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10	In the Matter of the Application)
11	of Laclede Gas Company for a) Temporary Variance from Certain)
12	Portions of Rule 10.A of Its) Tariff Regarding Meter Testing)Case No. GE-2005-0405
13	in Connection with Its) Implementation of an Automated)
14	Meter Reading Program)
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16	NANCY DIPPELL, Presiding DEPUTY CHIEF REGULATORY LAW JUDGE
17	ROBERT M. CLAYTON, III, LINWARD "LIN" APPLING,
18	STEVE GAW, COMMISSIONERS
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21	REPORTED BY: Monnie S. VanZant, CCR, CSR, RPR
22	Midwest Litigation Services 3432 W. Truman Boulevard, Suite 207 Jefferson City, MO 65109
23	(573) 636-7551
24	
25	

1 A P P E A R A N C E S 2 For Staff of the Missouri Public Service Commission: 3 Mr. Thomas Schwarz Missouri Public Service Commission 200 Madison Street 4 P.O. Box 360 5 Jefferson City, MO 65102 (573) 751-5239 6 7 For Office of Public Counsel: 8 Mr. Marc Poston Office of Public Counsel 9 200 Madison Street P.O. Box 2230 Jefferson City, MO 65102 10 (573) 751-5558 11 12 For Laclede Gas Company: 13 Mr. Michael C. Pendergast Attorney at Law 14 720 Olive Street St. Louis, MO 63101 15 (314) 342-0532 16 For USW 11-6: 17 Ms. Sherrie Schroder 18 Attorney at Law 7730 Carondelet, Suite 200 19 St. Louis, MO 63105 (314) 727-1015 20 21 22 23 24 25

PROCEEDINGS 1 2 JUDGE DIPPELL: Okay. Let's go ahead 3 and go on the record. This is Case No. 4 GE-2005-0405 in the Matter of the Application of the Laclede Gas Company for a Temporary 5 6 Variance from Certain Portions of Rule 10.A of 7 Its Tariff Regarding Meter Testing in 8 Connection With Its Implementation of an 9 Automated Meter Reading Program. My name is Nancy Dippell. I'm the 10 Regulatory Law Judge assigned to this matter. 11 12 And come here today, as it turns out, to 13 discuss a unanimous Stipulation and Agreement. 14 We'll begin by letting the attorneys make 15 their entries of appearances. And we'll start with Staff. 16 MR. SCHWARZ: Tim Schwarz, Deputy 17 General Counsel, P.O. Box 360, Jefferson City, 18 Missouri, 65012, appearing for Staff of the 19 20 Commission. JUDGE DIPPELL: Thank you. Ms. 21 22 Schroder? 23 MS. SCHRODER: Sherrie Schroder, 7730 24 Carondelet, Suite 200, St. Louis, Missouri, 63015, appearing for USW 11-6. 25

JUDGE DIPPELL: Mr. Pendergast? 1 2 MR. PENDERGAST: Thank you, your 3 Honor. Michael C. Pendergast and Rick Zucker, 4 appearing on behalf Laclede Gas Company. My 5 business address is 720 Olive Street, St. 6 Louis, Missouri, 63101. 7 JUDGE DIPPELL: Mr. Poston? 8 MR. POSTON: Marc Poston for the 9 Office of the Public Counsel, P.O. Box 2230. Jefferson City, Missouri, 65102. 10 JUDGE DIPPELL: And was there anyone 11 12 else -- I guess technically DNR was made a 13 party to this case -- or no. I'm sorry. Not that one. I -- I was working on another case 14 down here. 15 16 MR. SCHWARZ: They all look the same. JUDGE DIPPELL: Okay. Another --17 another agreement. Back to Laclede. And if I 18 call Laclede Ameren today, that's -- that's 19 20 been, you know, par for the course today, too. 21 So I'd like to begin with having some 22 opening statements. Perhaps the parties can 23 kind of present the Stipulation a little bit. 24 Would Laclede or Union Laclede, would you like 25 to begin?

1	OPENING STATEMENT
2	BY MR. PENDERGAST:
3	MR. PENDERGAST: Thank you, your
4	Honor. As I mentioned, we're here today to
5	consider a Stipulation and Agreement that's
6	been submitted by Laclede, the Commission staff
7	and the United Steel Workers Local 11-6 for
8	resolution of all the issues in this case.
9	Public Counsel has also indicated and
10	allowed us to represent the Stipulation and
11	Agreement. They have no objection to the terms
12	of the Stipulation and Agreement. So I think
13	it's fair to go ahead and treat it as a
14	unanimous Stipulation and Agreement for
15	purposes of this proceeding.
16	Before the proposed settlement was reached
17	by the parties, the parties submitted an issue
18	list on March 28th, 2006, in which they
19	identified the sole issue under consideration
20	in this case.
21	I think it's fair to say that while some
22	safety concerns were raised, at least
23	initially, we were able to go ahead and work
24	our way through that. And I think that the
25	issue list that was ultimately submitted and

the identification of the issue in that issue list indicated that what this case was really all about was to make sure that anything we did in terms of operating under the variance wouldn't frustrate the basic premise and purpose of the Commission's meter testing program.

8 And, of course, the basic purpose of that 9 program is to make sure that you identify and, 10 more importantly, remove and either fix or 11 replace those meters that because of their age, 12 condition or other factors have indicated or 13 suggested that they may not be as reliable as 14 the Commission's rules require them to be.

And, essentially, the parties summed up 15 16 the issue in terms of whether good cause exists for Laclede's request for a temporary variance 17 replaced designated non-AMR compatible meters 18 in lieu of meter sampling, and, more 19 20 specifically, whether a temporary variance with 21 statistical meter sampling program would 22 satisfactory the objectives of the meter 23 sampling and the underlying regulation or as 24 otherwise justified.

And as I just indicated, that underlying

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regulation is the meter testing regulation with 1 the overall purpose of making sure that we have 2 3 reliable meters out in the field so that we can 4 get a reliable and accurate gauge of what 5 customers are actually consuming. 6 I think if that's the underlying principle 7 and the underlying consideration in whether the variance should be granted that there is no one 8 9 who would question that it should at this 10 point. In fact, I think everybody would be able 11 12 to go ahead and give an unqualified yes to the 13 granting of the variance. I say that for a number of reasons. On a shorter-term basis, a 14 temporary variance will enable Laclede to 15 16 remove and replace a significantly greater number of those meters that are most likely to 17 fail and prove unreliable. 18 Specifically, as a result of the temporary 19 20 variance, Laclede will not only be replacing 21 those meters that have been targeted for 22 replacement and scheduled for replacement under 23 the statistical meter sampling program because 24 of various considerations I mentioned, but also 25 14,000 obsolete meters that are incompatible

with the installation of the AMR device. 1 2 Notably, these are all older meters that 3 have either been discontinued or are no longer in use or can't be configured to accommodate a 4 5 automatic meter reading device. And they are 6 ones that would probably in all likelihood have 7 to be replaced sooner rather than later under the statistical meter sampling program. 8 9 In any event, we're replacing them now. And when you add up all the obsolete meters 10 that we're replacing as a result of the 11 12 deploying the AMR process and also the 13 scheduled meters that were targeted to be 14 removed and either fixed and replaced, we will be taking out and are taking out a far greater 15 16 proportion of those meters that are questionable than would have otherwise been the 17 case without the variance. 18

19On a longer-term basis, I think that the20process that we've come up to will also help us21accelerate or at least advance the cause of22getting AMR deployed.

In addition to the meters that I've talked
about, the obsolete ones and the ones that were
already targeted, we will also be accelerating

the replacement of meters that had already been identified as subject to replacement next year under the statistical meter sampling program.

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4 And to the extent we can replace them this 5 year and do that in coordination with the AMR, 6 we have made a commitment to do that. And that 7 has the benefit of not only taking meters that are supposed to be removed out of service 8 9 earlier, but it will also allow us to go to the customer's premises once, basically, install a 10 meter with the AMR device already on it so that 11 12 we won't have to come back next year and say, 13 This was scheduled to be replaced, now we need 14 to go ahead and get inside again and replace it. So we think that's a positive as well. 15

16In addition, it helps us to conclude our17deployment of AMR. And that is probably the18biggest advance in making sure that we're19accurately assessing what a customer is20actually consuming on a contemporaneous basis21since it will virtually eliminate the need for22estimated bills.

We'd be getting real time readings of the
customer's actual usage each and every month
with the AMRs installed, even though

1	circumstances where we have traditionally had
2	problems doing so because of the location of
3	inside meters.
4	For all of these reasons, we think that
5	granting the variance is certainly justified
6	and will not only meet the purposes of the
7	Commission's meter testing regulations, but
8	actually further them beyond what those
9	regulations contemplate.
10	We would accordingly urge the Commission
11	to approve it. Thank you.
12	JUDGE DIPPELL: Okay. Wait just a
13	moment, Mr. Pendergast, before you step down.
14	And before I let the the Union say
15	something. I just want to ask you one specific
16	question.
17	And that is, how does what you agreed to
18	differ from what you originally asked the
19	Commission to allow?
20	MR. PENDERGAST: Yeah. And I think
21	you can go ahead and see that in the
22	Stipulation and Agreement itself. And I am
23	pleased to go ahead and say this is the
24	shortest Stipulation and Agreement I've ever
25	filed with the Commission.

1 Aside from the standard provisions, we really only have two. The first is to go ahead 2 3 and indicate or suggest that the Commission approve the verified application for variance. 4 5 And the second one is the one that 6 basically has, if you will, the variation from 7 what we had originally proposed, which is what we're also implementing, as can you see. 8 9 What it does is it talks about the acceleration and replacement of meters that 10 weren't scheduled to go ahead and be replaced 11 12 and fixed until next year. That provision says 13 that we will make an effort to do that, to the extent that we can do it, in coordination with 14 our AMR. 15 16 We also indicate that to facilitate that, 17 in part, we will be utilizing our meter shop employees to install the AMR device on these 18 meters in advance of when they are taken out 19 20 into the field and installed in advance of when 21 they otherwise would be. 22 So, essentially, that is the additional 23 element that is reflected in the Stipulation 24 and Agreement. Other than that, the terms of 25 the original variance request, we are

1	recommending be approved.
2	JUDGE DIPPELL: Okay. So the terms
3	in paragraph 2 are are basically in addition
4	to your original request?
5	MR. PENDERGAST: I think it would be
6	fair to say that, yes.
7	JUDGE DIPPELL: Okay. Ms. Schroder,
8	would you like to respond or
9	MS. SCHRODER: Certainly.
10	OPENING STATEMENT
11	BY MS. SCHRODER:
12	MS. SCHRODER: I think that the Union
13	was the one group that was recommending against
14	approving this variance originally, so it makes
15	some sense to express why why we have now
16	entered into this unanimous Stipulation.
17	The Union raised several issues
18	originally. One of them was a safety issue.
19	We were concerned that outside installers who
20	were not trained professional gas gas
21	workers would be installing the the AMR
22	compatible meters instead of trained gas
23	professionals replacing and installing
24	inaccurate meters, and that those people
25	wouldn't be carrying leak detectors, and they

wouldn't otherwise be trained to detect gas
 leaks. So that was -- that was our principle
 concern.

In the course of discovery, we learned 4 5 that the AMR compatible meters were, in fact, 6 being installed by Laclede employees who are 7 gas workers and trained to -- to look for gas leaks and were carrying those devices and that 8 9 -- all right. So that was -- that sort of took out the safety aspect as far as we were 10 concerned. 11

12 We then, through this negotiated 13 settlement, actually have what we believe we 14 have added yet additional safety. Trained Laclede gas employees are going to actually be 15 16 installing the AMR device on eight to 10,000 17 more meters in the shop. And, therefore, you 18 know, we know that those are being installed correctly, that that AMR device is being 19 20 installed on these meters in a professional way 21 that will not be causing gas leaks. So that's 22 a very important plus to us.

We also know through this procedure that
other AMR devices are going to be installed by
the manufacturer of the meters, the new meters,

rather than in the field. And the manufacturer 1 is also -- you know, has trained employees who 2 3 know how to do this correctly. And so we 4 believe that that's another plus. 5 That's not something that was added 6 because of settlement, but that's something 7 that we learned during the process. We also believe that this adds safety 8 because it -- it accelerates the installation 9 of AMR and the replacement of inaccurate meters 10 through, again, the use of these trained 11 12 professionals. So that increases the number of 13 meters that are checked for leaks, both the AMR 14 compatible meters that are being installed and the inaccurate meters that have been picked up 15 16 from prior meter sampling that are being installed. 17 Originally, I -- I think Laclede's 18 original numbers in its variance proposal were 19 20 that they had anticipated there would be originally approximately -- if they hadn't been 21 22 doing this AMR variance that there would have been approximately 20,000 meters replaced in 23 24 this 2005/2006 year that through their 25 variance, they were now upping it to 26,000

1 meters that would be replaced, older style 2 meters. 3 With this settlement, we are increasing it 4 again, to, I think, around 30,000 meters is 5 sort of the -- the hope. 6 Laclede has already replaced, as I 7 understand, about 9,000 AMR incompatible meters. There's -- then there's -- by 8 9 accelerating the number of meters being 10 replaced this year that were inaccurate, that's how we get the additional approximately 4,000 11 12 meters that hopefully will get replaced this 13 year. This also hits the -- or satisfies the 14 goal that PSC Staff identified when they 15 recommended approval of the variance last year, 16 which was speeding up installation of the 17 automatic meter reading devices so that we have 18 actual reads rather than estimated reads. 19 20 And it does that more than what the 21 original variance asked for because, by 22 installing an additional, say, 4,000 this year, AMR compatible will -- yeah -- AMR meters with 23 24 the AMR device already installed, then -- and 25 actually, it would be more than that.

1	But making sure that these new meters that are
2	going in all actually have the AMR device
3	already installed, then it means that those
4	meters are ready to do to have actual reads
5	immediately.
6	And as Mr. Pendergast mentioned, the AMR
7	incompatible meters were older meters, as were
8	the inaccurate meters that were already
9	identified to be replaced.
10	It also makes the installation much more
11	efficient for the customer because instead of
12	having to go contact them twice, once to
13	replace an incompatible meter and once to
14	install the AMR device, they're getting an AMR
15	installed meter. So it's just one contact.
16	And I think that takes care of that.
17	It certainly takes care of all of the
18	concerns that USW 11-6 had with the variance.
19	Thank you.
20	JUDGE DIPPELL: Thank you.
21	Mr. Schwarz, did you have anything to add?
22	OPENING STATEMENT
23	BY MR. SCHWARZ:
24	MR. SCHWARZ: Well, I would I
25	would like to remind the Commission that its

Rule provides that all meters will be replaced 1 on a ten-year cycle. Given that the life 2 3 expectancy of a meter is considerably longer 4 than that, all of the major LDCs in the state 5 have established sampling programs by which 6 they stratify their meters by age and model and 7 do a statistically valid sample each year of those models. 8 9 If a -- the Commission's rules also specify that meters have to read within 2 10 percent of the actual gas flow. If the -- the 11 12 -- the sample meters -- if -- say, 90 percent 13 of -- of them are accurate, 10 percent are 14 inaccurate, the variance setting up the sampling program requires that those meters --15 meters within that sampling group be replaced 16 17 within a given period. If 15 percent are inaccurate, that period is in accordance. 18 So what you're talking about is if -- if 19 20 the meter sampling program identifies a meter 21 type and age that is -- appears to be on its 22 last legs that it -- it has a replacement 23 schedule that extends over several years. 24 The variance that Laclede requested said

rather than test -- you know, test these meters

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in a statistical sample, instead, we've got
these older meters that we'll have to replace
anyway in the AMR program. We propose rather
than do the sampling, we'll simply replace
these older meters with newer meters that are
compatible with the AMR devices.

7 And then at the -- after the end of the 8 installation period of the AMR, when the AMR 9 program is completely installed, we'll return 10 to the -- to the statistical sampling program 11 to continue to test the accuracy of the meters.

12 Staff never perceived any safety problems 13 with that. We recommended that the program be 14 approved because it would get older meters out 15 and, frankly, a larger number of meters 16 replaced than would happen under the program.

The settlement, I think, the Union, as 17 they said, finally recognized that this is not 18 a pertinent threat to -- to gas safety. And 19 20 the settlement means that the meters that are 21 being installed will have the AMR devices 22 attached, which means that you're only 23 bothering the customer once to get access to 24 the premises. And in addition, accelerates those -- those programs from past years that 25

1	have identified meters that need replacement.
2	Those will be additional ones will be
3	replaced during the time period of this
4	variance as well so that more meters will be
5	taken out of service and replaced than
6	otherwise would be. And Staff believes that's
7	perfectly appropriate.
8	JUDGE DIPPELL: Thank you.
9	Mr. Poston, did Office of Public Counsel have
10	anything to add?
11	MR. POSTON: Excuse me. I have
12	nothing further to add to that. Thank you.
13	JUDGE DIPPELL: Okay. Let's see then
14	if there are any Commission questions.
15	Commissioner Clayton, did you have some
16	questions?
17	COMMISSIONER CLAYTON: Mr. Poston,
18	I'm going to start with you just because you
19	you ended first. You said you had nothing to
20	add.
21	Does that mean you support the Stipulation
22	and Agreement?
23	MR. POSTON: Well, we were not a
24	signatory to the Stipulation. We do not oppose
25	the Stipulation. We didn't come out and

1	support it. Well, we looked at the Stip at
2	the Stipulation, basically, for accuracy.
3	If the meters are accurate, if there's
4	going to be, I guess, a reduction in accuracy
5	because of this program or and for safety
6	concerns and based on the representations of
7	the other parties, there didn't seem to be any
8	accuracy or safety concerns. That's what we
9	based our non-opposition on.
10	COMMISSIONER CLAYTON: You based your
11	non-opposition on that.
12	MR. POSTON: Correct.
13	COMMISSIONER CLAYTON: Did Office of
14	Public Counsel have a position in the case as a
15	whole, whether or not to approve or not approve
16	the variance request filed by Laclede?
17	MR. POSTON: No. We have not filed
18	any any position, if that's what you're
19	asking.
20	COMMISSIONER CLAYTON: So you all
21	didn't take a position on the actual waiver
22	request either?
23	MR. POSTON: No. I mean, just
24	just the extent that we don't oppose the
25	Stipulation, which approval of the variance.

1	COMMISSIONER CLAYTON: Well, I don't
2	want to belabor this, but it's happened several
3	times. I guess I'm trying to figure out what
4	to read into a statement of non-opposition or
5	not taking a position on it.
6	I mean, are are we to draw from Office
7	of Public Counsel's position that that it
8	supports the waiver request, or is it just
9	simply that it doesn't do any harm or exactly
10	tell me what I should take from your your
11	testimony here today.
12	MR. POSTON: Well, due to the limited
13	resources that our office has, we don't have
14	the expertise to to look into the issues
15	like safety that Staff has. And so we, to an
16	extent, have to rely on some of Staff's
17	representations.
18	And because we're relying on on other
19	parties, I thought it would be best that we
20	just don't oppose the Stipulation instead of
21	coming out and taking a stand you know,
22	having gone through and been able to with our
23	own Staff look into those safety issues and
24	things like that.
25	COMMISSIONER CLAYTON: Do you have

1	safety people on staff that do you have
2	people that can address safety issues on staff
3	of Public Counsel's office?
4	MR. POSTON: No.
5	COMMISSIONER CLAYTON: Not at all?
6	MR. POSTON: No engineers.
7	COMMISSIONER CLAYTON: Okay. Well,
8	thank you for your statement of neutrality here
9	today. Very helpful.
10	MR. POSTON: Thank you.
11	COMMISSIONER CLAYTON: I'd like to
12	address first first of all, Mr. Schwarz,
13	Staff Staff supported the waiver application
14	from the start; is that correct?
15	MR. SCHWARZ: That's correct, sir.
16	Staff recommend recommended approval.
17	COMMISSIONER CLAYTON: And Staff
18	supports the Stipulation that's been submitted
19	by the parties
20	MR. SCHWARZ: That's correct, sir.
21	COMMISSIONER CLAYTON: thus far?
22	Would Staff agree or disagree that the
23	Stipulation and Agreement is an improvement on
24	the original application?
25	MR. SCHWARZ: Staff would agree.

1	COMMISSIONER CLAYTON: Okay. Does
2	Staff have any suggestions to further improve
3	the nature of the waiver request or any other
4	concerns that the Commission should be aware of
5	in this proceeding?
6	MR. SCHWARZ: No, sir.
7	COMMISSIONER CLAYTON: Okay. There's
8	nothing else we could be doing in terms of
9	safety or accuracy or improving the process
10	associated with this application?
11	MR. SCHWARZ: No, sir.
12	COMMISSIONER CLAYTON: Okay. Thank
13	you. I'd like to go to, I guess, briefly
14	Mr. Pendergast, I'll go to you, and I'll finish
15	up with with the complainant, since that is
16	where the concerns were first raised.
17	Does Laclede believe that that this
18	Stipulation and Agreement is an improvement
19	upon its waiver, or is it does it see this
20	as negatively impacting its operations or I
21	know you've settled this case.
22	But can can Laclede give me an
23	assessment of what this agreement does in
24	normal operations at Laclede?
25	MR. PENDERGAST: Sure. I'd be happy

1	to, Commissioner. Essentially, obviously, we
2	thought the initial waiver request was
3	appropriate because we requested it.

And if we thought that there were any safety concerns or other concerns, we would have addressed them upfront when we proposed it.

That being said, and even though a similar 8 9 waiver had been granted to Missouri Gas Energy a number of years ago in connection with its 10 deployment of AMR, we sat down, we talked with 11 12 our Union folks, and we tried to go ahead and 13 reach an accommodation that made business sense, that would go ahead and get this 14 resolved so we could continue to move forward 15 16 and get things done.

And I think as reflected in the 17 18 Stipulation and Agreement, what we came up with was something that -- that effectively 19 20 indicates that to extent that we can accelerate 21 some of these meters that are already being 22 targeted for removal from next year and do it 23 in coordination with our AMR program so that we 24 have somebody at the meter shop sticking AMR 25 device on it, take it out, install it on the

customer's premises in advance of AMR being there.

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3 That will be one less that the folks that 4 are installing the AMR will have to do. And 5 that will be a situation where we'll be able to 6 go ahead and bother the customer once rather 7 than having to go ahead to and bother them to put the AMR device in and then come in the 8 9 preceding year the next year and say, We now have to go ahead and replace the meter that we 10 put this device on. 11

12 So we think, from that standpoint, it was 13 certainly a reasonable thing to do. It was one 14 of those win-win situations. I do have to say 15 that, that from our perspective, we don't 16 believe that -- that safety was ever an issue 17 here.

18We think that, you know, it's basically19just a case of how do you most efficiently20undertake this exercise. And it's a massive21one of installing 630 or 640,000 of these22devices to contribute to more accurate meter23readings in the future.

24But, you know, that said, we were willing25to sit down and work out something if it made

1	sense. We think this does. And, you know, if
2	in future cases, if we think something
3	doesn't make sense, wouldn't impose an
4	additional costs on our customers or wouldn't
5	put additional inconvenience on our customers,
6	we'll respond accordingly to that.
7	COMMISSIONER CLAYTON: I appreciate
8	you saying the win-win circumstance.
9	Generally, the Commission likes the
10	win-win-win type of settlement.
11	Do you believe that this is if I assume
12	if I if I accept your statement that
13	safety was never an issue, if I accept that in
14	your argument, can we say does Laclede
15	believe that this still would be an improvement
16	on safety, an improvement on accuracy in
17	arriving at this Stipulation and Agreement?
18	MR. PENDERGAST: I, quite frankly,
19	wouldn't say that it's an improvement on
20	safety. I wouldn't say that it I I would
21	have to say that, at least at the edges, it may
22	be a an improvement on accuracy, only from
23	the standpoint that we were accelerating
24	further, taking some of these meters that have
25	been previously identified as being in kind of

1	the suspect category and that we didn't have to
2	replace until next year.
3	And to the extent that we can replace them
4	sooner, you know, we get new meters out there
5	in the field a little bit earlier than we
6	otherwise would, and those new meters should
7	have less reliability problems than the ones
8	we're taking out.
9	So I think from that that standpoint,
10	it is. And, certainly, from the standpoint
11	that it helps us advance the implementation of
12	AMR, which will be a quantum leap in having
13	accurate contemporaneous bills each and every
14	month. It's helpful to that as well.
15	COMMISSIONER CLAYTON: Can you tell
16	me how many how many meters in in
17	Laclede's territory have AMR right now?
18	MR. PENDERGAST: I think the last
19	time I checked, this morning on the drive up
20	here, it was in excess of slightly in excess
21	of 300,000.
22	COMMISSIONER CLAYTON: And how often
23	I want to ask you just quickly a couple of
24	questions just for my background.
25	How often are those meters tested that

1	have AMR? Do you know?
2	MR. PENDERGAST: I do not know how
3	often those meters are tested that have it.
4	Well
5	COMMISSIONER CLAYTON: How often
6	MR. PENDERGAST: The meters
7	underlying the AMR device would be tested in
8	exactly the same way they are today.
9	COMMISSIONER CLAYTON: Same way.
10	Okay.
11	MR. PENDERGAST: The device does not
12	change.
13	COMMISSIONER CLAYTON: Okay. Okay.
14	And how often are the meters read with the
15	device?
16	MR. PENDERGAST: Actually, we have
17	contracted to get a monthly reading on the
18	device. But they are capable of providing a
19	reading every 15 minutes, is my understanding.
20	COMMISSIONER CLAYTON: Tell me how
21	they work. How are they read? With an AMR
22	with an Automated Meter Reader?
23	MR. PENDERGAST: Yeah. It has to do
24	with some complicated electronic stuff that I
25	think my engineer sitting next to me would

1	probably be in a better position to answer you
2	if I could allow him to do so.
3	COMMISSIONER CLAYTON: Well, it
4	doesn't require a person to go visit the
5	device, does it?
6	MR. PENDERGAST: No, it does not.
7	COMMISSIONER CLAYTON: Does it take
8	someone to drive by the device? Does it take
9	someone to drive the neighborhood? Does it
10	someone to
11	MR. PENDERGAST: The way I understand
12	it, the provider, Cell Net, already has AMR
13	installed in the same service territory for
14	AmerenUE. And I think we'll be using the
15	backbone of their system in order to do it.
16	And my understanding is they have towers
17	around the service territory, and they receive
18	the electronic feed from the AMR device that
19	basically reports what the meter is registering
20	at that given point in time.
21	COMMISSIONER CLAYTON: Okay. Okay.
22	And then how often would a meter that does not
23	have AMR be read?
24	MR. PENDERGAST: A meter that doesn't
25	have AMR well, we will have some meters that

1	still will not have AMR devices simply because
2	they're large commercial meters.
3	COMMISSIONER CLAYTON: I understand.
4	Just
5	MR. PENDERGAST: And we will be doing
6	that once a month.
7	COMMISSIONER CLAYTON: One okay.
8	Okay. Okay. Thank you. I may have may
9	come back to you depending on
10	MR. PENDERGAST: Thank you.
11	COMMISSIONER CLAYTON: Ms. Schroder?
12	MS. SCHRODER: Yes.
13	COMMISSIONER CLAYTON: Let me get my
14	notes. Can you can you identify for me
15	and I have your Complaint up here, and I was
16	re-reviewing it.
17	Can you tell me what relief you were
18	requesting when you filed your Complaint?
19	MS. SCHRODER: Originally?
20	Originally?
21	COMMISSIONER CLAYTON: Right.
22	MS. SCHRODER: We wanted we wanted
23	the Commission to
24	COMMISSIONER CLAYTON: Excuse me.
25	Not the Complaint. I'll get to the Complaint. I

1 meant the -- the objection or the --2 MR. SCHWARZ: Statement of position. 3 COMMISSIONER CLAYTON: Statement of position or objection or whatever it is. 4 5 MS. SCHRODER: Yes. COMMISSIONER CLAYTON: Thank you for 6 7 correcting me. I'll remember that. 8 MS. SCHRODER: We basically wanted 9 Laclede to go ahead and replace the inaccurate meters. We wanted to continue with the 10 sampling program. We didn't see that replacing 11 12 AMR incompatible meters required that --13 required the sacrifice to accuracy that Laclede 14 was asking for. That, you know, if you accept the premise 15 16 that the Commission's meter sampling program improves accuracy, and we do, then we felt that 17 it was important to replace meters that had 18 been identified as inaccurate and that those 19 20 are not necessarily the oldest meters, so they 21 were not necessarily going to be the older 22 style meter identified by Laclede as being AMR 23 incompatible. 24 While we agreed that those meters are 25 older style, it's not clear that all old meters

are going to be inaccurate, especially -- it 1 seems like anymore things are being made quite 2 3 disposably, and sometimes the older equipment 4 holds up better than newer things. 5 And it hadn't been proven to us that, in 6 fact, those were the meters most likely to be 7 inac -- inaccurate. If so, they would have been the meters that had been slated for 8 9 replacement under the meter sampling program. We were also concerned -- we were -- we 10 were very concerned at that time that those 11 12 meters, the -- that instead of replacing the 13 inaccurate meters with Laclede employees who 14 were trained professionals that they were going to be -- that this outside contractor was going 15 16 to be replacing the meters that are AMR 17 incompatible, and that was the concern. COMMISSIONER CLAYTON: And that would 18 be -- that would be a contractor completely 19 20 separate from the manufacturer, correct? 21 MS. SCHRODER: Correct. Correct. 22 COMMISSIONER CLAYTON: Okay. 23 MS. SCHRODER: And that was a concern 24 to us because we felt that there wouldn't be the -- with the sort of an unanticipated 25

1 benefit to the meter sampling program is that these older style meters or the older meters 2 3 that are being sampled are also being checked 4 for gas leaks while they're being sampled. And 5 that has been an unintended, but long-term 6 benefit. 7 And, again, we thought that it was important that that continue. And as it turns 8 9 out, with this Stipulation, there are substantially more meters being replaced this 10 year than would have been replaced under just 11 12 meter sampling. So it's increased the -- the 13 safety aspects of that. There also -- there's still going to be, 14 you know, a substantial number of inaccurate 15 meter -- of known inaccurate meters replaced. 16 17 COMMISSIONER CLAYTON: Forgive me. 18 I've got to ask just a few basic questions here, and then I'll hopefully basic and quick. 19 20 Under the -- under the application, the 21 verified application for -- for how -- how this 22 would be done, would the contractor remove the 23 meter, or would it install the meter -- the AMR on-site and test or -- because in the 24 25 Stipulation, you actually have work being done

1	off-site,	and I	don't	know	if	that's	a
2	difference	betwe	een				

3 MS. SCHRODER: Right. One of the 4 things that is happening with AMR in general, 5 not just on this variance issue, but with AMR 6 in general, a lot of the -- most of the 7 devices, the AMR devices, are being installed on-site by the contractors, employees. And 8 9 they're not trained gas workers. And that has been a -- and will continue to be a safety 10 concern for 11-6. 11

12 And we're going to -- I mean, we have 13 raised -- we have filed some other issues with 14 the PSC that may be addressing that, and we 15 intend to address that at some point with you 16 directly.

But in this particular case -- and that 17 was a concern of ours at first. In this 18 particular case, the meters that are being 19 20 taken out and replaced with AMR compatible 21 meters, they weren't actually being replaced at 22 the -- until the Stipulation that we've -- the 23 Stipulation Agreement, they would not have been 24 replaced with the AMR device on them. Just the 25 meters were being replaced.

1	And that work was still going to the
2	trained professionals that are the gas workers
3	at Laclede. But we didn't know that when
4	Laclede filed their request for the variance.
5	COMMISSIONER CLAYTON: Okay. Do you
6	believe that will this Stipulation and
7	Agreement or this case have any impact on the
8	alleged billing problems that have occurred in
9	St. Louis? Does it have any effect with that
10	<pre>from from your client's perspective?</pre>
11	MS. SCHRODER: Yeah. I think the
12	only it may have some. I think that because
13	there are going to be more inaccurate known
14	inaccurate meters replaced now under the
15	Stipulation and Agreement, that should help.
16	We're not talking about a huge percentage.
17	But we're talking about an acceleration of
18	maybe four to 5,000 inaccurate meters that are
19	being replaced. And because it's accelerating
20	the installation of AMR, which we've been told
21	repeatedly is going to be more accurate,
22	assuming that is correct, it should also take
23	care of that whole issue of estimated versus
24	actual reads.
25	Because although the AMR reads are remote,

1	they are supposed to be act they are
2	supposed to be actual reads as opposed to
3	estimated reads.
4	COMMISSIONER CLAYTON: So does your
5	client believe that AMR will lead to improved
6	accuracy or not?
7	MS. SCHRODER: Not initially. I
8	mean, I my client doesn't have all of the
9	the data on the accuracy of AMR.
10	But we anticipate that at the beginning
11	there will be bugs in AMR as there is in most
12	new technology. And we have certainly been
13	through a cycle with Laclede where they tried a
14	number of different devices to remotely read
15	meters. And most of those well, they
16	failed. And that's why there is estimated
17	reads.
18	But, you know, hopefully, Laclede will be
19	correct and AMR will eventually be more
20	accurate.
21	COMMISSIONER CLAYTON: When I started
22	off, I misspoke and made reference to the
23	Complaint case. And I had it written down on
24	here, and I looked at it and said Complaint.
25	But I'd like you you just referred to

1	it in one of your comments just recently here.
2	How does the Complaint case that's also pending
3	before the Commission relate to this case and
4	this Stipulation?
5	MS. SCHRODER: It
6	COMMISSIONER CLAYTON: If at all.
7	MS. SCHRODER: Yeah. It doesn't
8	relate to it to a great deal.
9	This this case is the most different of
10	the cases that USW 11-6 is involved in, in that
11	this one really had the least safety aspect to
12	it. The other cases really are about safety
13	and are
14	COMMISSIONER CLAYTON: How many cases
15	are there?
16	MS. SCHRODER: I think we have
17	after this one, we have three active cases.
18	COMMISSIONER CLAYTON: Do you really?
19	MS. SCHRODER: Yeah. We have the
20	tariff revision case well, there's the
21	estimating case that Staff just recently filed.
22	And then
23	COMMISSIONER CLAYTON: That's a
24	that's a Staff Complaint case?
25	MS. SCHRODER: Right. And we

1	intervened.
2	COMMISSIONER CLAYTON: Okay.
3	MS. SCHRODER: And then there's the
4	Grunsky bag case that we filed.
5	MR. SCHWARZ: 313.
6	MS. SCHRODER: Yeah. 313 we filed a
7	month two months ago, I think.
8	COMMISSIONER CLAYTON: Is that a
9	Complaint case?
10	MS. SCHRODER: Yes.
11	COMMISSIONER CLAYTON: What is that,
12	the Grunsky bag case?
13	MS. SCHRODER: A Grunsky bag is a
14	method that Laclede is using and other gas
15	companies have used, but Laclede is using to
16	replace meters without turning off the service.
17	And it's kind of a complicated technological
18	situation.
19	But what Laclede is is doing there is
20	when they are replacing these meters without
21	turning off the service, they're not going in
22	afterwards and doing the the appliance
23	inspections that they normally do when they
24	replace a meter.
25	And that's the Union's complaint about

1 that, that we, again, think that's a safety -2 safety issue.

And then the tariff revision complaint, which was the one you referred to earlier, has several safety aspects to it. You have probably read the -- the Union's Motion for Expedited Relief pertaining to the turn-off/turn-on inspections.

9 But there's also -- Laclede's also asked 10 in its tariff basically not to do annual meter 11 reading. And that -- that is another issue 12 that the Union feels has a safety aspect to it, 13 again, because when annual reads are done, 14 there is a leak detector device that all of the 15 meter readers carry.

And they are trained to, you know, smell the odor and -- and look for certain things on the outside when they're doing these annual meter reads, check for debris that may be causing -- or soon to cause issues with the meter, check for corrosion, things like that.

22 COMMISSIONER CLAYTON: On the third 23 case, the tariff revision or the objection, 24 complaint against the tariff, is it primarily a 25 safety case, or is it one relating to billing?

MS. SCHRODER: No. None of -- none 1 2 of the other matters that the Union is involved 3 in other than the Staff's complaint --4 COMMISSIONER CLAYTON: Other than the 5 Staff complaint, the other two basically are 6 safety issues? 7 MS. SCHRODER: Right. Correct. 8 COMMISSIONER CLAYTON: Okay. Okay. MS. SCHRODER: And I know it's 9 confusing. We get them confused at my office, 10 11 too. 12 COMMISSIONER CLAYTON: Well, I was 13 aware -- I was aware of the other two. I'm not 14 going to say the record. I'm not going to admit anything. But I'm glad you mentioned it. 15 16 I guess the only other question that I wanted to ask, your -- your clients are asking 17 -- are asking us to approve this Stipulation or 18 adopt the provisions of -- of this Stipulation 19 20 and Agreement and move this case along; is that 21 correct? 22 MS. SCHRODER: Yes, we are. 23 COMMISSIONER CLAYTON: You believe 24 that that's in the best interest of the safety 25 of customers and the gas workers that are

1	operating under Laclede?
2	MS. SCHRODER: Yes, we do. We really
3	do. As Mr. Pendergast said, we believe that
4	this is a win-win-win because it's more cost
5	effective for Laclede, it speeds up the
6	installation of AMR, it's less inconvenient for
7	the customer, and it increases safety.
8	COMMISSIONER CLAYTON: Okay. Thank
9	you all for coming in today.
10	MS. SCHRODER: Thank you.
11	Commissioner Appling, did you have any
12	questions? All right. Is that all
13	Commissioner Clayton?
14	COMMISSIONER CLAYTON: I don't have
15	any other questions.
16	JUDGE DIPPELL: All right. Would
17	anyone Mr. Pendergast, would you like to
18	make any final remarks?
19	MR. PENDERGAST: Just a a couple
20	and I don't want to sound like the groom at
21	the alter who wants to bicker before the
22	marriage has ever begun, but I'm going to. No.
23	I just wanted to go ahead and respond very
24	briefly to some of the questions Commissioner
25	Clayton had asked about the interrelation of

this case with the estimated bill complaint 1 that the Staff has filed and -- and the two 2 3 complaints that the Union has filed. 4 And I think it's important on the 5 estimated bill complaint just -- just to point 6 out that we are in a transition here. And we 7 are moving to an AMR system on all 640 or 30,000 of our meters. 8 9 We, unlike a lot of other utilities have a tremendous number of inside meters, 240,000. 10 And in many instances, it's difficult to go 11 12 ahead and -- and get into various premises, 13 sometimes for significant periods of time. 14 Well, when you finally put an AMR device in, you've got to get in. And you do start to 15 go ahead and get readings maybe for the first 16 17 time in a while. And I think that has probably contributed to what we've seen here over the 18 last four or five months, to some degree. 19 20 And I'm not saying that's the only factor. 21 But the good news is that once AMR is 22 installed, while we'll never have another 23 estimated reading again, ever, it will go ahead 24 and be a quantum leap forward in getting 25 non-estimated, accurate readings each and every

month	for	all	of	our	cus	tomers	. And	it's	just
a tran	nsiti	.on c	of q	getti	.ng	there.			

2

3 And on the second point about the 4 relationship to the safety, I just want to 5 reemphasize, our company takes that obligation 6 seriously, as I think any other LDC does. 7 And we always have. You know, what we're trying to do, whether it's with AMR or some of 8 9 the technologies we've tried to use, is really bring ourselves onto par with what other LDCs 10 in this state have been doing for years. 11

12And to the extent that there are questions13about whether what we're doing is -- is safe,14you know, it really raises a fundamental15question about your entire safety rules and16whether or not there needs to be made changes17to that.

There's nothing Laclede-specific about any 18 of these things. We are trying to go ahead and 19 20 do what others have already done for quite some 21 time. Sometimes change is hard. Sometimes it 22 doesn't come easy. But we think we owe it to 23 our customers to go ahead and be as efficient 24 as we can, while at the same time sharing the 25 Union's concern about making certain that

1	safety is foremost at the top of the list.
2	And that's what we're trying to do and
3	what we'll continue to try and do. And I just
4	wanted to put that on the record. And I
5	appreciate you letting me do it.
6	COMMISSIONER CLAYTON: Judge, I
7	JUDGE DIPPELL: Go ahead.
8	COMMISSIONER CLAYTON: I feel like I
9	need to respond to him. The questions that I
10	had about the interrelation
11	interrelationship of these cases was purely for
12	informational purposes. And I appreciate you
13	letting me get these tee'd up.
14	I appreciate your your statements
15	regarding perhaps procedures that are used by
16	other LDCs elsewhere, perhaps policies that are
17	adopted by other LDCs that perhaps Laclede is
18	attempting to do here as in this application
19	for a variance.
20	Be aware, the Commission really only has
21	the ability to take up the things that come
22	before it by either Complaint or otherwise.
23	And I think everyone in this room agrees that
24	safety really is the No. 1 priority, especially
25	with regard to gas service.

The potential for -- for something bad to 1 2 happen is always there. And we all have to 3 strive to do our best to deal with those 4 issues. 5 Now, having said that, I appreciate your 6 comments associated with taking a new track or 7 something like that when you started. 8 Believe me, I was shocked when the Judge 9 came in and said the other day that -- that the Union had reached a settlement with Laclede. 10 So I was shocked and -- and appreciate the hard 11 12 work that's gone into this by all the parties 13 and look forward to work that lies ahead. 14 MR. PENDERGAST: Thank you. 15 MS. SCHRODER: Thank you, your Honor. 16 JUDGE DIPPELL: Are there any further remarks? I'll let --17 MR. SCHWARZ: No, ma'am. 18 19 JUDGE DIPPELL: All right. Then 20 seeing nothing further, we can go ahead and conclude this hearing. And we can go off the 21 22 record. Thank you. 23 24 25

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