalGas
21
22
                began considering and preparing a
23
                contingency plan for a relief
24
                well, in case the top well kill
25
                was not successful.
26
              Do you see that?
27
          Α
              Yes.
                    That's my testimony.
2.8
              How many times in the past has
          Q
```

SoCalGas drilled a relief well to kill a well 1 under underground storage facilities? 3 None. Α Okay. SoCalGas does not have 4 0 criteria in place for drilling relief wells; 5 is that correct? 6 7 Α We do not have the expertise in drilling a relief well. That's why you bring 8 9 in a consultant or an expert like Halliburton 10 or Boots & Coots and Sperry Drilling to do that drilling. 11 And Bret Lane was the SoCalGas 12 personnel member, who recommended beginning a 13 14 relief well; is that correct? 15 A I believe so. 16 And SoCalGas followed Bret Lane's 17 recommendation, correct? 18 Yes. Any time you're in the Α incident command, you always have to look at 19 contingencies moving forward, especially 2.0 items that would take a significant amount of 21 time, like a relief well, and start that 22 23 planning process early. And I'll just remind you, 24 25 Mr. Schwecke, you'll have a chance to explain 26 on redirect, but I've got a lot to get 27 through. So if you'll just indulge me when these questions are "yes" or "no." A lot of 28

them are. I just ask for your -- you to 1 2. answer the question directly so we can get through as much as we can today. 3 ALJ POIRIER: Mr. Gruen, we had a 4 question from Ms. Mandelbaum. 5 6 We are on the record, 7 Ms. Mandelbaum, just to make sure. Please go ahead, Mr. Gruen. 8 Sorry about that. 9 10 MR. GRUEN: That's okay. Okay. So, SoCalGas told Boots & 11 12 Coots there was a disabled SSSV, as we identified earlier this morning, in the 13 tubing, before Boots & Coots planned the 14 15 November 13, 2015 well kill; is that correct? 16 Α I don't know if I agree with your statement "disabled SSSV," so if you could 17 18 explain what you mean by that term. An SSSV that did not work. 19 2.0 A No. I do not agree that was an SSV that did not work, because what we had 21 informed Boots & Coots about is the profile 22 of the well that included the SSV manual or 23 housing that was there. The actual SSSV 24 valve was not there. So terminology is 25 critical. 26 27 Okay. So the housing -- let me ask this: Did SoCalGas tell Boots & Coots that 2.8

there were SSSV parts, in addition to the 1 housing in the tubing before Boots & Coots 2. planned the November 13, 2015 well kill? 3 I don't know what you mean by parts 4 were left in the well, Mr. Gruen. 5 housing is the section which the profile 6 7 would sit. So I don't know what you mean by "parts." 8 9 Let's move on. SoCalGas did not 10 tell Boots & Coots that there were slots in 11 the tubing where the SSSV used to sit; is that correct? 12 I do not agree with that statement. 13 Okay. Has SoCalGas ever planned a 14 relief well within two days of discovering a 15 16 leak before the incident? 17 I think I responded we never 18 drilled a relief well. So we probably never had planned a relief well, because all of our 19 prior kill jobs or standard prior kill jobs 20 were successful. 21 Okay. So SoCalGas anticipated that 22 23 the top kills were going to fail on SS-25; is 24 that correct? That is not correct. What I said 25 26 is that as part of an incident management or emergency response, you have to plan for 27 contingencies. So you have to plan that if 28

8

9

10

11

12

13

14

15

16

17

18

19

the steps you take do not succeed, what is 1 2. your next step. And especially when you take a look at a relief well, which would require 3 a significant amount of time, you have to 4 5 start the planning as soon as you can just in 6 case the other steps don't work. 7

Moving to the page with Bates stamp SoCalGas-2.0005, if we could go there, which also identified as page 3, and the footnote there -- Footnote 1 reads:

> To the best of my knowledge and based on my experience in gas storage operations at SoCalGas, well control efforts by top kill are typically successful in controlling leaking wells. SoCalGas employs personnel who were equipped to perform routine well kills. On rare occasions, however, SoCalGas must engage well that presents a unique challenge. one prior occasion that occurred

2.0 21 control specialists when it 22 encounters a well-control issue 23 24 To my knowledge, SoCalGas has 25 required the assistance of a 26 well-control specialist on only 27 2.8 in the 1970s; however, unlike the

1	SS-25 leak, that incident involved
2	a failure of surface piping near
3	the wellhead, not of a
4	below-ground leak in the
5	production casing.
6	Do you see that?
7	A Yes, I do.
8	Q SoCalGas safely performs top kills
9	on a routine basis; is that correct?
10	A That is correct.
11	Q Okay. Let's turn to page 3, Bates
12	stamp same number. I'm sorry, and we are
13	still on Footnote 1, so just some follow-up
14	questions on that.
15	Just at the outset, will you
16	understand if I when I use the term
17	"investigation," I am asking whether SoCalGas
18	investigated how and why a leak occurred?
19	A That's a very general
20	interpretation. So I prefer if you were more
21	specific rather than using a general term.
22	Q Okay. Well, I think we prefer to
23	stick with this one. Do you understand that
24	definition that I have just stated?
25	A Can you repeat it, please?
26	Q Absolutely. At the outset, will
27	you understand that when I use the term
28	"investigation," I am asking whether SoCalGas

1	investigated how and why a leak occurred?
2	A For this, we can use that term
3	"investigation" related to how and why a leak
4	occurred.
5	Q Understood. Thank you. Thank you
6	for your indulgence.
7	Did SoCalGas do its own
8	investigation of Well SS-25 related to the
9	incident?
10	A No. We did not.
11	Q Did SoCalGas hire its own
12	third-party contractor to do an investigation
13	of Well SS-25 related to the incident?
14	A No. We did not. We were not
15	allowed to by the CPUC.
16	Q Did SoCalGas draft any type of
17	document that investigated how or why Well
18	SS-25 failed?
19	A I don't know what you mean by
20	drafting a document of why SS-25 failed.
21	Q Did SoCalGas draft did SoCalGas
22	put any words on a piece of paper that
23	investigated excuse me, the SS-25
24	incident, after it happened?
25	A I don't recall any. As I
26	mentioned, the site was taken over by CPUC
27	and we were not allowed to investigate it
28	throughout the entire Blade Energy Root Cause

1 Analysis. To your knowledge, did SoCalGas 2 consider whether it was going to do an 3 investigation on Well SS-25? 4 Not once the CPUC told us that we 5 couldn't. 6 7 Okay. Let's go -- and just for clarity, let's move on. 8 9 Other than -- let me ask this, a 10 new line. Other than Well SS-25, how many 11 well kills have there been of SoCalGas wells 12 over the life of Aliso Canyon, approximately, if you know. 13 14 A I do not know. 15 Okay. Generally-speaking over the 16 history of Aliso, are killing wells a day-to-day occurrence? 17 18 I would not say they are a 19 day-to-day occurrence. 2.0 Okav. I just want to cover some of 21 the reasons that SoCalGas has historically killed wells at Aliso. Some of the reasons 22 23 for killing wells at Aliso includes things 24 like maintenance; is that right? 25 Well, I think one of the things, if 26 you include maintenance to identify and 27 investigate a leak that would be identified through a temperature log, yes, that would be 2.8

maintenance. 1 2. Okay. How about stopping a leak? Is that another reason SoCalGas has 3 historically killed a well at Aliso? 4 That is our current practice. 5 It's in our procedures to kill a well, and when 6 7 there is a leak that has been identified, we would use that practice to kill the well. 9 Q Okay. And other reasons that SoCalGas has killed wells at Aliso includes 10 11 things like replacing equipment in the well; 12 is that right? 13 Yeah. Maybe we can jump to any time you put a workover rig on a well, you 14 need to kill the well beforehand. So if 15 16 you're going to do a workover, which could include replacement of components of the 17 18 well, you'll have to kill the well. 19 Fair enough. Thank you, Mr. Schwecke. Appreciate that. 20 21 Were there any fatality events 22 during a SoCalGas workover at Aliso, to your 23 knowledge? I do not know, during the time that 24 25 I was related to Aliso Canyon, if there was a 26 fatality associated with it. I would say 27 that there is -- clearly there's been issues on workovers throughout the United States and 2.8

not just SoCalGas. So you can't just look at 1 SoCalGas. You have to look at the entire 2 industry. 3 What about with regards to injury? 4 Was anyone ever injured during a SoCalGas 5 workover at Aliso, to your knowledge? 6 7 I believe there were injuries that have occurred during a workover with some of 8 9 the work crews. It's not necessarily a 10 common, but it does happen. 11 Do you have an idea, when you say 12 not common, approximately how many people? No. I do not know. 13 Α 14 Okay. Let's switch to another line. 15 16 You mentioned Bret. We talked about Bret Lane earlier. Can you tell us 17 18 briefly about his title and his role in the Well SS-25 event? I think you touched on it 19 this morning but just if you could remind us? 20 21 Bret Lane was Operations Chief during the SS-25 incident. 22 2.3 Thank you. And Mr. Lane Okay. retired during the course of this 24 25 investigation; is that correct? Can you define "investigation?" 26 27 You mean the OII? Is that what you're meaning? 28

Q The OII and Order to Show Cause,
yes. And by OII, we mean just the common
understanding, Order Instituting
Investigation, correct?
A Yes. Mr. Lane retired last year.
Q Okay. And you understand OII to
mean Order Instituting Investigation, right?
A Yes, I do.
Q And OSC meaning Order to Show
Cause?
A I believe so, yes.
Q And do you understand this
proceeding includes both of those? It
proceeding includes both of those.
includes an OII and an OSC, correct?
includes an OII and an OSC, correct?
includes an OII and an OSC, correct? A Correct.
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you.
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had extensive knowledge of Well SS-25; is that
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had extensive knowledge of Well SS-25; is that correct?
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had extensive knowledge of Well SS-25; is that correct? A I think I mentioned he was
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had extensive knowledge of Well SS-25; is that correct? A I think I mentioned he was Operations Chief. He was not Incident
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had extensive knowledge of Well SS-25; is that correct? A I think I mentioned he was Operations Chief. He was not Incident Commander in our ICS structure. So, he had
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had extensive knowledge of Well SS-25; is that correct? A I think I mentioned he was Operations Chief. He was not Incident Commander in our ICS structure. So, he had and was aware of and had conversations with
includes an OII and an OSC, correct? A Correct. Q Okay. Thank you. As Incident Commander related to the top kill of Well SS-25; Bret Lane had extensive knowledge of Well SS-25; is that correct? A I think I mentioned he was Operations Chief. He was not Incident Commander in our ICS structure. So, he had and was aware of and had conversations with Boots & Coots with regard to the top kill

for the mistake. 1 2. So did you communicate with Bret Lane about the reason or reasons Well SS-25 3 failed on or about October 23, 2015, at any 4 point in time? 5 I mean we had conversation on 6 Α Yes. a regular basis, and really did not know, 7 until Blade Energy pulled the casing out of 9 the well, what had happened. Up until that 10 point, it was speculation on everyone's part. 11 Okay. Let's go to Exhibit 312, and 12 this says, on the title, "SoCalGas Response 13 to SED Data Request 16." Excuse me. So on the page marked -- let's --14 15 let's move to the next page, if we could, 16 just the very next one. And if we go to the 17 bottom of this page, page number SED-312.001, 18 and scroll to the top of it again, are -just with the clarification, Mr. Schwecke, 19 20 are you familiar with this as a reproduction 21 of SoCalGas responses to SED data request 16? I do not know if it's a 22 23 This looks to be a copy of our reproduction. 24 response to -- if you meant by reproduction a 25 copy, yes. 26 And fair enough. The reason I say, 27 "reproduction" is I'm looking on line 5 where 28 it says, "SoCalGas hereby reproduces the

```
responses to SED-16." So that's the basis
 1
 2
    for me using that term.
 3
          Α
              Okay.
 4
          0
              Okay.
                     Thank you. So -- so are you
    familiar with this, then, as a reproduction
 5
    of SoCalGas response to data request 15?
 6
 7
              I've seen this document.
                     Thank you. And if we turn
 8
              Okay.
 9
    to the page with Bates stamp SED-312.008, and
10
    there's the -- the Bates stamp at the bottom
11
    there, and if we scroll up on that same page
12
    to question 10, it says, "Please provide any
13
    and all communications relating to Aliso
    Canyon between SoCalGas and Boots & Coots for
14
    the time period of October 1, 2015, to
15
16
    January 31st -- January 31, " excuse me,
17
    "2018." Do you see that?
18
              Yes, I see that question.
          Α
19
              And in response, response 10, the
2.0
    response says, in part, "SoCalGas objects to
21
    this request to the extent the response
22
    involves attorney-client privileged
23
    information and/or attorney work product."
24
              Do you see that?
25
          Α
              That's what it says.
26
              Are you aware that SoCalGas
27
    continues to withhold some of its
    communications with Boots & Coots that
2.8
```

respond to this data request from SED? 1 2. MS. PATEL: Your Honor, I'm going to object here. This clearly relates to the 3 violations that your Honors have determined 4 are not part of the scope of the hearing. 5 6 This is part of the lack of cooperation 7 violations that were segregated out. ALJ POIRIER: Mr. Gruen? 8 MR. GRUEN: Your Honor, while --9 10 counsel's partly right. But, this is going 11 to go to the types of questions that we 12 intend to get to the bottom of, both with Mr. Schwecke and Boots & Coots, if they're 13 going to provide it. What this goes to show, 14 15 your Honor, is that SoCalGas has been 16 stonewalling us. They have not provided safe -- answers to safety-related data 17 18 requests. They're now -- it's uncertain 19 whether they're going to provide Boots & 2.0 Coots themselves. And so this goes to show that we need to be able to ask a number of 21 questions of Mr. Schwecke, and that SoCalGas 22 23 frankly needs to produce their own witness in 24 Boots & Coots. 25 MS. PATEL: Your Honor, I do not 26 believe that that was authorized for a line 27 of questioning for Mr. Schwecke today. 2.8 Indeed, I believe that your Honors

specifically ruled that that was not the 1 2. purpose of questioning today, as your Honors correctly noted we don't know if Boots & 3 Coots are going to appear; but, nevertheless, 4 this still goes to issues that are not within 5 6 the scope of Mr. Schwecke's testimony. 7 MR. GRUEN: Well, your Honor, if I may, as we have stated, since we don't know, 8 9 including as of this date certain, 10 whether So- -- now that SoCalGas hasn't 11 produced Boots & Coots the day that it said it would, we're unclear whether SoCalGas will 12 13 produce Boots & Coots and -- at all, and so we're stuck with asking questions like this 14 of Mr. Schwecke. And frankly, your Honor --15 16 go ahead. I'm --17 ALJ POIRIER: I think, Mr. Gruen, Judge 18 Hecht, when it came back earlier -- we're not 19 going to assume at this time that Boots & 20 Coots is not going to appear. 21 proceeding through a legal process, and my 22 hope is that they will appear. And I think 2.3 she did indicate this morning that if they do not appear, then we will discuss bringing 24 25 back Mr. Schwecke to answer these questions. 26 So I think it -- you can -- with that 27 quidance, I want you to go ahead and move forward. 2.8

```
MR. GRUEN:
                     Understood. We'll move on.
 1
 2
    Thank you, your Honor.
          MS. PATEL: Your Honor, again, this --
 3
    this is a live issue in the proceeding, and
 4
    these are -- this is not part of
 5
    Mr. Schwecke's testimony.
 6
 7
          ALJ POIRIER: Ms. -- Ms. Patel, I ruled
    on the objection. I -- I didn't ask for an
 8
    additional conversation.
 9
10
              Please go ahead, Mr. Gruen.
11
          MS. PATEL:
                      Thank you.
                     We'll move on, your Honor.
12
          MR. GRUEN:
    Thank you for the quidance. Understood.
13
              Okay. Okay. So just part --
14
    getting back to your testimony, Mr. Schwecke,
15
16
    that you served as incident operations
    commander leading efforts surrounding the
17
18
    Aliso Canyon SS-25 gas leak, do you recall
19
    that?
2.0
              Yes, I do.
          Α
21
              That testimony? Okay.
              And let's turn back to your opening
22
23
    testimony, Exhibit SoCalGas-02, on the page
    with the Bates stamp SoCalGas-02.0020, if you
24
25
    could go there. Thank you. And that's
26
    page 18 that's also shown that way, lines 22
27
    through 25, and I'll -- I'll read.
2.8
              "Throughout the incident, based on
```

the information known to it at the time, 1 2. SoCalGas reasonably and prudently endeavored to identify options to kill the well 3 expeditiously and ultimately killed the well 4 within a reasonable time." 5 Do you see that? 6 7 Yes, that's my testimony. Α I want to ask you questions 8 9 about the information that was known to SoCalGas during the time of the incident. 10 11 So let's introduce Exhibit SED-318. 12 And this is an email. On the cover page, it states: Email from Todd Van de Putte, 13 P-u-t-t-e, to Glenn La Fevers, L-a 14 F-e-v-e-r-s, re: --" and it says, "re" twice. 15 16 Pardon the typo -- ": Aliso SS-25 (October 23rd, 2015)." And if we could go to 17 18 the first page of the document and scroll to 19 the bottom, just to read the Bates number, it 20 says, "AC CPUC SED DR 17 0001458," and if we 21 scroll back to the top -- I'm sorry. Let's 22 go down to the bottom again. It's the -- the 23 next email, at the bottom of this page. it's -- scroll up slightly. 24 Sorry. We're 25 almost there. 26 This is an email dated 27 October 23rd, 2015, at 8:14 p.m. from Todd 2.8 Van de Putte to Glenn La Fevers, Phil Baker

```
1
    and Amy Kitson.
 2.
              Do you see that?
              I see that.
 3
          Α
              Are you familiar with this email
 4
          0
    thread, Mr. Schwecke?
 5
              I've seen it as it was served as an
 6
 7
    exhibit.
              Okay. October 23rd, 2015 is the
 8
 9
    day the leak at SS-25 was first discovered.
    Correct?
10
11
          Δ
              That is correct.
12
              Okay. And on the second line here,
13
    it says, "Once we get the wireline plug in
    place, the reservoir should be isolated."
14
15
              Do you see that?
16
          Α
              I see that statement.
17
              So the same day the leak on SS-25
18
    was discovered, SoCalGas planned to put a
19
    plug in the tubing to stop the flow of gas.
2.0
    Is that correct?
              That's what the email refers to.
21
22
          0
              Okay. Let's scroll to the top of
23
    the same page and look at the email from
    Mr. Van de Putte to Mr. La Fevers.
24
25
    pardon me. I'm doing my best with the
26
    pronunciation. Apologies if I'm not saying
27
    the names correctly.
2.8
              But, this -- this email is dated
```

October 23rd, 2015 at 11:52 p.m. Do you see 1 2 that? 3 Yes, I do. Α And here, the first line begins 4 "Latest update - Had a conference call with 5 Larry, " and he lists, in addition to Larry, 6 7 several people; however, he doesn't list your name. Is that all correct? 8 9 Α Yeah, he does not list my name. 10 0 So you were not on this con --11 conference call that he mentioned. Is that 12 right? 13 No, I was not. Okay. And the second paragraph 14 begins "Current plan....keep the wireline 15 16 crew on standby, kill the well with the polymer pill, " and continues on. 17 18 But, do you see that passage there? 19 I see that statement. Α 2.0 So this email thread shows that 0 21 after the conference call the plan changed 22 away from putting a plug in the tubing. 23 Correct? That's my understanding. 24 Α Do you know why it was decided not 25 0 26 to use a plug to isolate the reservoir? 27 I can't speculate why they made that decision. 2.8

1	Q Okay. Bear with me. Okay.
2	Let's go to Exhibit SED-276,
3	please, and this is the title of this is
4	"Core Lab report November 12, 2015" on this,
5	and if we could go to the next page, and on
6	the if we go to the bottom, we see
7	AC_BLD_0076009, and if we scroll just to the
8	top to the top of that doc that page,
9	it's for Southern California Gas Company
10	Standard Sesnon 25. And I'm just to
11	identify the document further, I'll ask you
12	if you're familiar with this in a moment.
13	But, if we could go to the next
14	page, to the Bates number there,
15	AC_BLD_0076010, and if we scroll up toward
16	the middle of the page, it's the company
17	is Southern California Gas Company, well
18	name, Standard Sesnon 25, field, Aliso
19	Canyon, customer name, hilly Hillary
20	Petrizzo again, pardon me for the
21	pronunciation, if I've misstated date of
22	survey, November 8th, 2015, date of analysis,
23	November 12, 2015.
24	Do you see all of that?
25	A I see that information.
26	Q Okay. And in the upper left corner
27	of the page, if we go to that, it says
28	prepared it says, "Core Lab." Correct?

1	A It does say, "Core Lab" in the
2	upper left-hand corner.
3	Q Are you familiar with this
4	document?
5	A I've seen this document.
6	Q Okay. So Core Lab prepared this
7	document for SoCalGas. Correct?
8	A Yes. We had Core Labs come on-site
9	to do run a log in SS-25 after it was
10	the hyd (phonetic) rig was washed out.
11	Q Okay. Thank you. If we go to
12	page 6 of this Bates number ending that
13	I'll read the whole Bates number:
14	AC_BLD_0076014. And if we scroll up on that
15	page to the observations, and we go to number
16	1, the fifth bullet there, which is the
17	last happens to be the last one, as well,
18	under summary I'm sorry. It says,
19	"Summary, gas flow appears to be flowing up
20	the tubing and exiting through a tubing
21	failure at 8435 feet" in the first and part
22	of the second line.
23	Do you see that?
24	A I see that statement.
25	Q So SoCalGas did not inform Core Lab
26	that there were slots in the tubing where the
27	SSSV used to sit. Is that correct?
28	A I cannot confirm that.

```
Okay. On the same page, under
 1
          0
 2
    number two, if we scroll down slightly where
    it says, "Other secondary observations," the
 3
    third bullet under there, last sentence under
 4
 5
    the third bullet, it says, "A subsequent
 6
    tubing plug ran -- run -- excuse me. Let me
 7
    start over.
              "A subsequent tubing plug run set a
 8
 9
    plug just above the top pup joint above the
10
    SSSV. A setting depth was not reported, but
11
    is estimated to be around 8380 feet.
12
    plug run confirms no gas flow inside the
13
    tubing down to the plug setting depth, and,
    of course, the plug did not shut off the gas
14
    flow to surface."
15
16
              Do you see that?
          Α
              I see that statement.
17
18
              So from this statement, we can
19
    assume that Core Lab thought there was an
20
    SSSV in the tubing. Correct?
21
              No, I cannot agree with that
22
    statement.
23
                     They did not say, though,
              Okay.
    the remains of an SSSV or parts of an SSSV.
24
25
    Correct?
26
              Well, what they did not say; but,
    I -- I think they were provided the well
27
28
   profile, because I think on the page prior
```

they really describe it, and they talk about 1 the Camco SSSV, and do not identify that 2. there was a valve in the setting. So they 3 knew it was there. Why they called it a 4 tubing fail, they looked at it from the 5 standpoint of the integrity of the tubing 6 7 where gas was exiting the tubing, which was at the slots, which they were trying to 8 9 investigate. So -- and then the plug was 10 set, which confirmed their investigation 11 there was no other tubing leak besides the slots that were down at the -- the lower 12 level. 13 And Mr. Schwecke, I -- I assure 14 you, I -- if you -- if you want to explain on 15 16 redirect, this -- this I understand; but, if you'll indulge us to just get through the 17 18 "Yes" or "No" on these questions, we would appreciate it. We have a lot to get through. 19 20 Going back to the observations on 21 the fourth bullet, it says -- and I'm reading 22 there, a -- "A cooling anomaly appears to 23 detect a leak through the surface casing at about 890 feet." 24 25 Do you see that? Top line, fourth 26 bullet --27 Yes, I see that. Is about 890 feet, then, the 2.8 Q

```
location of the casing failure, as eventually
 1
 2.
    determined by SoCalGas and Blade?
              I think the 890 was the approximate
 3
    level, but this defines it as the surface
 4
    casing leak, and it was Blade that identified
 5
 6
    that depth, and SoCalGas did not.
 7
              Appreciate the correction.
    Understood. Thank you, Mr. Schwecke.
 8
 9
              Let's look at another exhibit, if
    we can. Go to Exhibit SED-319.
                                      This is an
10
    email from Todd Van de Putte to Phil Baker
11
12
    re: Aliso Canyon Standard Sesnon 25 wellhead
    leak, brief summary, October 24, 2015, and if
13
    we go to the first page of the document, and
14
    I'll read the page number there and scroll
15
16
    down, we see there it says,
    "AC CPUC SED DR 17 0001492." And if we
17
18
    scroll up to the top of this page, this email
    says that it's from Todd Van de Putte to
19
20
    Mr. Phil Baker on October 24, 2015 at
21
    6:25 p.m.
              Do you see that?
22
2.3
          A
              Yes, I do.
              Are you familiar with this
24
          Q
25
    document?
              I've seen this document when it was
26
27
    submitted as an exhibit.
2.8
          Q
              Okay. On the "cc" line, it says,
```

"Exchange Administrative Group" next to Scott 1 2 Furgerson's name. Do you see that? 3 I see it says that. Do you -- did you -- I'm sorry. 4 0 Did you receive emails from the 5 Exchange Administrative Group at this time? 6 7 I don't know what you mean. Well, you see the Exchange 8 9 Administrative Group? Do you see where I'm 10 looking next to Scott Furgerson's name? 11 A Yeah, in the parens. Correct. 12 Yes. Are you part of the Exchange Administrative Group? 13 14 I have no idea what the Exchange 15 Administrative Group is. 16 Q Understood. Okay. 17 Did you receive a copy of this 18 email? 19 As an exhibit. Α 2.0 Other than as an exhibit? 0 21 Α No. Okay. This email was sent the day 22 2.3 after the leak in SS-25 was discovered, we 24 can agree. Right? 25 Α Yes, it was. 26 Okay. So let's scroll down to 27 the -- the fifth paragraph, if we can, that begins "Well kill activity today." 2.8

```
1
              Do you see where we are?
 2.
          А
              Yes, I do.
              Okay. Here, in the second
 3
          Q
    sentence, Mr. Van de Putte states: The well
 4
    currently has an old disabled Camco
 5
 6
    subsurface safety valve system in the
 7
    2 7/8-inch tubing string place and a gas lift
    mandrel above it in the tubing string.
 9
              Did I read that correctly?
10
          A
              Yes, you did.
11
          Q
              Okay. Scrolling back to the top of
12
    this email, do you see in the heading, if you
13
    go to the top, it says, "Attachments SS-25
    well schematic PDF"?
14
15
              That's what it says, there is an
16
    attachment, yes.
17
              Okay. Let's look at that
18
    attachment to the email we've just covered.
              So if we introduce Exhibit SED-320,
19
2.0
    this says, "Email from Todd Van de Putte to
21
    Phil Baker, October 24, 2015" at the top, and
22
    if we -- on the cover page, excuse me, and if
23
    we scroll down, this has a Bates stamp of --
24
    on the first page, at the bottom, of
25
    AC CPUC DR 17 0001495.
26
              And I'll scroll up and give you a
27
    moment to review, but I'll ask you now: Are
2.8
    you familiar with this document?
```

1	A I believe I've seen the wellbore
2	schematics before in not only this exhibit,
3	but other exhibits that were presented during
4	the case.
5	Q Okay. At the bottom of this page,
6	do you see the date, June 16, 1986, right
7	above the Bates number?
8	A I see that those numbers listed
9	as the date.
10	Q Okay. And I think you referenced
11	this, but just to clarify for the record,
12	this is a schematic of well SS-25. Correct?
13	A That's my understanding.
14	Q Okay. So in 2015, a well schematic
15	dated 1986 represented the current condition
15 16	dated 1986 represented the current condition of SS-25. Is that correct?
	_
16	of SS-25. Is that correct?
16 17	of SS-25. Is that correct? A That would be my understanding.
16 17 18	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a
16 17 18 19	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a depth of 8451 feet let's scroll down
16 17 18 19 20	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a depth of 8451 feet let's scroll down slightly, yeah to the right of the tubing,
16 17 18 19 20 21	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a depth of 8451 feet let's scroll down slightly, yeah to the right of the tubing, we see, quote, Camco 2 1/2-inch SSSV.
16 17 18 19 20 21 22	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a depth of 8451 feet let's scroll down slightly, yeah to the right of the tubing, we see, quote, Camco 2 1/2-inch SSSV. Do you see that?
16 17 18 19 20 21 22 23	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a depth of 8451 feet let's scroll down slightly, yeah to the right of the tubing, we see, quote, Camco 2 1/2-inch SSSV. Do you see that? A That's what it says.
16 17 18 19 20 21 22 23 24	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a depth of 8451 feet let's scroll down slightly, yeah to the right of the tubing, we see, quote, Camco 2 1/2-inch SSSV. Do you see that? A That's what it says. Q Okay. Given your familiarity with
16 17 18 19 20 21 22 23 24 25	of SS-25. Is that correct? A That would be my understanding. Q Okay. On this schematic, at a depth of 8451 feet let's scroll down slightly, yeah to the right of the tubing, we see, quote, Camco 2 1/2-inch SSSV. Do you see that? A That's what it says. Q Okay. Given your familiarity with the schematics of SS-25 you mentioned, are

I don't understand the question. I 1 Α 2. don't know of any other schematic as you're referencing. 3 Okay. I want to be sure you 4 understand, so let's just parse this. 5 6 To your knowledge, are there any 7 other schematics that do not show the Camco 2 1/2-inch SSSV in the SS-25 tubing like this 8 schematic shows? 9 10 MS. PATEL: Objection, lacks foundation. 11 ALJ POIRIER: Overruled. 12 The witness can answer to the best 13 of their ability. "Yes," "No," "I don't 14 know" are all acceptable answers. 15 16 THE WITNESS: I -- I don't know of any other schematic that does not show this same 17 18 information. BY MR. GRUEN: 19 20 Thank you. Okay. Let's go to the 21 next line, to --22 ALJ POIRIER: Mr. Gruen, let's go off 23 the record. 24 (Off the record.) ALJ POIRIER: We'll be back on the 25 26 record. 27 We're going to take a 15-minute break 'til 2:25. Thank you. Off the record. 2.8

1	(Recess.)
2	ALJ POIRIER: We'll be back on the
3	record.
4	We are just returning from an
5	afternoon break, and we will continue with
6	the cross-examination of Mr. Schwecke.
7	Please go ahead, Mr. Gruen.
8	MR. GRUEN: Thank you, your Honor.
9	Let's if we could return to
10	Exhibit SED-312, and bring that up on the
11	the screen.
12	Q And Mr. Schwecke, if you'd let me
13	know when you have it.
14	Your Honor, just for a matter of
15	housekeeping, can can we go off the record
16	for a moment just for a request while
17	Mr. Schwecke's finding his place?
18	ALJ POIRIER: Off the record.
19	(Off the record.)
20	ALJ POIRIER: We'll be back on the
21	record.
22	Please go ahead, Mr. Gruen.
23	MR. GRUEN: Okay.
24	Q Question let's go to
25	Mr. Schwecke, just as a reminder, this do
26	you recall this is a reproduction of SoCalGas
27	
	response to SED data request 16?

```
If we go to question 2,
 1
          0
              Okay.
 2.
    Bates stamp 312.002 on PDF page 3, and if we
    go to question -- it states, on question 2:
 3
    Of those individuals identified in response
 4
    to question 1, please explain their roles
 5
    related to the SS-25 well leak on
 6
 7
    October 3rd -- 23rd, excuse me, 2015.
              Do you see that question?
 8
 9
          Α
              I see that question.
10
                     And going to the response,
          0
              Okay.
11
    if we could turn specifically to the
    reference to -- do you see your name there
12
    listed in part "D"?
13
14
          Α
              Yes, I see my name.
15
          Q
              Okay. And it says there, next to
    your name, that -- pardon me.
16
17
              With -- with -- I -- complete
18
    respect, just reading the response, it says,
    "Mr. Schwecke was not initially involved in
19
2.0
    the incident response efforts, and did not
21
    engage in the incident response until
    November 11, 2015, at which point
22
    Mr. Schwecke's role was in communications.
2.3
    In this role, Mr. Schwecke dealt with -- " and
24
    continuing on to the next page, "dealt with
25
26
    media and public communications, and was --
27
    and was not involved in the initial decisions
    or well kill attempts."
2.8
```

1	Do you see that?
2	A I see that statement.
3	Q Okay. So just for clarity, it
4	seems like there's a discrepancy between this
5	information and the description in your
6	testimony that you served as incident
7	operations commander leading efforts
8	surrounding the Aliso SS-25 leak.
9	Were you not involved in the
10	initial decisions or well kill attempts,
11	the the first well kill attempt, before
12	November 11, 2015?
13	A I was not on-site involved in
14	those, but when I did come on-site, I was
15	briefed on what those activities were.
16	Q Understood. Thank you. If we
17	could move on to Exhibit SED-321, and if we
18	go to the Bates stamp with
19	AC_CPUC_SED_DR_16002069, and if we scroll to
20	the the let let me just ask you,
21	with that, if you had a chance to review it.
22	Mr. Schwecke, are you familiar with
23	this document?
24	A I've seen this document.
25	Q Okay. Thank you. And if we go
26	to scroll down, please, if you would,
27	Ms. Purchia.
28	If we go to the bottom here, the

scroll to the top of this email that's at the 1 2. bottom of this page that we're looking at, and it shows here this is an email from 3 Morten Haug Emilsen; and apologies if I'm 4 mispronouncing. And I'll spell it for the 5 6 record: M-o-r-t-e-n H-a-u-g E-m-i-l-s-e-n. 7 So this is an email from Mr. Emilsen with Add Energy to Mr. Van de 8 9 Putte on January 27, 2016. Is that correct?] 10 A That's what it appears. 11 Q Okay. And was Add Energy a SoCalGas contractor or a Boots and Coots 12 subcontractor? 13 14 A I believe Add Energy was brought on -- they may have been under contract through 15 16 Wild Well Control. But I do not know specifically. 17 18 Okay. And meaning -- and the --Add Energy was doing services ultimately for 19 2.0 SoCalGas: correct? That is correct. They were onsite 21 as part of the individuals we brought in in 22 23 support of the efforts, in particular, with regard to the relief well. 24 25 Okay. Thank you. 26 And did Add Energy do simulations 27 of the top well kills and the relief well? Their focus was on the relief well. 2.8 A

1	But they did, in their report, try to do some
2	back casting of what happened during the
3	incidents of the top kill opportunity. They
4	were not there before the top kills were
5	performed.
6	Q I see. Okay.
7	Do you know when Add Energy was
8	brought on to do their simulations,
9	approximately?
10	A I do not know specifically.
11	Q Okay. Would you call simulations
12	"modeling"?
13	Is that another word you would use?
14	A You can call it "modeling," or you
15	can call it "simulations."
16	Q Okay. Thank you.
17	But Add Energy simulations were
18	it would excuse me.
19	Let's got the second paragraph of
20	e-mail where it says that we have up here
21	where it says:
22	We have learned that on SS-25
23	there were communication between
24	there were communication
25	between the tubing and
26	7-inch-by-2-and-7/8-inch annulus
27	downhole through slots in the
28	tubing where the safety valve used

1	the to sit even before it was
2	perforated.
3	Do you see that?
4	A I see that statement.
5	Q Okay. So scroll up to the page
6	with the Bates stamp that ends in -20609, the
7	page right above it. And look at the e-mail
8	from Mr. Van de Putte to Mr. Emilsen dated
9	January 26th excuse me January 27, 2016
10	at 23:32 is the time stamp.
11	Do you see that?
12	A I see that e-mail or
13	Q Okay.
14	A That's an e-mail.
15	Q Yes. Thank you.
16	And here Mr. Van de Putte explains
17	in the first paragraph, he says:
18	Morten, during the initial kill
19	attempt, the 2-and-7/8-inch was
20	found to be plugged, and we could
21	not pump into down the
22	2-and7/8-inch tubing and establish
23	communication between the tubing
24	and the tubing casing annulus in
25	order to kill the well. We later
26	discovered during the ongoing
27	evaluation that there was an ice
28	hydrate blockage in the

1	2-and7/8-inch tubing around the
2	depth of 450 feet, plus or minus.
3	The well was on gas injection
4	prior to the leak kill attempt,
5	and both the tubing/casing
6	pressures I
7	And it continues on to the next
8	page:
9	believe were initially are
10	very close in pressure. With a
11	fixed injection, surface pressure
12	on the tubing and the casing,
13	there would be no way to verify if
14	and where the well was actually
15	taking gas flow into the well or
16	the reservoir as the well(s) do
17	not have metering to know the
18	individual injection rate for a
19	given well via either the tubing
20	or the casing In other words,
21	just because the well had
22	injection pressure on the surface
23	doesn't mean the well was
24	accepting gas and could have been
25	plugged and just sitting at the
26	injection pressure with no flow.
27	Do you see that?
28	A I see that statement.

1	Q So this statement, specifically the
2	last sentence, means that SS-25 could have
3	failed sometime before October 23rd, 2015,
4	forming hydrates that stopped the flow of
5	injection gas; is that correct?
6	A I don't agree with that statement.
7	Q Okay. Let me ask you just
8	switch slightly.
9	When you oversaw well kill
10	operations, I assume that you were present
11	during the well kills.
12	Is that assumption correct?
13	A When I talked about overseeing well
14	sites onsite, it was I was present during
	,
15	the well kills from approximately
15	the well kills from approximately
15 16	the well kills from approximately November 15th on at Aliso Canyon for the
15 16 17	the well kills from approximately November 15th on at Aliso Canyon for the incident.
15 16 17 18	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after
15 16 17 18 19	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after the second well kill attempt; is that right?
15 16 17 18 19 20	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after the second well kill attempt; is that right? A Yes I believe so.
15 16 17 18 19 20 21	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after the second well kill attempt; is that right? A Yes I believe so. Q Okay. And the second well kill
15 16 17 18 19 20 21 22	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after the second well kill attempt; is that right? A Yes I believe so. Q Okay. And the second well kill attempt was done by Boots and Coots; is that
15 16 17 18 19 20 21 22 23	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after the second well kill attempt; is that right? A Yes I believe so. Q Okay. And the second well kill attempt was done by Boots and Coots; is that right?
15 16 17 18 19 20 21 22 23 24	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after the second well kill attempt; is that right? A Yes I believe so. Q Okay. And the second well kill attempt was done by Boots and Coots; is that right? A That is correct.
15 16 17 18 19 20 21 22 23 24 25	the well kills from approximately November 15th on at Aliso Canyon for the incident. Q Okay. And November 15th is after the second well kill attempt; is that right? A Yes I believe so. Q Okay. And the second well kill attempt was done by Boots and Coots; is that right? A That is correct. Q So I assume you provided directions

you have to consider that it's at all the 1 2 people that SoCalGas and all the other experts and contractors that were onsite 3 discussing the well kill plans and providing 4 input in those plans as we were to look at 5 moving forward with execution of those plans. 6 7 So it's not just me alone. Bret Lane who ultimately, in the chain of command, was the 8 9 one that decided and finally approved any 10 well kill operation. 11 Okay. Did you have a radio that allowed you to communicate with others in 12 SoCalGas during your role related to the 13 14 incident? 15 Yes, I did. A Did you have a radio that allowed 16 you to communicate with Boots and Coots 17 18 during that time? 19 I believe Boots and Coots had 2.0 radios as well that was on the same frequency that we used. 21 Okay. Did you communicate directly 22 23 with Mr. Lane about well kill operations? 24 Can you be a little more specific? Α 25 We had constant communications when we were not in the same trailer using the 26 27 radio. So maybe you could clarify the 28 question.

1	O Tim going to aggine at that large
1	Q I'm going to assume at that level
2	of generality that the answer is "yes."
3	Would that be accurate?
4	A Maybe you can repeat the
5	question
6	Q Sure.
7	A and maybe I'll understand it
8	this time.
9	Q And I'll do better to try and
10	articulate it. Understood, Mr. Schwecke.
11	Pardon me.
12	Did you communicate directly with
13	Mr. Lane about operations to kill well SS-25?
14	A I communicated on the radio with
15	Mr. Lane and through direct verbal
16	communications on all operation activities
17	associated with the SS-25 leak.
18	Q Thank you. Understood. Pardon me
19	for I'm sure I didn't articulate it well.
20	But thank you for that answer. I appreciate
21	that.
22	What about with Mr. Van de Putte?
23	A I had communications with Mr. Van
24	de Putte. But I don't recall if he carried a
25	radio at the time I got onsite. But he was
26	onsite when we had conversations all along
27	throughout the process.
28	Q Mr. Walzel?

Yes, I had communications with Mr. 1 2 Walzel; and he did have a radio. Typically we would not communicate by radio with Boots 3 and Coots, because they wanted to focus on 4 their activities on a -- for safety reasons, 5 they would -- they didn't want to be 6 7 distracted. Understood. But you communicates 8 0 9 with him in person during the well kill activities; is that right? 10 11 Well, I think what you have to look at is the well kill activities which are 12 including the planning process, yes. Because 13 we would all meet together to talk about the 14 subsequent kill plans. I would not 15 16 communicate with him during the actual well kill operation. Because he was onsite, as 17 18 far as on the well pad. Boots and Coots, for safety 19 2.0 reasons, did not want anyone else onsite 21 after the November 13th where gas and liquids reached the surface. So we basically 22 observed from a distance. So I couldn't have 2.3 any conversations with him at the specific 24 25 moment of the well kills. 26 Okay. What about Dr. Haghshenas? 27 Well, he was not there until sometime in December. So -- and during the 2.8

period in which he was there, yes, we did 1 have conversations; mostly, it was about the relief well. Because the well kill -- the 3 seventh well kill had been completed. But 4 most of time he was there. 5 The communications that you had 6 7 with these individuals were not recorded; correct? 8 They were verbal 9 Α No. 10 communications as we all sat together in a 11 trailer working through the issues. 12 Okay. And these communications were not shared with any parties in this 13 proceeding; correct? 14 Well, I think we're sharing them 15 16 right now. 17 Okay. Bear with me a second. 18 ALJ POIRIER: Let go off the record. (Off the record.) 19 ALJ POIRIER: We'll be back on the 20 21 record. Please continue, Mr. Gruen. 22 BY MR. GRUEN: 2.3 Mr. Schwecke, you're aware that a 24 Q plug was installed into the SS-25 tubing 25 26 above the subsurface safety valve, or SSSV, 27 on November 12, 2015; is that correct? 2.8 That is correct. A

And you're aware that the tubing 1 2. was then perforated above that plug; is that also correct? 3 That is correct. A 4 Before the plug was installed and 5 6 the tubing was perforated, did SoCalGas tell 7 Boots and Coots that the tubing had slots in where the subsurface safety valve, or the 8 SSSV, sat? 9 Yeah. Boots and Coots knew that 10 Δ 11 there were slots there. Because they had 12 wellbore diagrams and had conversations about the path of flow of gas that we thought from 13 the tubing to the casing. So they were very 14 much aware of the original Camco SSV housing 15 16 and manual that sat there had that slots in 17 it. 18 Well, let's look at Exhibit 0 SED-275, if we could. And if we could go to 19 the Bates number at the bottom 2.0 21 AC CPUC 0008807. And if we scroll up to the toward 22 23 the top, Mr. Schwecke, are you familiar with 24 this document? I've seen this document when 25 A Yeah. it was submitted as an exhibit for Mr. 26 27 Neville. 2.8 O Yes, okay.

And do you see a reference to the 1 2 wire-line plug on October 5th, 2007, first line in the table? 3 Yes, I see that reference. 4 Okay. Was the wire-line plug there 5 installed above or below the subsurface 6 7 safety valve in SS-25? I do not specifically know. 8 9 Neville be able to -- would have been able to 10 answer that question. 11 Q Okay. Bear with me. 12 If you like, you know, what I know about it in order for the -- to perform the 13 work that was there, you would have had to 14 completely kill the well. So it had to be 15 16 below the SSSV housing. 17 0 Okay. Thank you. 18 Your Honor, can we go off the record for a moment? 19 2.0 ALJ POIRIER: Let's go off the record. 21 (Off the record.) ALJ POIRIER: Back on the record. 22 2.3 ahead. BY MR. GRUEN: 24 25 Okay. So the wire-line plug was installed below the SSSV -- the SS-25 SSSV 26 back in October 5, 2007, but not in response 27 to SS-25 failing on October 2015; correct? 2.8

This says that the wire-line plug 1 2. was set. And in order to perform the work, you had to kill the well. So I would expect 3 it was set below the slots. And it was not -- a tubing plug was not set in SS-25 as you 5 6 mentioned. 7 Okay. You provided this October 5, 2007 information about SS-25 to Boots and 8 9 Coots during the incident; correct? 10 A I do not know specifically. 11 Q Okay. Do you know if Boots and 12 Coots representatives were given access to the hard copy SS-25 well file? 13 Yes. Boots and Coots was given 14 access to the hard copy. In fact, they 15 16 specifically requested it as the record. hard copy is the record of the well file that 17 18 they wanted to use and not a copy. They had received a copy before they got to 19 2.0 California --21 Q Okay. -- but they had access to the well 22 file. 2.3 Okay. So then SoCalGas did not 24 Q provide a digital copy of the SS-25 well file 25 to Boots and Coots for the SS-25 well kill 26 27 efforts from Boots and Coots; is that 2.8 correct?

```
Well, Boots and Coots was provided
 1
 2
    documentation of the well file when they came
    from Texas to California; that was
 3
    transmitted electronically. But when they
 4
    got there, they wanted to have the specific
 5
    hard copy of the well file. Because that is
 6
 7
    the record to use, and that's the record they
    wanted. They did not want to just rely on
 8
    the electronic version. They wanted the hard
 9
    copy, the actual physical copy.
10
11
          Q
              Okay. All right. If we can go to
    another line.
12
              In your opening testimony, SoCalGas
13
    to -- let's go to the page with the Bates
14
15
    stamp 2.0019. And if we go to lines --
16
    there's a Bates number that you just
    mentioned -- thank you, Ms. Purchia.
17
18
              And if we go to lines 6 through 7
    -- scroll up.
                   There --
19
          ALJ POIRIER: Let's go off the record.
2.0
21
              (Off the record.)
          ALJ POIRIER: Back on the record.
22
    BY MR. GRUEN:
2.3
              If we could go to the Bates number
24
          0
    at -- I misstated -- SoCalGas 2.0021, lines 6
25
    through 7. And, again, just for refreshing
26
27
    memory, here it says:
                I served as the incident
2.8
```

1	operations commander leading
2	efforts surrounding the SS-25 gas
3	leak.
4	Do you see that?
5	A I see that statement.
6	BY MR. GRUEN:
7	Q Okay. So going to the Bates number
8	SoCalGas 2.0020, again pardon me. This is
9	for a different line. I know we read this.
10	But just for consistency in the record, lines
11	23 throughout 26, it says:
12	Throughout the incident, based on
13	the information known to it at the
14	time, SoCalGas reasonably and
15	prudently endeavored to identify
16	options to kill the well
17	expeditiously and ultimately kill
18	the well within a reasonable time.
19	Do you see that?
20	A That's my testimony.
21	Q Yes. Okay.
22	So, again, just probing the "based
23	on information known to it at the time,"
24	let's go back to the Add Energy Report,
25	Exhibit SED-281.
26	Okay. And if we go to, this time,
27	Bates stamp AC this is the Dynamic
28	Simulations Aliso SS-25 SoCalGas.

If we go to AC BLD 0076289. 1 2. There's the Bates stamp. And if we scroll up to the -- if we could zoom out slightly on 3 this. 4 Mr. Schwecke, are you familiar with 5 this image? 6 7 Α I've seen this image. Okay. And this image shows the 8 9 well SS-25, if we zoom back in slightly. And if -- if we could zoom in just to where the 10 11 wording is on side of the well to the right. 12 Thank you. Okay. 13 And so this image shows -- if you scroll down slightly, just a little bit more. 14 15 Okay. Great. Thank you. 16 So this image shows that well SS-25 has four half-inch holes called water 17 18 shutoffs, water shutoffs -- water shutoff perforations, or WSOs, at 8,475 feet; 19 2.0 correct? 21 Α That's what it says. 22 0 And below the WSO holes, at 8,486 2.3 feet, is the production packer; correct? 24 A That is correct. 25 And in the middle of this document, 26 there are arrows pointing to purple-grey 27 shading on the left of the SS-25 well with the label "possible washouts behind casing." 28

Do you see that? 1 I see that statement. 2. Α Okay. And the washouts shown on 3 Q this document in that shaded area bridges 4 from above the WSO perforations that are at 5 6 8,475 feet deep to an area below the packer that includes production perforations in the 7 gas reservoir all the way down to 8,750 feet; 8 is that correct? 9 Well, the shaded area that has been 10 11 identified as possible washout behind casing does extend here in this diagram, as far as a 12 speculation of what could be happening. 13 14 If we go back to the second page of this document with Bates number AC DLD 007627 15 16 -- -70 -- excuse me -- is the Bates number. 17 Do you recall that this page, if we 18 scroll up, shows the date of February 16, 2016, in the upper-left corner there; 19 2.0 correct? I believe this is the first 21 Yeah. time we've looked at this document; but, yes, 22 that's the date --2.3 Pardon me. It is the first time 24 we've looked at this part of the document, 25 26 yes, of the Add Energy report. 27 And the author is Morten Hauq Emilsen; correct? 2.8

A Yes. That's what is
Q Okay. And the reviewer is John
Wright?
A Correct. That's what it says.
Q Okay. If we go to Exhibit
SED-219 so if we could just scroll down,
and go to the Bates number at the bottom of
this page
A Did you say SED-219?
Q Yes. Yes, sir.
A Thank you.
Q Let me know when you're there
A I am.
Q Mr. Schwecke.
Okay. Good.
And the Bates number,
AC_CPUC_SED_DR_16_0023899. And if we scroll
up to the top here so you just noting,
although you were incident operations
commander leading efforts surrounding the
Aliso Canyon SS-25 leak, your name isn't
included on this e-mail thread; correct?
A Again, I was reporting to Mr. Lane
at the time. So Mr. Lane was the operations
chief that I reported to.
Q Okay. But your name isn't included
on the e-mail thread; right?
A That is correct.

```
Okay. And, to your knowledge, none
 1
          0
 2
    of the other individuals on this e-mail
    thread are currently -- well, except for
 3
    Mr. Arash Haghshenas, none of these other
 4
    individuals are offered as witnesses, and we
 5
    don't know if Dr. Haghshenas will be offered;
 6
 7
    is that right?
                     It's my understanding they
 8
          Α
    are not offered as witnesses. I believe some
 9
    have testified in depositions or EUOs. But
10
11
    it's not that I'm not aware of the e-mail.
              Was this e-mail forwarded to you by
12
    anyone during the relief well effort?
13
14
              No. But I think we had
    conversations along the way -- I did not get
15
16
    the e-mail -- but the conversations along the
    way about speculation that there was a cavy
17
18
    at the bottom of the well that we had to
    account for to extend. It was there during
19
    the relief well operations --
20
21
          Q
              Okay.
              -- potential volume.
22
2.3
              Pardon me. I almost interrupted.
          0
    I think I should back up and lay foundation.
24
25
              You're familiar with this e-mail
26
    then; correct?
27
              Yes, I am.
          Α
2.8
              Okay. And the e-mail is dated
          Q
```

January 18, 2016, as you see there; right? 1 2. That is correct. Okay. To your knowledge, did any 3 Q of these individuals shown in this e-mail 4 have a role in attempts to kill well SS-25? 5 Yes, about all of them did. 6 7 Okay. And as we see here, the e-mail is from Bret Lane to John Wright; 8 9 correct? Yes, it is. 10 Δ 11 Just to make the connection back to 12 what we were talking about earlier. John Wright was the person who 13 reviewed the February 16th, 2016, Dynamic 14 15 Simulations report that we were just looking 16 at; correct? 17 That's -- he was listed at the Α 18 reviewer; yes. Okay. And the e-mail copies Morten 19 2.0 Haug Emilsen; correct? 21 A That is correct. And to tie it back to the Dynamic 22 2.3 Simulations report, Mr. Emilsen is the author of the February 16, 2016, Dynamic Simulations 24 report that we were also looking at; is that 25 26 correct? 27 I will say that the previous string e-mail was actually -- with the 2.8

1	attachment was from John Wright to Bret Lane.
2	Q Okay. Looking at the individuals
3	includes in this e-mail thread, the only
4	other individual besides Mr. Lane who appears
5	to have a Semprautilities.com address is
6	Hilary Petrizo; is that correct.
7	A Yes. That's what it shows.
8	Q Okay. So Hilary Petrizo had a role
9	related to well kill efforts of well SS-25?
10	A Hilary Petrizo was our geologist
11	and was involved basically involved in the
12	relief well operation.
13	Q Understood. Thank you.
14	And in the body of the e-mail at
15	the top, Bret Lane thanks John Wright for
16	pulling together a visual; correct?
17	A That's what he says.
18	Q Subject of the e-mail is, "SS-25
19	illustration with sands"; correct?
20	A That's the subject of the e-mail;
21	yes.
22	Q And in John Wright's email to Bret
23	Lane, he says he made the illustration. If
24	we scroll down. Scroll down slightly.
25	A Yes.
26	Q Is that correct?
27	A Yes, he does.
28	Q Okay. Turning to the next page

of this e-mail thread, January 18th, 2016, to 1 2. the page with the Bates stamp of AC CPUC SED 16 0023900. And if we scroll up 3 on that page with that Bates number, and if 4 we could zoom out slightly. 5 Mr. Schwecke, would you agree this 6 7 is almost the same image as the one in the Add Energy report called Dynamic Simulations 8 9 Aliso Canyon SS-25, dated February 16, 2016, 10 that we just viewed? 11 Yes, and I would expect it was 12 probably prepared by the same person. The difference is that the possible 13 washouts behind the casing extend to an even 14 higher depth than the WSO perforations at 15 16 8,475 feet, correct? 17 I'd have to look at the actual 18 document, prior document and see this --19 You don't want to accept that, 20 subject to check? 21 No. I prefer to look at the documents. 22 23 Understood. I can move on to 0 another question. I can withdraw the 24 25 question and move on. 26 As with the February 16, 2016 27 dynamic simulations report, the washouts behind the casing bridge the holes in the 28

```
casing above and below the packer, correct?
 1
 2.
              Well, I want to say that it's a
   possible washout. It's not necessarily a
 3
    washout. This is an area in contingency
 4
    planning for the relief well that this could
 5
    possibly happen, not that it was confirmed
 6
 7
    that this was actually occurring.
              Let's turn to the next page of this
 8
 9
    exhibit Bates stamp AC CPUC SED DR 17
10
    0023901. And I said it wrong. Pardon me.
11
    Let me restate that. AC CPUC SED DR 16
    0023901. And if we scroll to the top of that
12
    page and zoom out, this image shows the
13
    possible washouts behind the casing
14
15
    connecting the holes in the casing above and
16
    below the packer, correct?
17
              Yeah. This is same diagram as we
          Α
18
    looked at before, except it showed the 10
    percent incline in the well itself.
19
    wells aren't vertical. They're basically
20
21
    inclined or declined depending on the spatial
    representation. So it's the same diagram.
22
23
    It's just a different angle of the well.
              Understood. Okay.
24
                                  Thank you.
    Let's go to Exhibit SED-218, and if we scroll
25
26
    down, Bates number AC CPUC SED DR 16 0023727.
27
              And if we scroll up, I'll ask you,
    Mr. Schwecke, are you familiar with this
28
```

```
e-mail?
 1
              Yes, I am.
          A
              Okay. And this is an e-mail dated
 3
          Q
    December 27, 2015 from Jim LaGrone of Boots &
 4
    Coots to Hilary Petrizzo, correct?
 5
                    That's -- it is.
 6
          Α
              Yes.
 7
              And Hilary Petrizzo was included in
    the January 18, 2016 correspondence we just
 8
 9
    reviewed from Bret Lane to John Wright that
10
    showed the images with the possible washouts
11
    behind the casing, correct?
                    She was included on that
12
              Yes.
    e-mail.
13
14
              Okay. And this shows -- this
    copies Arash Haghshenas, correct?
15
16
          Α
              Yes, it does.
17
              Okay. Were you forwarded this
          0
18
    e-mail by anyone?
              Not that I can recall, but I know
19
    we had conversations about it. It's the same
2.0
    issue that was in the prior ones that we had
21
    to account for.
22
23
              Okay. The body of the e-mail says,
    quote, "Hilary, we have a new theory on what
24
25
    may be happening on SS-25." Do you see where
26
    I'm looking?
27
              Yes, I see that.
          Α
2.8
          O
              And I assume this inadvertently,
```

1	the term "happening" means "happening."
2	Would you agree?
3	A I would assume so.
4	Q The second paragraph says:
5	We believe now that the perfs on
6	the SS-25 may be in communication
7	above the packer through the
8	reservoir being washed out, and
9	essential having a plus or minus
10	600 bbl cavern behind the pipe.
11	Arash modeled a large casing
12	section to simulate two large
13	voids and they showed a good
14	correlation to what has taken
15	place on the last few kill jobs.
16	Do you see that?
17	A I see that as their as I
18	mentioned in the first statement, their new
19	theory.
20	Q And bbl stands for barrel; is that
21	right?
22	A That is correct.
23	Q And "Arash" here in the e-mail
24	refers to Arash Haghshenas, the person whose
25	name is copied on this e-mail; is that right?
26	A I believe so.
27	Q Okay. And the date of this e-mail,
28	just to be clear if we scroll up, the date of

this e-mail, December 27, 2015, that date is 1 after the last of the seven top kill attempts 2. on SS-25; is that correct? 3 A I believe so. 4 So when this e-mail says that Arash 5 modeled a large casing section to simulate 6 7 two large voids, in the second paragraph, that modeling discussed here is dated during 8 the relief well effort to kill Well SS-25 9 10 then; is that right? 11 Well, I think the modeling that he is referring to is the modeling that was done 12 for the top kill opportunity and the results 13 that we got through those, and he basically 14 15 modeled it with a large casing section and a 16 large void to see if he could match more up to what actually occurred. 17 18 Let's introduce SED-313. And if we go to the Bates number there, AC CPUC SED DR 19 20 16 0020036 and back to the first page of -back to the top here. And this one is an 21 e-mail dated February 6, 2016 from Bret Lane 22 23 and it copies, you; is that correct? 24 That is correct. Α 25 Okay. And the subject line is 0 Potential -- it's a forward, but it says in 26 the subject: "Potential communication 27 between P39A and SS-25 through WSO." Is that 2.8

1 correct? 2 A That's what it says. And P39A refers to the relief well 3 0 that was finally used to successfully kill 4 the target well, Well SS-25; is that correct? 5 6 That is correct. 7 Okay. And WSO in the subject line refers to water shutoff perforations, 8 9 correct? 10 Δ That would be my understanding of the basis of the e-mail. 11 Okay. So, this would suggest that 12 Bret Lane forwarded to you and others an 13 e-mail from Morten Haug Emilsen, correct? 14 15 Yes. That was the original e-mail A 16 from Morten. 17 And Morten -- the original e-mail 18 from Morten is dated also February 6, 2016, as shown just below the forwarded e-mail from 19 2.0 Bret Lane, correct? That's correct. I mean this 21 Yes. was a consideration for the relief well that 22 23 we had to take into account, something that might happen. So that's why the rest of the 24 individuals were copied and sent a copy of 25 26 the e-mail. 27 Let's go to, if we could --Okay. ALJ POIRIER: Let's go off the record. 2.8

1	(Off the record.)
2	ALJ POIRIER: We'll be back on the
3	record. We're going to take a break until
4	3:20. Thank you. Off the record.
5	(Off the record.)
6	(Recess.)
7	ALJ POIRIER: We'll be back on the
8	record. We're returning from a short
9	afternoon break and, Mr. Gruen, please
10	continue.
11	MR. GRUEN: Thank you, Your Honor.
12	Q Okay. Mr. Schwecke, if we could go
13	to your opening testimony again, on the page
14	with Bates stamp SoCalGas-2.0014, just scroll
15	down. And if we go to the okay. So
16	there's the Bates number and page 12 also,
17	and you start at line 21, if we could go
18	there. And you start:
19	On November 11, 2015, in order to
20	decrease the pressure in the
21	reservoir and potentially enhance
22	the ability to conduct a
23	successful well kill attempt,
24	SoCalGas purposefully began
25	withdrawing gas from the field,
26	even before either the CPUC or
27	DOGGR directed SoCalGas to do so.
28	Do you see that?

1	A That's my testimony.
2	Q Okay. And when SoCalGas began to
3	decrease reservoir pressure on November 11,
4	2015, was the reservoir at maximum pressure
5	for the season?
6	A No.
7	Q How close was it to maximum
8	pressure, at that point?
9	A It was quite away from that. I
10	know Ms. Felts said that we were near our
11	annual peak. Well, one, we don't have an
12	annual peak. The capacity (inaudible) 86
13	bcf. On November 11th, we were probably
14	closer to 77 bcf. So we were almost 10 bcf
15	below our maximum.
16	Q Is that typical for that time of
17	year?
18	A Each year varies time-to-time,
19	depending on how much storage was used and
20	how much you can inject in a given year.
21	Q Okay. So, did SoCalGas continue
22	adding gas to the reservoir, after SS-25
23	failed?
24	A I believe it wasn't for a couple of
25	days after. I think I stated in my testimony
26	somewhere. I can't remember exactly where.
27	Q Okay. And was the reservoir
28	pressure determined to be a problem with

killing Well SS-25? 1 2 No. It was not. How about just making it 3 Q Okay. more difficult? Was there a determination 4 that the reservoir pressure made it more 5 difficult to kill the well? 6 7 A No. There was no indication of that. 8 9 Q But, yet, SoCalGas did eventually 10 lower the reservoir pressure? 11 A Yeah. The one thing you achieve by 12 lowering the reservoir pressure is you will 13 reduce the amount of gas that's leaking the surface, because that's all determined by the 14 pressure in the reservoir, and as the leak 15 16 continued, reducing the reservoir pressure would reduce the amount of gas that's leaking 17 18 into the air. So by reducing the amount of 19 reservoir pressure -- first, let me be sure I 2.0 understand that. The amount of reservoir 21 22 pressure has a correlation. The more you 23 reduce the reservoir pressure, the more you would reduce the amount of gas that's leaked 24 25 into the air; is that right? 26 Let me add some context to it. On 27 storage operations, the amount of gas that can be reduced out of the reservoir is 2.8

directly correlated to the pressure in the 1 2. reservoir. As that pressure declines, the amount of gas that can be produced out of any 3 of the wells declines. 4 So when you had a leak like we had 5 at SS-25, if you are able to reduce the 6 7 pressure, then you'd reduce the amount of gas that's leaking. Very similar to a balloon 8 9 that's full of air, when it's fully maxed, air comes out a lot faster than when it 10 11 slowly basically reduces in pressure. 12 Okav. That's helpful. Was there any advantage from reducing the pressure for 13 the relief well, for the purposes of doing 14 the relief well? 15 16 No. There was not. A 17 Why not? 0 18 Well, the relief well was designed Α and the kill fluids used and the amount of 19 killing produced are used to kill the well, 2.0 21 was just dependent on what the pressure of the reservoir. Also, with their relief well, 22 you didn't have to overcome the flow of gas 23 by pumping down the well. You actually 24 inject the fluid at the bottom of the well. 25 At the bottom of the well, that allows you to 26 27 cease it coming in from the reservoir and not just substituting (inaudible). It was 2.8

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2.8

designed for what the pressure we expected to 1 2. see. 3 Let me just ask you, isn't it a concern to SoCalGas that gas was leaking into 4 the air? 5 6 Α Yes. And that's why we were 7 attempting to kill the well as quickly and as safely as possible and why we reduced the 8 9 reservoir pressure, to reduce the amount of 10 methane that was -- and gas that was released 11 in the air. But why did SoCalGas wait to lower 12 13 the reservoir pressure? Well, you know, we basically went 14 and we thought that the well kill that 15 16 occurred on the 13th would kill the well. We 17

also thought the one on the 15th would kill the well.

In addition, you couldn't start reducing immediately. You had to assess the situation. And we didn't know what the situation was when the leak started, whether there was a reservoir problem, whether there was more wells affected, how far spread across the field was gas migrating to surface? Because in order to become on withdrawals, you have to send people out in the field. You've got to make sure it's safe

before you do that and you're not going to 1 2. cause other problems. That's when we basically -- once we determined it was safe 3 and the well was going to have difficulty in 4 killing the well, that's when we started 5 6 reducing and withdrawing gas in the field. 7 Okay. That's helpful. Thank you. So wouldn't you withdraw from the 8 9 well remotely, without putting people in the field? 10 11 A No. Any time we bring a well on 12 withdrawal, there is actually people would 13 have to go to each of the wells and manually open up the valves. There is no remote 14 15 capability to operate those valves. 16 started by withdrawing as close to proximity to SS-25 to reduce the pressure near that 17 18 wellbore and then we also went to the entire 19 field. 20 I see. Okay. Bear with me a moment. 21 Let me ask you, I believe we were 22 23 referring to -- do you recall the, if we look back at Exhibit SED-321, if we look there, 24 and if we could go back to exhibit -- I'm 25 26 sorry, the Bates number there ending in 27 20609. And we have here the last sentence, 28 scrolling up to the top there of that e-mail.

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Let's go to Mr. Van de Putte's explanation.
 1
    Sorry. It might be on the next page. Pardon
 3
   me.
          ALJ POIRIER: Let's go off the record.
 4
              (Off the record.)
 5
                        Back on the record.
 6
          ALJ POIRIER:
 7
    Please continue.
          MR. GRUEN: Thank you, your Honor.
 8
 9
    Excuse me.
10
              So the page after the one ending in
11
    0020609, do you recall reading where I read
12
    at the end:
                In other words, just because the
13
14
                well had injection pressure on the
                surface doesn't mean the well was
15
16
                accepting gas and could have been
17
                plugged and just sitting at the
18
                injection pressure with no flow.
19
              Do you see that?
2.0
          A
              I see that statement.
21
              Okay. And I think I had asked you
    earlier that the last sentence in that SS-25
22
    could have failed somewhere before October
23
24
    23rd, 2015 forming hydrates that stopped the
    flow of injection of gas. So you remember me
25
26
    asking you that?
27
          A
              Yes, I remember that.
              And you said you disagreed with
2.8
          Q
```

that; is that right? 1 2. A That is correct. Why do you disagree with that 3 statement? 4 Well, I think when it was 5 6 identified late, people went onto the well 7 pad and basically they -- well, first of all, the day before, they're doing daily 8 9 inspections of the well pad, visual 10 inspections. And when a well is on 11 injection, you could tell that gas is flowing 12 on that well because you can hear it flowing down the well. 13 14 When they got to the October 23rd, they thought the gas was still on injection 15 16 because they could hear gas flowing. 17 So the day before, when they did 18 the visual inspections, everything was consistent or the days they've had 19 2.0 injections, others, you can go on-site and 21 you could tell, physically hear that a well is on injection. 22 2.3 Okay. So that suggests that if you hear that the well is on injection, it's not 24 possible to have injection and have hydrates 25 26 forming slightly that stopped -- that would 27 have at least impaired the flow of gas? 2.8 A I can't speculate on that. I would

also like to add, you know, that Blade Energy 1 found the same thing that the gas was flowing and the well was on injection, prior to the 3 leak. 4 Okay. Bear with me a second. 5 Can we go off the record a moment, 6 7 your Honor? ALJ POIRIER: Off the record. 8 9 (Off the record.) 10 ALJ POIRIER: Back on the record. 11 BY MR. GRUEN: Mr. Schwecke, why did 12 13 Mr. Van de Putte say that here, that it might not have been flowing? 14 15 Well, I don't think he basically 16 makes that interpretation. What he says is 17 that you could have a situation where the 18 pressures are equal and the gas is not flowing. But I don't think he makes the 19 20 conclusion that the gas was not injecting, 21 accepting gas at the time. 22 Okay. Mr. Schwecke, just do you 23 recall that I was asking you about a legal 24 hold that applied to Boots & Coots, correct? 25 Yes, I remember that. Α 26 And do you recall a legal hold you 27 were discussing -- we were discussing a legal 28 hold that applied to SoCalGas personnel as

well, correct? 1 2. That is correct. A Okay. So, I wanted to just, if you 3 Q recall, we were looking at a data request, 4 and we can go back to it if you like, the 5 exhibit number, but it was -- it was asking 6 7 about the recordings of communications that SoCalGas made with Dispatch. Do you recall 8 9 that? I recall the conversation. 10 11 Q Okay. Do you understand -- and you didn't recall the date that the legal hold 12 was provided to SoCalGas, if I understood; is 13 that right? 14 15 I do not recall the date Α 16 that the legal hold was issued. 17 Let me just probe that a little bit 0 18 more. Would it be your understanding -- is it your understanding that SoCalGas is 19 20 required to preserve recordings of 21 communications with Dispatch once the incident started? 22 I do not know that. 23 Δ Well, do you think it would be 24 Q 25 standard practice for SoCalGas to not have 26 recordings with Dispatch at the time that the 27 incident started? I don't recall what and know what 2.8 Α

Dispatch's requirements are. 1 2. But you recall me reading a data response to you that had noted that 3 SoCalGas records Dispatch communications, 4 correct? 5 That's what the data 6 A Yeah. 7 response said. So would SoCalGas have a 8 9 reason to have destroyed those 10 communications, those recordings? Excuse me. 11 I do not believe that we'd have a 12 reason to destroy those documents. I do not know what the policy is of that organization, 13 14 with regard to calls that come into Dispatch. 15 Okay. But this isn't just for 16 calls that come into Dispatch, but calls that come into Dispatch that relate specifically 17 18 to the incident. 19 So, as an officer of SoCalGas, is 2.0 it your expectation then that Dispatch keep recordings of its communications related to 21 the SS-25 incidents? 22 2.3 Well, again, I do not know who the legal hold was issued to. I know it was 24 25 issued to myself. If they were under the 26 legal hold and it did basically identify 27 recordings of those conversations, then I would fully expect that they abided by the 28

legal hold. But I do not know if they were 1 issued the legal hold and whether it 2. addressed the recordings. Either way, the 3 MCR is really the document that goes out and 4 not the internal conversation. 5 The MCR is for internal communications. 6 7 Okay. So you -- I'm sorry. The MCR -- there were a couple of things in that 8 statement. The MCR is for internal 9 communications, if I understood right, that 10 11 it was ultimately part of the MCR or a text 12 of the MC -- a text was actually provided to 13 SED; is that right? Well, it's my understanding SED 14 asked for a copy of the communications which 15 16 a copy of the MCR was provided. The MCR is our process for message center of any 17 18 incident, not just the Aliso Canyon SS-25 incident, but any time we have an incident in 19 20 our system, there are MCRs that are generated 21 and communicated widely out through the company. Several hundred people get those 22 23 MCRs on a regular basis and I must get 24 several a day. Okay. And just with regards to the 25 26 recording, is SoCalGas -- does SoCalGas have 27 concerns that the recording was -- that it was not able to provide the recording of the 28

1	communications with Dispatch to SED then?
2	A Again, I don't know what the
3	requirements of Dispatch are in the
4	recordings and so I can't speculate or opine
5	on that.
6	Q Do you know who can?
7	A I do not know.
8	Q Okay.
9	ALJ POIRIER: Let's go off the record.
10	(Off the record.)
11	ALJ POIRIER: We will be back on the
12	record.
13	While we were off the record, we
14	discussed the timing of today's hearings.
15	SED indicated that the next line of
16	questioning would extend beyond the deadline
17	that we had discussed for today's hearing.
18	So we're going to end a little bit early for
19	today and we will recommence tomorrow at
20	10:00 a.m., with the cross of Mr. Schwecke.
21	Thank you, everybody. And we will
22	be off the record.
23	(Off the record.)
24	(Whereupon, at the hour of 3:51, this matter having been continued to
25	10:00 a.m., March 19, 2021, virtually, the Commission then adjourned.)
26	1-13 2022221 21.211 22.511
27	* * * *
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1	BEFORE THE PUBLIC UTILITIES COMMISSION
2	OF THE
3	STATE OF CALIFORNIA
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6	CERTIFICATION OF TRANSCRIPT OF PROCEEDING
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15	EXECUTED THIS MAY 25, 2021.
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21	CAROL A. MENDEZ CSR NO. 4330
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2	OF THE
3	STATE OF CALIFORNIA
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22	CSR NO. 6706
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