		Page 1
1		
2	STATE OF MISSOURI	
3	PUBLIC SERVICE COMMISSION	
4	TRANSCRIPT OF PROCEEDINGS	
5		
6	Evidentiary Hearing	
7	April 26, 2016	
8	Jefferson City, Missouri	
9	Volume I	
10	In The Matter Of The )	
	Application Of Laclede ) File No. GO-2106-0196	
11	Gas Company To Change )	
	Its Infrastructure System )	
12	Replacement Surcharge In Its )	
	Laclede Gas Service Territory )	
13		
	In The Matter Of The )	
14	Application of Laclede )	
	Gas Company To Change Its )	
15	Infrastructure System )	
	Replacement Surcharge In Its ) File No. GO-2016-0197	
16	Missouri Gas Energy Service )	
	Territory )	
17	KIM S. BURTON, Presiding	
18	REGULATORY LAW JUDGE	
19		
20	DANIEL Y. HALL, Chairman	
21	WILLIAM P. KENNEY	
22	COMMISSIONERS	
23		
24	Reported By:	
25	Rebecca A. Brewer, CCR No. 478	

		Page 2
1	APPEARANCES	
2	Mr. Rick Zucker	
3	Attorney for Laclede Gas Company and MGE	
4	700 Market Street	
5	St. Louis, Missouri, 63101	
6	314-342-0533	
7		
8	Mr. Marc Poston	
9	Attorney for the office of Public Counsel	
10	PO Box 2230	
11	Jefferson City, Missouri, 65102	
12	573-751-5558	
13		
14	Mr. Jeffrey A. Keevil	
15	Attorney for the Staff of the	
16	Missouri Public Service Commission	
17	PO Box 360	
18	Jefferson City, Missouri, 65202	
19	573-526-4887	
20		
21		
22		
23		
24		
25		

		Page 3
1	(Laclede Exhibit 1, Laclede Exhibit 2,	
2	Laclede Exhibit 3, Laclede Exhibit 4, Staff Exhibit	
3	5, Staff Exhibit 6, Staff Exhibit 7, Staff Exhibit	
4	8, Staff Exhibit 9, OPC Exhibit 10, OPC Exhibit 11	
5	were all marked.)	
6	PROCEEDINGS	
7	JUDGE BURTON: All right. Let's go ahead	
8	and go on the record. Today is April 26th,	
9	2016. The time is approximately 9:06 a.m. We	
10	are in Hearing Room 310 at the Public Service	
11	Commission's office in Jefferson City, Missouri.	
12	The Commission has set this time for an	
13	evidentiary hearing in two cases. And they are	
14	In the Matter of the Application of Laclede Gas	
15	Company to Change Its Infrastructure System with	
16	Replacement Surcharge in Its Laclede Gas Service	
17	Territory, File No. GO-2016-0196. And In the	
18	Matter of the Application of Laclede Gas Company	
19	to Change Its Infrastructure System Replacement	
20	Surcharge in Its Missouri Gas Energy Service	
21	Territory, the File No. GO-2016-0197. At this	
22	time, I will ask the parties to enter their	
23	appearance for the record and we'll begin with	
24	Laclede Gas Company.	
25	MR. ZUCKER: Thank you, Your Honor. Rick	

Page 4 Zucker here on behalf of Laclede Gas Company and 1 2 Missouri Gas Energy, 700 Market Street, St. 3 Louis, Missouri, 63101. 4 JUDGE BURTON: Thank you. On behalf of 5 the Staff of the Missouri Public Service Commission? 6 7 MR. KEEVIL: Appearing on behalf of the 8 Staff, Jeffrey A. Keevil, PO Box 360, Jefferson 9 City, Missouri, 65202. 10 JUDGE BURTON: Thank you. On behalf of the Office of Public Counsel? 11 12 MR. POSTON: Thank you. Marc Poston appearing for the Office of Public Counsel and 13 14 the public. 15 JUDGE BURTON: I would remind all of those 16 who are observing here to please turn off your 17 cell phones or at least put them on silent or any of your electronic devices. And at this time I 18 19 believe we have a motion to strike portions of 20 rebuttal testimony of OPC witness Charles 21 Hyneman. And that was filed by counsel for 22 Laclede/MGE on April 26th, 2016. We haven't 23 had an opportunity for response from the Office 24 of Public Counsel, but at this time, I'll allow the parties to present oral arguments on behalf 25

1	of the motions and opposing. And we'll go ahead
2	and begin. I believe that we have Laclede's
3	motion in the written form. Would the Office of
4	Public Counsel like to respond?
5	MR. POSTON: Yes. I don't think there
6	should really be any question that Mr. Hyneman's
7	rebuttal testimony is responsive to the
8	testimonies of all three of the witnesses that
9	filed direct testimony other than him, two Staff
10	witnesses, and Mr. Buck. All three witnesses
11	attached the Staff recommendation to their to
12	their testimonies. And in that in the Staff
13	recommendations, they showed differing levels of
14	expenses from the different ISRSs that had been
15	approved since the last rate case. We think it
16	shows a trend and a concerning trend in regards
17	to the ability of the Staff and OPC to do audits
18	with more and more costs going into each each
19	ISRS petition. So that's what his testimony
20	responds to.
21	Staff's witness also talks about saying
22	that the time to review the petitions is
23	sufficient. And, again, that's all what his
24	testimony speaks to. It speaks directly to
25	those those things. And so I think what

Page 5

		Page 6
1	Laclede's really arguing about is they think we	
2	should have raised these arguments in our direct	
3	testimony. But the standard for rebuttal is its	
4	response to something that was raised in direct	
5	and that's exactly what he's done.	
6	JUDGE BURTON: Mr. Zucker, would you care	
7	to respond?	
8	MR. ZUCKER: Yes, I could not agree less.	
9	He says that it's responsive to all the	
10	witnesses. The testimony itself said he was just	
11	responding to Mr. Buck. He says that he's	
12	responding to the Staff recommendation. That	
13	recommendation was available two weeks before the	
14	rebuttal was was well, it was ten days	
15	before no, that's not true. It was 17 days	
16	before direct and 21 days before rebuttal. And	
17	so anything that Mr. Hyneman had to say in his	
18	rebuttal testimony should have been said in the	
19	direct. In essence, Mr. Buck didn't really say	
20	anything in his direct other than he supports the	
21	application and the and the Staff	
22	recommendation. And Mr. Hyneman's rebuttal is	
23	not responsive to that at all. He basically	
24	responds to his own testimony. So, really, what	
25	he filed was supplemental direct, which is was	

		Page 7
1	not provided for in this case.	
2	MR. POSTON: If Mr. Buck didn't want us to	
3	respond to Staff recommendation, he should not	
4	have attached it to his testimony. And when he	
5	did that, he's turning it from a Staff filing	
6	into evidence in the case. And so we should be	
7	able to respond to that.	
8	JUDGE BURTON: Mr. Poston, I have some	
9	concerns that material that was presented as	
10	attachments to Mr. Buck's exhibit or excuse	
11	me, testimony, was information that was provided	
12	to OPC prior to its filing of its direct	
13	testimony. It was something that is usually	
14	given an opportunity for OPC to respond to prior	
15	to the testimony and it seems as if the arguments	
16	that OPC is making as far as what is provided in	
17	the rebuttal testimony of Mr. Hyneman were	
18	essentially the same arguments but additional	
19	evidence that was beyond the scope of what was	
20	presented in Mr. Buck's direct testimony. If you	
21	look at Mr. Buck's direct testimony, it was only	
22	essentially four pages. Three, I believe, if you	
23	include just simply the actual testimony and not	
24	the caption page. And I believe only one that	
25	doesn't include his background, his history of	

		Page 8
1	employment and education.	
2	MR. POSTON: Well, he did attach the Staff	
3	recommendation to his testimony.	
4	JUDGE BURTON: But doesn't Mr. Hyneman	
5	also address that Staff recommendation in his	
6	direct?	
7	MR. POSTON: It had not become evidence.	
8	It had not become something that was attached to	
9	somebody's testimony. It was just the Staff	
10	filing and	
11	JUDGE BURTON: What happened after that	
12	filing of Buck's testimony, of his direct, that	
13	was new and enlightening to Mr. Hyneman to	
14	present that testimony that wasn't provided to	
15	him before he filed his direct testimony?	
16	MR. POSTON: Well, I don't think that's	
17	the standard for rebuttal testimony. The	
18	standard for rebuttal testimony is something	
19	that's responsive to testimony to direct	
20	testimony. And his testimony you can directly	
21	point to where in Mr. Buck's testimony, the	
22	attachment he added, that is responsive. And you	
23	can also look at the Staff's testimony. Although	
24	he doesn't say in his testimony that's what it's	
25	responsive to. It is also responsive to Staff	

		Page 9
1	where the Staff talks about the audit time being	
2	sufficient. I mean, this direct testimony	
3	basically Mr. Buck's direct testimony is approve	
4	this petition. Approve all of these costs that	
5	we've added in this petition. Approve it. And	
6	so that's what we're responding to. I mean, I	
7	think there's a very wide range of things that we	
8	could respond to regarding that. Anything	
9	associated with that petition I think we can	
10	respond to in rebuttal testimony.	
11	MR. ZUCKER: If I may, I think Mr. Poston	
12	brings up an important point, because approve our	
13	petition is what we filed back on February 1st	
14	and the ISRS statute provides for the Staff, not	
15	OPC, but the Staff, to do a recommendation to	
16	present their recommendation within 60 days	
17	thereafter.	
18	Now, in all fairness, if OPC's going to	
19	participate in the case, they should have also met	
20	the 60-day deadline. Not wait ten days after the	
21	60-day deadline to ask for a hearing at that point.	
22	And then file direct testimony on on an issue	
23	that was decided four months ago. And then file	
24	rebuttal that wasn't responsive to anything in the	
25	direct but was responsive to what we filed	

		Page 10
1	February 1st. So, I think that that's that	
2	it's the worst form of sandbagging and certainly	
3	not not appropriate.	
4	JUDGE BURTON: Mr. Zucker, what specific	
5	portions of the rebuttal testimony is Laclede/MGE	
6	requesting be stricken from the record?	
7	MR. ZUCKER: Well, going through the	
8	questions and they basically cover, oh, maybe	
9	three categories, he's talking about an increase	
10	in ISRS's costs, the fact that 60 days is not	
11	enough to audit, which is what he said in his	
12	direct. And he compares Laclede work orders to	
13	MGE work orders, which isn't doesn't respond	
14	to anything either. So, we would ask to strike	
15	all those questions. And that begins with the	
16	question on Page 1, Line 14, and goes all the way	
17	through Page 9, Line 10.	
18	MR. POSTON: Judge, if I might?	
19	JUDGE BURTON: Yes.	
20	MR. POSTON: I think it would set a very	
21	dangerous precedent if we can't respond to	
22	rebuttal testimony to attachments that are added	
23	to direct testimony. This is important evidence	
24	that the consumers, the million consumers that	
25	are being asked to pay for this ISRS surcharge,	
1		

	Page 11
1	are trying to bring to The Commission. We want
2	you to see this evidence. It is responsive.
3	It's we've tied it directly to the testimony,
4	the attachment.
5	JUDGE BURTON: How is the comparison of
6	the work orders from Laclede and MGE and
7	increasing costs connected to the direct
8	testimony?
9	MR. POSTON: I'm sorry, say that again?
10	JUDGE BURTON: How is Mr. Hyneman's
11	testimony about the averages for the ISRS costs
12	per day over the years and comparison of those
13	with MGE and the work orders tied to the direct
14	testimony of Laclede's witness?
15	MR. POSTON: I think it's I mean, both
16	of these parties are putting forth that this
17	petition, and Staff states it directly in their
18	case, is giving them 60 days is giving them
19	enough time. Staff says that directly. And
20	perhaps, you know, we need to I mean, I think
21	the testimony is responsive to both Staff and
22	Mr. Buck. And that's what Staff is saying. This
23	60 days is sufficient audit time and that's
24	exactly what his testimony is getting at; that
25	it's not sufficient time. And, you know,

		Page 12
1	Laclede's got an opportunity here today if	
2	there's anything in this testimony that they	
3	disagree with, Mr. Hyneman will be here on the	
4	stand, he can answer any questions that they	
5	have. If they think there's anything in this	
6	evidence that's false, there's not. I mean, I	
7	don't see how this can be excluded. There's	
8	nothing wrong with any of this evidence and he	
9	can question him on it.	
10	MR. ZUCKER: I think the danger, Your	
11	Honor, here, is allowing this evidence to come	
12	in, because it really does contravene the	
13	purposes of direct and rebuttal and what should	
14	be filed when.	
15	MR. POSTON: Judge, one more thing. You	
16	know, in the Missouri American case, you know the	
17	chairman talked about transparency, and if you	
18	tell us that this testimony cannot come in, I	
19	don't know how that's being transparent. This is	
20	important data that goes directly to these	
21	petitions and surcharges that customers pay. So	
22	I think it would be very not transparent to	
23	exclude this evidence.	
24	JUDGE BURTON: My concern is that OPC is	
25	not being transparent in its actions when it had	

## EVIDENTIARY HEARING - Vol. I 4/26/2016

		Page 13
1	this information, it had Staff's recommendation,	
2	it had the material before it filed direct	
3	testimony. This rebuttal testimony was filed the	
4	Thursday before the hearing when there was no	
5	opportunity for surrebuttal testimony. That, to	
6	me, does concern me with the issue of	
7	transparency and evidence in a evidentiary	
8	hearing setting that we have. But for right now,	
9	we are going to take this under advisement with	
10	the case and we will rule on this motion later.	
11	MR. POSTON: If I could be allowed to	
12	follow a written motion in response to that	
13	motion.	
14	JUDGE BURTON: That would be fine. How	
15	about we'll see how it goes as far as how long	
16	the testimony lasts today, but we'll set a	
17	deadline at the end for any response.	
18	MR. ZUCKER: Did you say you're going to	
19	file a motion or written pleading in response?	
20	MR. POSTON: I'm sorry, a response.	
21	JUDGE BURTON: At this time, I believe we	
22	are ready for the opening statements.	
23	MR. KEEVIL: Judge, one other housekeeping	
24	matter, if I could, I mentioned while we were	
25	pre-marking the exhibits, Mr. David Sommerer	

## EVIDENTIARY HEARING - Vol. I 4/26/2016

		Page 14
1	filed direct testimony on behalf of Staff of rate	
2	design and just calculations of the rates. It	
3	has nothing to do with the issue that's listed in	
4	the issue list because of the way the schedule	
5	was. We didn't have the list of issues at the	
6	time we filed direct. So we felt like we had to	
7	file testimony on everything. The issue as	
8	listed is may Laclede and MGE's ISRS filings be	
9	updated during the ISRS case to replace two	
10	months of budgeted ISRS investments with updated	
11	actual ISRS investments. And, like I said,	
12	Mr. Sommerer's testimony simply goes into the	
13	rate design and computation of the rates	
14	themselves.	
15	If the commissioners have any questions	
16	for him, he will be available for some questions,	
17	but otherwise I would just request that his prefiled	
18	testimony be received into the record without the	
19	need for him taking the stand and those have been	
20	premarked Exhibit No. 6 and Exhibit No. 8, I	
21	believe.	
22	JUDGE BURTON: I don't believe that at	
23	this time the commissioners have any interest in	
24	hearing his additional testimony here on the	
25	stand. However, I would say let's wait to	

		Page 15
1	actually address that issue whenever Staff	
2	presents its case in chief. But for right now,	
3	if you need to provide notice to Mr. Sommerer, I	
4	would assume he's safe from our grasp.	
5	MR. KEEVIL: Thank you.	
6	JUDGE BURTON: That being said, I believe	
7	the order of opening statements is that we will	
8	hear from Mr. Zucker first.	
9	MR. ZUCKER: Thank you, Your Honor. May	
10	it please The Commission. Since we are here on	
11	the same issue you decided in November of 2015, I	
12	decided to bring my opening statement with me	
13	that I used then. And as I read through it, I'm	
14	pleased to say that it has stood the test of time	
15	for it is just as relevant today as it was six	
16	months ago. What it says is is that we asked The	
17	Commission to allow us to continue the ISRS	
18	update process, a process borne out of an	
19	agreement between Staff and Laclede, a process	
20	that is not mandatory but arises out of the	
21	cooperation of the utility and the Staff. And a	
22	process that has run smoothly for at least six	
23	years. And, finally, a process that is in no way	
24	prohibited or proscribed by the ISRS statute or	
25	rules.	

		Page 16
1	Now, The Commission's decision that they	
2	made last November is that this update process could	
3	go forward as long as the Staff agrees and has	
4	adequate time to to audit the updated	
5	information. Staff has testified in this case and	
6	in their in their recommendations that they did	
7	have adequate time to handle the updates and, in	
8	fact, we got them the updates as earlier, I	
9	think, than we ever had before leaving them more	
10	time to audit the information. What OPC says in	
11	this case, through their witness, is that the	
12	updating audit can't be done, it's just not possible	
13	to update two months of information during the	
14	60-day recommendation period. What belies that	
15	argument is that it has been done and it has been	
16	done repeatedly and it has been done by a number of	
17	Staff auditors and those Staff auditors include	
18	OPC's witness himself. So let me repeat that. The	
19	auditor who says it can't be done has done it and	
20	he's done it twice.	
21	There is nothing new of substance raised	
22	in this case compared to the last case. Let me give	
23	you an example of one of the arguments made is that	
24	the new plant is not in service and used and useful.	
25	Well, the simple fact is that when we filed this	

		Page 17
1	petition on February 1, all of the January plant was	
2	already used and useful. Four weeks later all of	
3	the February plant was used and useful and that	
4	information was given to Staff and OPC on	
5	March 9th. And by the time that the rates go into	
6	effect from this case, sometime in late May, all of	
7	the equipment from January and February will have	
8	been in use for at least two and a half months. So,	
9	the used and useful argument is not meaningful.	
10	Another argument that OPC makes is that	
11	true-ups are only used in rate cases. And that's	
12	where OPC starts with their argument and then	
13	convinced of that flawed logic they then say that	
14	since this is an ISRS case and not a rate case,	
15	therefore there cannot be a true-up process. This	
16	is obviously a flawed argument and should not change	
17	this commission's position in any way. And so in	
18	the end, we ask that The Commission approve the	
19	update process just like it did in November. Thank	
20	you.	
21	CHAIRMAN HALL: Good morning. I'm looking	
22	at 393.1015, which sets forth what what the	
23	utility must file in its application. And it	
24	says supporting documentation. And I want to	
25	make sure I understand the company's position.	

Page 18 In your -- in your view, supporting documentation 1 2 includes both -- both actual numbers and budgeted 3 numbers? 4 MR. ZUCKER: Correct. 5 CHAIRMAN HALL: That there's nothing in the statute mandating actual numbers in the 6 7 initial filing. 8 MR. ZUCKER: It says that the -- the Staff 9 will look at the company's information. Ιt 10 doesn't restrict that information to exactly what 11 was available at the time the petition was filed. 12 CHAIRMAN HALL: Okay. So, in our report and order, in the prior case, on Page 18, and you 13 alluded to this -- this concept a moment ago. 14 The Commission wrote, So long as Staff has 15 16 sufficient time to perform an effective review of 17 ISRS eligibility within 60 days allowed with the 18 ISRS statute, the budgeted July and August 19 documents along with the actual expenses --20 expense records provided after the filing of the petitions are acceptable. We don't provide in 21 22 this order what our statutory basis is for that 23 assertion. I think I have a sense myself but I'm 24 wondering what the company's position is as to --I'm going to ask Staff and, well, I think I know 25

		Page 19
1	what OPC will say. Staff and the company's	
2	Staff's position as well. But what is the	
3	company's position as to what the statutory basis	
4	is for that assertion?	
5	MR. ZUCKER: The statute that authorizes	
6	rate cases does not address anywhere the true-up	
7	or update process. So it's not something that	
8	needs to be addressed to do. It's a convention	
9	that is an option for when there's adequate time	
10	to do it.	
11	CHAIRMAN HALL: So you are in essence	
12	saying it's some kind of inherent authority of	
13	The Commission?	
14	MR. ZUCKER: It is at The Commission's	
15	discretion to do this. Just like it is in a rate	
16	case. And the Staff has said that they have had	
17	adequate time and I think that is a good standard	
18	for The Commission to use.	
19	CHAIRMAN HALL: But where does that	
20	adequate time what is the statutory basis for	
21	that adequate time standard?	
22	MR. ZUCKER: I think the adequate time is	
23	part of the convention. In other words, what the	
24	statute says is we want to encourage safety work	
25	by giving utilities more contemporaneous recovery	
1		

Page 20 of that. And so updating the plant during the --1 2 during the petition is consistent with that. The 3 statute itself does not directly address the 4 updating process. But, as I said, neither does 5 the rate case statute and nor does it proscribe the updating process. And since that is 6 7 something that we do as a matter of course in 8 rate cases, we do it in PGA cases where we have 9 estimated costs that are trued up later. And 10 there's no reason that we should not do that here in an ISRS case. 11 12 CHAIRMAN HALL: Okay. Thank you. 13 JUDGE BURTON: Thank you. Mr. Keevil? 14 MR. KEEVIL: Thank you, Judge. May it 15 please The Commission. Several years ago and 16 several commissions ago, I began an opening 17 statement with lyrics from an old Emerson, Lake, and Palmer rock song. Sadly, none of the 18 19 commissioners at that time seemed to be familiar 20 with the work of Emerson, Lake, and Palmer. Or if they were, they weren't going to admit it. 21 Ι 22 thought with a new generation of commissioners, I 23 thought I'd try it again, maybe get a difference 24 response this time. The lyrics was: Welcome back my friends to the show that never ends. 25 How

		Page 21
1	does that apply here? As Mr. Zucker mentioned,	
2	you decided the only issue in this case less than	
3	six months ago in the last Laclede MGE ISRS	
4	cases. Public counsel appealed and which I	
5	believe is still pending on appeal to Western	
6	District. That was exactly the same issue and	
7	exactly the same parties with the same party	
8	objecting to the update process, exactly the same	
9	applicable statutes, exactly the same applicable	
10	commission rules. The only thing, really, that	
11	has changed is public counsel's witness, I	
12	believe, last case was Ms. Jackie Moore. Now	
13	it's Mr. Hyneman. In fact, you can see that	
14	these that this is the very same issue by	
15	comparing public counsel's position statement in	
16	this case with the public counsel brief in the	
17	last case.	
18	If you look at their position statement,	
19	No. 1, they refer to the proposed ISRS rate	
20	increase violates the statute because petitions	
21	do not include the required documentation. This	
22	is the brief from the last case and you'll see	
23	right there in the middle there, if I can figure	
24	out how it make this work there it is. The	
25	proposed ISRS violates the statute because the	

Fax: 314.644.1334

		Page 22
1	documents the petitions didn't contain the	
2	required documentation. Same thing with	
3	Exhibit or Issue 2; proposed ISRS violates the	
4	statute because costs not the plant was not in	
5	service. This was in their brief the last case.	
6	Again, I keep doing that. Right in there on the	
7	top of the page; what parts of the project are	
8	completed used and useful. They're claiming the	
9	last case wasn't used and useful.	
10	If you look at the next one, the argument	
11	in their position statement; violates the	
12	statutes because did not include net original	
13	cost. Brief from the last case, right there; do	
14	not include net original costs. Their fourth	
15	point; violates the statute because the period is	
16	reduced to less than 60 days. Page 14 of their	
17	brief, in the last case, proposed ISRS violates	
18	because the statutory review period is limited.	
19	Right there. And also if regarding this issue	
20	that popped up in Mr. Hyneman's rebuttal about	
21	the increasing cost trend of Laclede/MGE's ISRS	
22	filings, bingo, there it is in the last brief,	
23	too. Increasing cost trends. Over on the next	
24	page, too. So it's the same it's the same	
25	issue right down the line. They're just	

		Page 23
1	rehashing what you decided six months ago and you	
2	should reach the same decision you did	
3	actually, less than six months ago, on	
4	November 12th, 2015.	
5	Now, I would like to mention something	
б	that I don't believe will be an issue, given that	
7	we've had to have a hearing now in this case and	
8	will obviously take you a little time to reach a	
9	decision. But the statute, Section 393.1015.3,	
10	provides that a gas corporation may effectuate a	
11	change in its rate pursuant to provisions of this	
12	section no more often than two times every 12	
13	months. I believe you quoted that in your last	
14	order in the in the footnote in the last ISRS	
15	order. Based on the company's previous ISRS history	
16	and statute, Staff is recommending that any tariffs	
17	resulting from this case not go into effect earlier	
18	than May 23rd, but, again, because of the delay	
19	caused by the hearing and the objection of OPC, that	
20	shouldn't be a problem.	
21	Now, Staff will be presenting three	
22	witnesses today; Brian Wells for the 0196 case,	
23	Jennifer Grisham for the 0197 case, and Mark	
24	Oligschlaeger for both cases. And Staff also	
25	prefiled testimony by David Sommerer, but his	

		Page 24
1	testimony concerned ISRS rate design and	
2	calculation of the rate, which is not an issue.	
3	Therefore we ask, again, that his testimony be	
4	received into the record without the necessity of	
5	Mr. Sommerer taking the stand unless any	
6	commissioners have questions. If so, he will be	
7	available. With that, I will close. And thank	
8	you.	
9	CHAIRMAN HALL: Good morning. I'm going	
10	to ask you a couple of the same questions that I	
11	asked counsel for the company. And that is is	
12	the key statutory provision that this commission	
13	must interpret, 393-1015.1, Sub 1, where the term	
14	"supporting documentation" is used, do you agree	
15	that that's the fundamental statutory provision	
16	that we need to interpret to make this	
17	determination?	
18	MR. KEEVIL: Well, I think 393.1015, I	
19	don't remember the subsection, sorry, but 1015 is	
20	certainly key. I do say or would say, however,	
21	similar to what Mr. Zucker said, there's nothing	
22	in that statute that talks about true-ups or	
23	updates. That's fairly clear. But there's also	
24	nothing in the general commission rate making	
25	statutes that talk about true-ups or updates in	

1general rate case proceedings. I believe, and I2could be wrong on this, but I think there had3been decisions upholding The Commission's4authority to do true-ups and updates in general5rate cases and to the extent that those are not6precluded by the statute, the ISRS statute that7you referenced, I see no reason that the same8analysis that upheld true-ups and updates in rate9cases would not also apply here. Especially when10you have an obvious intent I believe The11Commission even referenced this in the last12Laclede ISRS order, that the intent of that ISRS13statute was to allow for more time in recovery of14the eligible plant and I think the true-up update15process certainly furthers that intent.16CHAIRMAN HALL: Yeah, I understand the17policy issues. I'm trying to go back to the18words in the statute and the statute requires the19company to supply supporting documentation. And20my what I'm trying to figure out is if that21said supporting documentation concerning actual22numbers23MR. KEEVIL: Right.24CHAIRMAN HALL: It doesn't?25MR. KEEVIL: It doesn't, right.			Page 25
<ul> <li>been decisions upholding The Commission's</li> <li>authority to do true-ups and updates in general</li> <li>rate cases and to the extent that those are not</li> <li>precluded by the statute, the ISRS statute that</li> <li>you referenced, I see no reason that the same</li> <li>analysis that upheld true-ups and updates in rate</li> <li>cases would not also apply here. Especially when</li> <li>you have an obvious intent I believe The</li> <li>Commission even referenced this in the last</li> <li>Laclede ISRS order, that the intent of that ISRS</li> <li>statute was to allow for more time in recovery of</li> <li>the eligible plant and I think the true-up update</li> <li>process certainly furthers that intent.</li> <li>CHAIRMAN HALL: Yeah, I understand the</li> <li>company to supply supporting documentation. And</li> <li>my what I'm trying to figure out is if that</li> <li>said supporting documentation concerning actual</li> <li>numbers</li> <li>MR. KEEVIL: Right.</li> <li>CHAIRMAN HALL: It doesn't?</li> </ul>	1	general rate case proceedings. I believe, and I	
4authority to do true-ups and updates in general5rate cases and to the extent that those are not6precluded by the statute, the ISRS statute that7you referenced, I see no reason that the same8analysis that upheld true-ups and updates in rate9cases would not also apply here. Especially when10you have an obvious intent I believe The11Commission even referenced this in the last12Laclede ISRS order, that the intent of that ISRS13statute was to allow for more time in recovery of14the eligible plant and I think the true-up update15process certainly furthers that intent.16CHAIRMAN HALL: Yeah, I understand the17policy issues. I'm trying to go back to the18words in the statute and the statute requires the20my what I'm trying to figure out is if that21said supporting documentation concerning actual22MR. KEEVIL: Right.23MR. KEEVIL: Right.24CHAIRMAN HALL: It doesn't?	2	could be wrong on this, but I think there had	
5       rate cases and to the extent that those are not         6       precluded by the statute, the ISRS statute that         7       you referenced, I see no reason that the same         8       analysis that upheld true-ups and updates in rate         9       cases would not also apply here. Especially when         10       you have an obvious intent I believe The         11       Commission even referenced this in the last         12       Laclede ISRS order, that the intent of that ISRS         13       statute was to allow for more time in recovery of         14       the eligible plant and I think the true-up update         15       process certainly furthers that intent.         16       CHAIRMAN HALL: Yeah, I understand the         17       policy issues. I'm trying to go back to the         18       words in the statute and the statute requires the         19       company to supply supporting documentation. And         20       my what I'm trying to figure out is if that         21       said supporting documentation concerning actual         22       MR. KEEVIL: Right.         24       CHAIRMAN HALL: It doesn't?	3	been decisions upholding The Commission's	
<ul> <li>precluded by the statute, the ISRS statute that</li> <li>you referenced, I see no reason that the same</li> <li>analysis that upheld true-ups and updates in rate</li> <li>cases would not also apply here. Especially when</li> <li>you have an obvious intent I believe The</li> <li>Commission even referenced this in the last</li> <li>Laclede ISRS order, that the intent of that ISRS</li> <li>statute was to allow for more time in recovery of</li> <li>the eligible plant and I think the true-up update</li> <li>process certainly furthers that intent.</li> <li>CHAIRMAN HALL: Yeah, I understand the</li> <li>policy issues. I'm trying to go back to the</li> <li>words in the statute and the statute requires the</li> <li>company to supply supporting documentation. And</li> <li>my what I'm trying to figure out is if that</li> <li>said supporting documentation concerning actual</li> <li>numbers</li> <li>MR. KEEVIL: Right.</li> <li>CHAIRMAN HALL: It doesn't?</li> </ul>	4	authority to do true-ups and updates in general	
you referenced, I see no reason that the same analysis that upheld true-ups and updates in rate cases would not also apply here. Especially when you have an obvious intent I believe The Commission even referenced this in the last Laclede ISRS order, that the intent of that ISRS statute was to allow for more time in recovery of the eligible plant and I think the true-up update process certainly furthers that intent. CHAIRMAN HALL: Yeah, I understand the policy issues. I'm trying to go back to the words in the statute and the statute requires the company to supply supporting documentation. And my what I'm trying to figure out is if that said supporting documentation concerning actual numbers MR. KEEVIL: Right. CHAIRMAN HALL: It doesn't?	5	rate cases and to the extent that those are not	
<ul> <li>analysis that upheld true-ups and updates in rate</li> <li>cases would not also apply here. Especially when</li> <li>you have an obvious intent I believe The</li> <li>Commission even referenced this in the last</li> <li>Laclede ISRS order, that the intent of that ISRS</li> <li>statute was to allow for more time in recovery of</li> <li>the eligible plant and I think the true-up update</li> <li>process certainly furthers that intent.</li> <li>CHAIRMAN HALL: Yeah, I understand the</li> <li>policy issues. I'm trying to go back to the</li> <li>words in the statute and the statute requires the</li> <li>company to supply supporting documentation. And</li> <li>my what I'm trying to figure out is if that</li> <li>said supporting documentation concerning actual</li> <li>numbers</li> <li>MR. KEEVIL: Right.</li> <li>CHAIRMAN HALL: It doesn't?</li> </ul>	6	precluded by the statute, the ISRS statute that	
9 cases would not also apply here. Especially when 10 you have an obvious intent I believe The 11 Commission even referenced this in the last 12 Laclede ISRS order, that the intent of that ISRS 13 statute was to allow for more time in recovery of 14 the eligible plant and I think the true-up update 15 process certainly furthers that intent. 16 CHAIRMAN HALL: Yeah, I understand the 17 policy issues. I'm trying to go back to the 18 words in the statute and the statute requires the 19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	7	you referenced, I see no reason that the same	
10 you have an obvious intent I believe The 11 Commission even referenced this in the last 12 Laclede ISRS order, that the intent of that ISRS 13 statute was to allow for more time in recovery of 14 the eligible plant and I think the true-up update 15 process certainly furthers that intent. 16 CHAIRMAN HALL: Yeah, I understand the 17 policy issues. I'm trying to go back to the 18 words in the statute and the statute requires the 19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 MR. KEEVIL: Right. 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	8	analysis that upheld true-ups and updates in rate	
11Commission even referenced this in the last12Laclede ISRS order, that the intent of that ISRS13statute was to allow for more time in recovery of14the eligible plant and I think the true-up update15process certainly furthers that intent.16CHAIRMAN HALL: Yeah, I understand the17policy issues. I'm trying to go back to the18words in the statute and the statute requires the19company to supply supporting documentation. And20my what I'm trying to figure out is if that21said supporting documentation concerning actual22MR. KEEVIL: Right.23MR. KEEVIL: Right.24CHAIRMAN HALL: It doesn't?	9	cases would not also apply here. Especially when	
<ul> <li>Laclede ISRS order, that the intent of that ISRS</li> <li>statute was to allow for more time in recovery of</li> <li>the eligible plant and I think the true-up update</li> <li>process certainly furthers that intent.</li> <li>CHAIRMAN HALL: Yeah, I understand the</li> <li>policy issues. I'm trying to go back to the</li> <li>words in the statute and the statute requires the</li> <li>company to supply supporting documentation. And</li> <li>my what I'm trying to figure out is if that</li> <li>said supporting documentation concerning actual</li> <li>numbers</li> <li>MR. KEEVIL: Right.</li> <li>CHAIRMAN HALL: It doesn't?</li> </ul>	10	you have an obvious intent I believe The	
13 statute was to allow for more time in recovery of 14 the eligible plant and I think the true-up update 15 process certainly furthers that intent. 16 CHAIRMAN HALL: Yeah, I understand the 17 policy issues. I'm trying to go back to the 18 words in the statute and the statute requires the 19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	11	Commission even referenced this in the last	
<ul> <li>the eligible plant and I think the true-up update</li> <li>process certainly furthers that intent.</li> <li>CHAIRMAN HALL: Yeah, I understand the</li> <li>policy issues. I'm trying to go back to the</li> <li>words in the statute and the statute requires the</li> <li>company to supply supporting documentation. And</li> <li>my what I'm trying to figure out is if that</li> <li>said supporting documentation concerning actual</li> <li>numbers</li> <li>MR. KEEVIL: Right.</li> <li>CHAIRMAN HALL: It doesn't?</li> </ul>	12	Laclede ISRS order, that the intent of that ISRS	
15 process certainly furthers that intent. 16 CHAIRMAN HALL: Yeah, I understand the 17 policy issues. I'm trying to go back to the 18 words in the statute and the statute requires the 19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	13	statute was to allow for more time in recovery of	
16 CHAIRMAN HALL: Yeah, I understand the 17 policy issues. I'm trying to go back to the 18 words in the statute and the statute requires the 19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	14	the eligible plant and I think the true-up update	
17 policy issues. I'm trying to go back to the 18 words in the statute and the statute requires the 19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	15	process certainly furthers that intent.	
18 words in the statute and the statute requires the 19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	16	CHAIRMAN HALL: Yeah, I understand the	
<pre>19 company to supply supporting documentation. And 20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?</pre>	17	policy issues. I'm trying to go back to the	
20 my what I'm trying to figure out is if that 21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	18	words in the statute and the statute requires the	
<pre>21 said supporting documentation concerning actual 22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?</pre>	19	company to supply supporting documentation. And	
22 numbers 23 MR. KEEVIL: Right. 24 CHAIRMAN HALL: It doesn't?	20	my what I'm trying to figure out is if that	
<ul><li>23 MR. KEEVIL: Right.</li><li>24 CHAIRMAN HALL: It doesn't?</li></ul>	21	said supporting documentation concerning actual	
24 CHAIRMAN HALL: It doesn't?	22	numbers	
	23	MR. KEEVIL: Right.	
25 MR. KEEVIL: It doesn't, right.	24	CHAIRMAN HALL: It doesn't?	
	25	MR. KEEVIL: It doesn't, right.	

		Page 26
1	CHAIRMAN HALL: It also doesn't say	
2	supporting documentation including estimates. So	
3	from my perspective and consistent with our	
4	ruling the last time this show was here, is that	
5	it's unclear whether whether it includes	
6	whether it allows estimates or not. And	
7	therefore we need to look look elsewhere to	
8	determine what's appropriate. And to me, looking	
9	at Section 2 and Section 4, that requires The	
10	Commission to grant the ISRS if a certain showing	
11	is made by the company, that what what The	
12	Commission needs to do is determine whether or	
13	not that showing was made and when Staff comes to	
14	The Commission and says, We've had sufficient	
15	time to review the filings and we believe that	
16	the eligibility criteria has been met, that	
17	that's evidence for us to consider.	
18	MR. KEEVIL: I would agree with that.	
19	CHAIRMAN HALL: Whereas if the Staff says,	
20	we have not had sufficient time to review for	
21	eligibility, that is something for us to consider	
22	when determining whether or not the statute has	
23	been complied with.	
24	MR. KEEVIL: I would agree with that as	
25	well.	

Page 27 1 CHAIRMAN HALL: Okay. Thank you. 2 JUDGE BURTON: Thank you, Mr. Keevil. 3 Mr. Poston? 4 MR. POSTON: May it please The Commission. 5 My name's Marc Poston. Here on behalf of the Office of Public Counsel and the public. In this 6 7 case, the public is the more than one million gas 8 service customers of Laclede and MGE. We're not 9 here today to make the exact same arguments that 10 we made in the last case. We're not here to 11 present the same evidence as we did in the last 12 case and then expect a different outcome. You'll 13 see different evidence today. Evidence showing 14 how unreasonable and contrary to the public 15 interest it is to have Laclede's true-up -- have Laclede true up its ISRS petition in the middle 16 17 of an audit -- and I say in the middle because in this case we received the millions of dollars in 18 19 additional plant expenses 37 days into the 60-day 20 audit period. Evidence being presented today 21 will show that Staff's review is not consistent 22 with the public interest because it does not ask 23 the tough questions that need to be asked in the single issue rate making surcharge such as this. 24 The evidence will also show one important 25

	Fage
1	difference between this case and the last one. And
2	that is the lack of review that ISRS costs get
3	during the subsequent rate case. That was an
4	important aspect of The Commission's ordering in the
5	last rate case, we believe. And the Staff we
6	believe, as well as The Commission did, that the
7	Staff actually reviews ISRS's costs for prudence in
8	the rate case. Well, they don't.
9	Evidence will show a company that has
10	significantly increased its ISRS expenditures, which
11	is the strategy for growing rate base and cannot be
12	tied to any new safety requirements. It started
13	with Laclede and began with MGE soon after being
14	acquired by Laclede. By significantly increasing
15	the ISRS cost, it claims by updating those costs
16	more than a month into the audit, and filing each
17	company's petitions on the same day, Laclede has
18	made it almost impossible for the Staff and OPC to
19	do a thorough audit of the petitions.
20	Mr. Hyneman is our witness. He's been
21	involved in ISRS reviews as a Staff auditor since
22	the ISRS began. He's a CPA, has audited dozens of
23	rate cases and other cases, including ISRS cases,
24	for The Commission. And I passed around a handout
25	from my opening that I'd like you to refer to. The

Page 28

		Page 29
1	first page includes select sections of the ISRS	
2	statute. And for this opening I'd like to focus on	
3	the middle section. On that page. On the first	
4	page, which is Section 393-1015.1, Subsection 1,	
5	which the chairman referenced. And this mandates	
6	supporting documentation to be filed with the	
7	petition and served on OPC.	
8	And this is where you're going to see a	
9	slightly expanded legal argument from us. If you	
10	turn to the second page, I've included several	
11	sections of The Commission's ISRS rules and this is	
12	where I believe I didn't do a good enough job in the	
13	first case of arguing this rule to you, because when	
14	I looked at the order it barely even references this	
15	rule. In the top Subsection 20, it includes the	
16	detail of what supporting documentation is required.	
17	And the evidence of this case will show that	
18	Laclede's petitions in regards to the true-up months	
19	of January and February did not include the net	
20	original cost, the description of the project, the	
21	location of the project, the statute rule and order	
22	requiring the replacement, or the portions, the	
23	complete and eligible, and those that are not	
24	complete and eligible. These are all required by	
25	the rule to be filed with petition. They were not.	

		Page 30
1	In fact, none of that information has ever	
2	been filed with The Commission. So for this January	
3	and February costs, there is no evidence. There's	
4	nothing been filed to satisfy those different	
5	things; location, description, the net original	
6	cost, all of those things. It's not has not been	
7	filed with The Commission. So in our brief we're	
8	going to provide you with a better legal analysis	
9	than we provided in the last case. Where I believe	
10	it was a good argument, it certainly wasn't	
11	persuasive to this commission and I hope to fix that	
12	with better evidence to support the analysis.	
13	The last page of the handout is from The	
14	Commission's final order of rule making that adopted	
15	the ISRS rule. And this provides The Commission	
16	with an understanding of the ISRS when it first	
17	began. And I'd just like to walk through this a	
18	little bit. And the first sentence The Commission	
19	says that the purpose in developing the rules	
20	implement the governing statutes in a manner that's	
21	consistent with the statutes and provides timely	
22	process of ISRS petitions, cost true-ups. I know	
23	that's different than the true-ups we're talking	
24	here. This is a reconciliation type true-up that's	
25	addressed in the statute and prudence reviews. They	

		Page 31
1	go on to say the rule does ask for a significant	
2	amount of information. All of it is either directly	
3	required for the ISRS petition review or for the	
4	prudence reviews that are specifically authorized.	
5	Then The Commission says the statutory time frames	
6	for Staff and OPC analysis for the petition. So	
7	here The Commission's clear that OPC is involved in	
8	this and is to analyze these petitions. And then it	
9	goes on to talk about it says the statute does	
10	not permit sufficient time to allow for thorough	
11	review of the petition. So then The Commission	
12	walks through all the problems with the 60-day	
13	review process. They say that is why it is	
14	important that all this information has to be filed	
15	with the petition, because there's just not enough	
16	time to review it. And that's what The Commission	
17	is saying here. And we ask you to find the same	
18	finding that The Commission found in the final order	
19	of rule making. And we thank you for being here	
20	today to hear this case and our evidence.	
21	Laclede is the one here today asking for a	
22	rate increase and therefore they have the burden of	
23	proof. At the end of the day we don't believe their	
24	evidence will support the inclusion of the January	
25	and February costs in this ISRS. Those costs should	

Fax: 314.644.1334

		Page 32
1	be appropriately brought back in the next ISRS,	
2	which we anticipate will be filed in only four	
3	months. Thank you.	
4	CHAIRMAN HALL: Good morning. Where in	
5	the statute is The Commission in the ISRS	
6	statute is The Commission authorized to do any	
7	kind of prudence review?	
8	MR. POSTON: Let's see. I'm looking and	
9	I'm reading as fast as I can. I know it's in	
10	here. Oh, here. If you look at 393-1015.8.	
11	CHAIRMAN HALL: Sub 8 to me says that the	
12	prudence review is in the rate case.	
13	MR. POSTON: Right. I thought that's what	
14	your question was. I'm sorry.	
15	CHAIRMAN HALL: I'm sorry, I took some of	
16	OPC's arguments in this proceeding to be that	
17	the a true-up is contrary to the statute	
18	because it doesn't allow for proper review,	
19	included in that review is a prudence review.	
20	Did I misunderstand OPC's position?	
21	MR. POSTON: I mean, I guess that's part	
22	of it because you're looking to make sure	
23	well, it's more of a review to make sure they're	
24	consistent with the statute	
25	CHAIRMAN HALL: Eligibility.	

		Page 33
1	MR. POSTON: eligibility. That's the	
2	primary focus.	
3	CHAIRMAN HALL: Isn't that the exclusive?	
4	MR. POSTON: Certainly if you find	
5	something that was imprudent.	
6	CHAIRMAN HALL: Where in the statute are	
7	we allowed to look at prudence in an ISRS	
8	proceeding?	
9	MR. POSTON: Yeah, I don't know just right	
10	now if those words are used with the petition	
11	proceeding. I think it more talks to just	
12	ensuring that complies with this section.	
13	CHAIRMAN HALL: Okay. That's my	
14	understanding as well, so I guess we're on the	
15	same page there. Looking at 393.1015.1 where	
16	there's a requirement that supporting	
17	documentation be filed with with the petition.	
18	And my understanding of OPC's position there is	
19	that supporting documentation does not include	
20	estimated or budgeted expenses.	
21	MR. POSTON: No. And I would encourage	
22	you to ask Mr. Hyneman about that, from an	
23	auditor's perspective what supporting	
24	documentation does not include.	
25	CHAIRMAN HALL: So the statute requires	

		Page 34
1	supporting documentation, OPC's position is that	
2	that means actual numbers. Is it not true that	
3	when that when the company filed its petition	
4	on February 1st that it did include some actual	
5	numbers?	
6	MR. POSTON: No. Not for the January and	
7	February. For everything up through	
8	December 31st, yes.	
9	CHAIRMAN HALL: So it did file some actual	
10	numbers in that initial February 1st filing?	
11	MR. POSTON: Yeah, it included location.	
12	They include all the stuff that they're required	
13	to provide.	
14	CHAIRMAN HALL: Isn't it statutory	
15	compliance?	
16	MR. POSTON: I'm sorry?	
17	CHAIRMAN HALL: Because OPC's position is	
18	that supporting documentation means actual	
19	numbers and I think you said a moment ago that	
20	there were some actual numbers in their	
21	February 1st filing. So my question for you	
22	is: Isn't there statutory compliance, then?	
23	MR. POSTON: For the cost incurred through	
24	December, yes. Not for January and February.	
25	CHAIRMAN HALL: Where does it say that? I	

		Page 35
1	mean, doesn't it say that in their filing they	
2	must file in their application they must file	
3	supporting documentation?	
4	MR. POSTON: I don't think it says they	
5	should file supporting documentation for only a	
б	portion of the costs. I think what it's saying	
7	is supporting documentation for all the costs	
8	they want to include in the surcharge.	
9	CHAIRMAN HALL: Or at least you believe	
10	that's implicit?	
11	MR. POSTON: I don't see how you could	
12	read anything else into it. Doesn't say a	
13	portion, a sampling. I mean, it's the supporting	
14	documentation and The Commission's rule further	
15	narrows what that supporting documentation is	
16	required to be.	
17	CHAIRMAN HALL: Moving to what do you	
18	believe is the key section of the rules that you	
19	cited?	
20	MR. POSTON: Right at 265 and Subsection	
21	20. It's in the handout that I provided to you.	
22	CHAIRMAN HALL: Right. I'm looking at	
23	that.	
24	MR. POSTON: Let me grab mine as well so	
25	we have the same thing. And what I didn't put on	

## EVIDENTIARY HEARING - Vol. I 4/26/2016

		Page 36
1	here, and which I should have, is, actually,	
2	where Subsection 20 begins, before you get to the	
3	Sub K and L, it says, At the time that a natural	
4	gas utility files petition with The Commission	
5	seeking to establish, change, or reconcile an	
6	ISRS, it shall submit proposed ISRS rate	
7	schedules and its supporting documentation	
8	regarding the calculation of the post ISRS	
9	petition and shall serve the Office of Public	
10	Counsel. It goes on to say, The subject utility	
11	supporting documentation shall include work	
12	papers showing the calculation of the post ISRS	
13	and shall include, at a minimum, the following	
14	information. And then that's where it goes A all	
15	the way through L. So then we focus on K and L.	
16	This is the required supporting documentation	
17	that they shall provide at a minimum for each	
18	project. Under K, the net original cost, was not	
19	provided. L, for each project, the order, rule,	
20	statute, that was not provided. The description	
21	of the project, not provided. Location, not	
22	provided. Portions of the project are completed,	
23	used and useful, not provided. So I would say	
24	Subsection K and L of Sub 20.	
25	CHAIRMAN HALL: And you believe that that	

Page 37 information has never been filed, even in the --1 2 in the March 9th update? 3 MR. POSTON: It was never filed with The Commission. And in the last case I said was not 4 5 provided either. This is stuff that's not in 6 evidence. 7 CHAIRMAN HALL: Okay. Thank you. 8 MR. ZUCKER: Your Honor, if it's okay, I would like to supplement one of the answers I 9 gave. I didn't have the statute in front of me. 10 JUDGE BURTON: That will be fine. I'll 11 12 let you come back up. Thank you, Mr. Poston. MR. ZUCKER: Good morning again. 13 The chairman asked about 393.1015.1. And I think 14 discussed that with the other attorneys also. 15 16 And what that says is is that at the time a gas 17 corporation files a petition, it shall submit 18 proposed rate schedules and supporting 19 documentation regarding the calculation of --20 with the petition. And shall serve the Office of 21 Public Counsel. What we take that to mean is 22 it's a timing issue. In other words, at the time 23 you file the petition, you are supposed to 24 include your supporting documentation that you have at that time. In other words, don't file 25

		Page 38
1	your supporting documentation later, waiting for	
2	some other time frame to file work papers and	
3	other stuff. File it file it then. It	
4	doesn't say anything about not updating. And, in	
5	fact, as the chairman pointed out in Section 4,	
6	it does say if The Commission finds that a	
7	petition complies with the requirements, it shall	
8	enter an order authorizing the corporation to	
9	impose an ISRS sufficient to recover all of the	
10	appropriate pretax revenues. So, again, the 1.1	
11	just tells you what to do at the time you file a	
12	petition. It doesn't tell you that you can't	
13	supplement with an update with more later	
14	information.	
15	CHAIRMAN HALL: A follow-up on an issue	
16	unrelated to what you just described. I'm	
17	looking at the rule and I'm going back to	
18	Mr. Poston's last argument, which is in	
19	4CSR240-3.265, Sub 20, which lists everything	
20	that's supposed to be in the supporting	
21	documentation. Are you with me?	
22	MR. ZUCKER: Yes, sir.	
23	CHAIRMAN HALL: Mr. Poston takes the	
24	position that a great deal of that information	
25	not only was not in the original supporting	

		Page 39
1	documentation, it's never been filed with The	
2	Commission. I assume you take the position that	
3	that's incorrect; that everything that is	
4	required under our rule has been submitted to The	
5	Commission, correct?	
6	MR. ZUCKER: The original information was	
7	submitted to The Commission at the time we filed	
8	our petition. After that, again, consistent with	
9	the process for true-ups and updates that we do	
10	in rate cases, the updated information is	
11	provided to Staff and OPC and then Staff files	
12	its recommendation or it tells you what what	
13	it believes is the appropriate pretax revenues.	
14	CHAIRMAN HALL: Somewhere in the case file	
15	would I be able to find all of the information	
16	required by our rule to be included in the	
17	supporting documentation?	
18	MR. ZUCKER: Well, I mean, the supporting	
19	documentation was filed at the time of the	
20	petition.	
21	CHAIRMAN HALL: Right. And then it was	
22	updated.	
23	MR. ZUCKER: The updated information	
24	well, the estimates are there in the with the	
25	original petition. But the updated information	

Page 40 is handled through data requests and information 1 2 provided directly to Staff and OPC; the two 3 parties to the case. 4 CHAIRMAN HALL: Okay. Let me put it this 5 way: In your brief, in your post hearing brief, I hope you will provide a citation to the record 6 7 where every item required by our rule has been 8 supplied to The Commission so that we can certify 9 compliance with -- with our rule in terms of what 10 supporting documentation needs to be included, either in the original filing or updated or in 11 12 the process of hearing the case. MR. ZUCKER: Okay. Thank you, Chairman. 13 COMMISSIONER KENNEY: I want to ask 14 Mr. Poston -- excuse me, is it your thought this 15 16 rule was consistently just maybe overlooked, that 17 procedure? Because you said you didn't make a 18 strong enough case last time. What about cases 19 previous to that? I guess my question is: Do 20 you think this is maybe something that's --21 you've latched on to it this time, you're making 22 more of an argument on this issue, on Subsection 23 20, but I guess my question is this: Have you 2.4 looked back and this is a consistent pattern? MR. POSTON: We -- for a while, we didn't 25

		Page 41
1	get really involved in ISRS petitions, so	
2	honestly I'm not too sure what was provided. I	
3	don't believe this stuff was ever has ever	
4	been filed with The Commission. And as we're	
5	able to provide a more focused review of ISRS's	
6	petitions, we're finding a lot of concerning	
7	things with how these reviews happen. And this	
8	is one of them. There's just not the	
9	documentation that's required as being submitted	
10	so the review is not happening.	
11	COMMISSIONER KENNEY: Thank you.	
12	JUDGE BURTON: Mr. Zucker, you can call	
13	your first witness.	
14	MR. ZUCKER: Laclede and MGE call Glenn W.	
15	Buck.	
16	(Witness Sworn.)	
17	DIRECT EXAMINATION	
18	BY MR. ZUCKER:	
19	Q Good morning.	
20	A Good morning.	
21	Q Can you spell your name for the record?	
22	A First name is Glenn, G-L-E-N-N, two Ns,	
23	last name Buck, B-U-C-K.	
24	Q Are you the same Glenn Buck that filed	
25	direct testimony on this case on April 18th, 2016?	

	Pa	ge 42
1	A Yes.	
2	Q Do you have any changes to that testimony?	
3	A I do not.	
4	Q And so, if I asked you the same questions	
5	asked in that testimony, today, would your answers	
6	be the same?	
7	A Yes.	
8	MR. ZUCKER: I move for admission of	
9	Exhibit No. 1, the direct testimony of Glenn W.	
10	Buck, into evidence.	
11	THE WITNESS: When was the application	
12	MR. ZUCKER: I'm sorry, No. 3. Thank you,	
13	Glenn. Exhibit 3.	
14	JUDGE BURTON: Exhibit 3 has been offered.	
15	Are there any objections? Hearing no objections,	
16	Exhibit 3 is admitted.	
17	Q (By Mr. Zucker) Okay. Are you also the	
18	same Glenn W. Buck who filed rebuttal testimony in	
19	this case on April 21st, 2016?	
20	A I am.	
21	Q You have any changes to that testimony?	
22	A No, sir.	
23	Q And if I asked you the same questions as	
24	provided in that testimony, would your answers be	
25	the same?	

Page 43 1 А Yes. 2 MR. ZUCKER: And so I move for entry of 3 the -- of Exhibit 4, the rebuttal testimony of Glenn W. Buck, into evidence. 4 5 JUDGE BURTON: Exhibit 4 has been offered. 6 Are there any objections? Hearing no objections, 7 Exhibit 4 is admitted. 8 MR. ZUCKER: Tender the witness for cross. 9 JUDGE BURTON: Thank you. I believe, Mr. Keevil. 10 MR. KEEVIL: Yes, just one moment, Judge. 11 Very briefly, Judge. Thank you. 12 CROSS-EXAMINATION 13 BY MR. KEEVIL: 14 15 Q Good morning, Mr. Buck. 16 А Good morning, Mr. Keevil. 17 How long have you been involved with 0 Laclede ISRS cases? 18 A Since 2004. 19 Any idea approximately how many cases that 20 Q is? 21 22 Α Give me one moment, please. Honestly, I 23 don't. My guess would be -- well, that would just 24 be speculation. I think it could probably be found in the rebuttal testimony of Mr. Hyneman. That 25

		Page 44
1	lists all of Laclede's cases. Because I was	
2	involved in every single one of them.	
3	Q Okay. Thank you. In your rebuttal	
4	testimony, which I believe is Exhibit 4, the bottom	
5	of Page 3, Line 21, you state that at no time has	
6	any Staff auditor other than Mr. Hyneman himself in	
7	prior proceedings when he was a member of the Staff	
8	expressed an inability to complete the audit of such	
9	information within the applicable time frames. Did	
10	I read that correctly, sir?	
11	A Yes, sir.	
12	Q Can you explain that statement? What are	
13	you referring to there?	
14	A Well, in the in fact, actually, now	
15	that I've if you give me one moment, I'd like to	
16	supplement my answer or my response previously. All	
17	together, as far as total ISRS cases, it has been	
18	about 28 or 29. And in response to your next	
19	question, if I might, as once again, I have been	
20	doing these for a long time and in the entire	
21	history that we've been doing these, I've never had	
22	a problem with the Staff coming up with	
23	recommendations within the 60-day time frame. Other	
24	than in GO-2015-0178 and GO-2015-0179, at which time	
25	the Staff auditor expressed an opinion that he was	

Page 45 unable to complete the audits within the time frame 1 2 expressed and said he would look at them in the next 3 proceeding. 4 0 And that auditor was Mr. Hyneman? 5 А Yes, sir. 6 Had Mr. Hyneman been involved in any of Q 7 Laclede's prior ISRS audits to your knowledge? 8 Α He had been in the one that had been done 9 in July of 2014. It was filed in July of 2014. He 10 did the audit then. The recommendation was probably right around the 1st of October of 2014. 11 12 Okay. And did that ISRS case filing 0 13 include updated or trued up ISRS plant? 14 Yes, sir. А 15 0 And did Mr. Hyneman file a recommendation 16 supporting the updated ISRS plant in that case? 17 А He did indeed. 18 MR. KEEVIL: I think that's all I have, 19 Judge. Thank you. 20 JUDGE BURTON: Thank you. Mr. Poston? 21 MR. POSTON: Thank you. 22 CROSS-EXAMINATION 23 BY MR. POSTON: 24 Good morning, Mr. Buck. Q Good morning, sir. 25 А

		Page 46
1	Q I'd like to start with your rebuttal	
2	testimony and you attached what you've referred to	
3	as work orders to that testimony, is that correct?	
4	A I refer to them as order authorization	
5	sheets, but yes, I did.	
б	Q Well, I'd like to address some of those.	
7	But first would you agree that you're familiar with	
8	The Commission rules on ISRS?	
9	A Yes.	
10	Q Do you have a copy of the rules with you?	
11	A I do.	
12	Q And so I'd like to ask you questions about	
13	rules and how they apply to the work order	
14	authorization forms that you have in your testimony.	
15	A Okay.	
16	Q You see under Subsection 20 of the 3.265	
17	Commission's rules?	
18	A I'm there.	
19	Q And do you see where it says at the time	
20	the natural gas company files a petition first	
21	line?	
22	A Yes.	
23	Q And when did the company file its	
24	petition?	
25	A In this proceeding was on February 1st	

Page 47 of 2016. 1 And then it says, At that time it shall 2 0 3 submit proposed ISRS rate schedules and supporting 4 documentation, correct? 5 Α Correct. 6 Q And the next sentence says its supporting 7 documents shall include work papers showing 8 calculations, and at a minimum, the following. Is 9 that correct? And then it lists Subsections A 10 through L? А Correct. 11 12 0 And then if we could turn to 20(k). 13 А I'm there. 14 There it says what the petition is to Q 15 include for each project. Is that correct? 16 А Could you ask that question again, please? 17 Subsection K tells the filing company what 0 it should include in its petition for each project 18 for which recovery is sought. Do you see that? 19 20 Very first line of Subsection K. I'm just reading the whole section to make 21 Α 22 sure I understand context. That's all. Okay. 23 And so one of the things that says to Q 24 include is a net original cost for each project. Is 25 that correct?

Page 48 1 А Correct. So going -- I guess, do you have copies of 2 0 your petition? 3 Oh, give me one moment, please. I have 4 А 5 the associated documents. I do not have the application itself. 6 7 Q But you have the attachments? 8 А Yes. 9 Q So let me back up here. So the attachments to your testimony, the work order 10 11 information, those are the January and February cost 12 work orders or some of them, is that correct, work 13 order sheets? 14 А In my rebuttal testimony? 15 0 Yes. 16 А Those are all of Laclede's January and 17 February work order authorization sheets. Okay. So starting with one of them, and I 18 Q 19 don't know if I got my order turned around, but 20 900547, that work order number, do you see that? 21 А I'm there. 22 So where in the petition can I find the Q 23 net original cost for this work order? In the direct schedules. It won't be in 24 Α there. It will be estimates. For example, this is 25

		Page 49
1	a main replacement. So if you go into the schedules	
2	themselves, Appendix A, Page 13 of 30, you got main	
3	replacement additions for January, approximately	
4	\$4.865 million, and February main additions of	
5	\$4.362 million. This would be the supplement to	
б	that.	
7	Q It doesn't show for each it doesn't	
8	show a project number, does it, in the petition for	
9	the January and February?	
10	A No, it's got categories.	
11	Q It doesn't show the net original cost per	
12	project, does it?	
13	A It has estimates.	
14	Q Per project? It breaks it out per	
15	project?	
16	A They are estimates, yes.	
17	Q Per work order number?	
18	A Not per work order number. They're type	
19	of project. So just to if I might, I'll follow	
20	up, so because for example	
21	Q Let me follow up with questions on this.	
22	A That's fine.	
23	Q So for work order No. 900547, the amount	
24	you're now claiming is what?	
25	A That would be in the update, which I don't	

Page 50 1 think I have up here right now. 2 But I can't specifically look for that Q work order? I can't find a net original cost 3 4 associated with that, can I, in the petition? 5 Α In the petition, no, sir. 6 Okay. Now, please look at Subsection L of Q 7 the rule. 8 А Okay. And it also says for each project for 9 Q 10 which recovery is sought, correct, that these are additional things that are to be provided? 11 Correct. I'm sorry, is there a question 12 А 13 pending? 14 No, I'm sorry, there was no -- okay. And 0 15 do you see on there where it says the location of 16 the project is to be provided for each project? 17 А Correct. Okay. And so when I look at your petition 18 Q for Project 900547, where can I determine what the 19 20 location of the project is? In the petition itself you will not find 21 Α 22 the location of 900547. 23 Okay. Where in the -- in the petition, Q 24 can I find what portion of the project are completed 25 used and useful and what portions are still to be

		Page 51
1	completed?	
2	A For that specific project it's not in	
3	there.	
4	Q For any of the January and February	
5	projects, is it in there?	
б	A There are estimates of broad categories.	
7	That would be it.	
8	Q Do those broad categories provide what	
9	portions are used and useful and what are still to	
10	be completed?	
11	A If it's for that specific project, no.	
12	For other projects, absolutely.	
13	Q For all of the projects, the January and	
14	February projects, does it provide a location of the	
15	project in the petition?	
16	A In the petition, no.	
17	Q I'd like to move on to Subsection 21 of	
18	the rule. And this subsection says, would you	
19	agree, that in addition to the Subsection 20	
20	documentation, additional documentation is required	
21	either in the petition or in the rate case, is that	
22	correct?	
23	A Give me one moment, please. Okay.	
24	Q And so then if you look so do you agree	
25	that that's what that says?	

		Page 52
1	A Could you preface or do the question	
2	again?	
3	Q It says, In addition to the Subsection 20	
4	documents, additional documents are required either	
5	in the petition or in the subsequent rate case?	
6	A Yes.	
7	Q So the company has a choice	
8	A Correct.	
9	Q where to provide. And then under Sub A	
10	of 21 it says the company must also include how long	
11	the replaced infrastructure was installed, when it	
12	was removed. You see that?	
13	A Yes.	
14	Q And did Laclede provide that information	
15	for any of the projects in this case?	
16	A Give me one moment, please. It's got the	
17	retirement dates. It doesn't have the date the	
18	original information was installed, but that's	
19	supplied usually during the rate case itself. We	
20	give a copy of our property record, which would show	
21	that.	
22	Q Okay. Moving to Sub B. It says, The	
23	company's to provide an explanation of its efforts	
24	to quantify and seek reimbursement for relocations	
25	required by an entity within eminent domain. Is	

Page 53 1 that correct? 2 Yes, that's what it says. А 3 Has Laclede ever provided that information 0 4 in a petition or in a rate case? 5 Α Yes. Actually, I think we give indications. I'm not really sure whether there is a 6 7 relocation project in this group. But normally on 8 the work order authorization sheet you would sit 9 there and see an indication as to whether it was reimbursable, non-reimbursable or in some instances 10 it's partially reimbursable whether the entire thing 11 12 is on easement or not. 13 0 So, is that an indication of the company's 14 efforts to quantify and seek reimbursement? I think it's an indication of the effort, 15 А 16 yes. 17 So how would I understand what efforts the 0 company went through to determine whether it was --18 19 to quantify and seek reimbursement? 20 MR. ZUCKER: I'm going to object to this. 21 I think we've kind of gotten far afield from the 22 issue of this case, which is the updating 23 process. He's now going through the rule and 24 asking about us to show compliance with different sections that have nothing to do with updating 25

Page 54 1 and that we weren't prepared to do when we came 2 here. MR. POSTON: I'll say no subsections have 3 4 anything to do with updating. And I'm just 5 walking through showing everything they did not provide in their petition to show how difficult 6 7 it really is to do these -- these analyses, these 8 reviews, and --9 JUDGE BURTON: I'm going to go ahead and overrule the objection. 10 11 (By Mr. Poston) So if you look at Q 12 Subsection C, it says the project was financed. The 13 company's to provide how that was funded and the 14 debt amount and interest on that debt, is that 15 correct? 16 А We don't do project financing for 17 individual projects so the answer would be that we don't -- there is none to report. 18 19 Okay. And then Subsection D talks about Q an RFP process, an explanation of the company's RFP 20 process or reasons for not using an RFP. Was that 21 22 stuff ever provided by the company in any ISRS 23 petition? For the Laclede division, an RFP process 24 Α wouldn't exist because we do self construction. 25 For

		Page 55
1	MGE, we do use an RFP process. Whether that's been	
2	provided during a rate case, I would assume so, or	
3	at least I'm not as involved with the MGE side	
4	because I have only been peripherally involved with	
5	an MGE rate case.	
б	Q So you don't know if that information's	
7	ever been provided?	
8	A I would only assume so, sir.	
9	Q I'd like to change gears here. You say in	
10	your rebuttal that you're very familiar with	
11	auditing demands imposed by ISRS, correct?	
12	A Line, please?	
13	Q It's on Page 4 of your rebuttal.	
14	A Okay. Starting on Line 4, I would assume?	
15	Q Yes. You see that?	
16	A Yes. I see that.	
17	Q Are you a Certified Public Accountant?	
18	A I am not.	
19	Q Are you an accountant?	
20	A By experience, yes.	
21	Q Do you have an accounting degree?	
22	A I do not have a degree in accounting.	
23	Q Are you an auditor?	
24	A I have done audits before.	
25	Q What audits have you done?	

		Page 56
1	A I did a full operational audit of a	
2	billing dispute related to a utility locating	
3	company and a major utility company up in the north,	
4	northern Michigan.	
5	Q So is that the only audit you've done?	
6	A I don't think it was the only audit I've	
7	done, but I'm drawing a blank as to what that would	
8	have been.	
9	Q Was that audit that you did, was that a	
10	financial audit?	
11	A It was a financial and operational audit.	
12	Q Have you ever taken an auditing class?	
13	A Boy, Marc, that was 30 some odd years ago.	
14	I've taken accounting classes. To the extent that	
15	there was audit functions related to that, that	
16	would be it.	
17	Q Have you ever conducted an ISRS audit?	
18	A I've been the recipient of an ISRS audit	
19	but not conducted one, no.	
20	Q Are you aware of generally accepted	
21	auditing standards?	
22	A I am.	
23	Q Can you just describe what they are?	
24	A There's quite a few of them.	
25	Q Just generally, what are they?	

		Page 57
1	A Well, in fact, actually Chuck uses one of	
2	the terms here. It's professional skepticism. I	
3	would probably have to sit there and have to rely on	
4	the Staff auditors to do this. But, yeah, I'm	
5	generally familiar with them. Right offhand, I	
6	can't sit there and say exactly what they are. I	
7	can tell you, you know, there's audit samples in	
8	there. There's professional due care, there's a	
9	requirement to have professionalism, there's	
10	discussions of how you sit there and write the	
11	audit. There's how you write an audit report, what	
12	you do with the management discussion. There's	
13	quite a few of them, but	
14	Q Okay. Are you aware that Mr. Hyneman is a	
15	CPA?	
16	A He's indicated so, yes.	
17	Q Are you aware that he's performed dozens	
18	of audits, including ISRS audits?	
19	A I'm aware that he participated in cases.	
20	I think he has indicated, I think, five ISRS audits.	
21	Four of them for Laclede, one for or four of them	
22	for Laclede and MGE and one of them for Missouri	
23	American Water Company. I think he indicated that	
24	he did an audit of the Iatan 2 plant for KCPL. He	
25	has listed a lot of other engagements that he was	

		Page 58
1	on, but whether he was doing auditing or what he was	
2	doing, I can't really speak to. I was not involved	
3	in those cases.	
4	Q So your testimony, you also discussed the	
5	issue of where Staff adjusts the ISRS plant	
6	depreciation and income tax reserve, closer to the	
7	ISRS effective date.	
8	A Can you give me a page and line number,	
9	please?	
10	Q Page 2, Line 19.	
11	A Okay. Could you ask the question again	
12	please?	
13	Q I'm just saying that you do you discuss	
14	the issue; accumulated depreciation and income tax	
15	reserve adjustments?	
16	A Sure. I just want to make sure I	
17	understand the question. That's all.	
18	Q Did you agree with the Staff adjustment in	
19	an ISRS case when you first became aware of Staff's	
20	request to make these adjustments?	
21	A The first case that was introduced to us	
22	was in a GO-2009 case. I think it was 0221, but I'd	
23	have to check to be sure. It's in my testimony.	
24	Where the Staff had had a discussion with Laclede	
25	saying they have done updates to the depreciation	

	F	Page 59
1	and accumulative deferred income taxes in cases	
2	involving I think it was ATMOS, maybe Ameren, I	
3	think a Missouri Gas Energy case. And in	
4	discussions with the Staff, we said, Well, okay, we	
5	see where you're going with this. We'd like to	
6	propose audit or updating the plant in service for	
7	the additional two months to go with it.	
8	Q Initially you opposed it, correct?	
9	A Initially we had a discussion with the	
10	Staff and I don't think we ever opposed it. I think	
11	the Staff came up with the recommendation in that	
12	same proceeding, said yep, we're doing this.	
13	Q Are you aware that MGE opposed that	
14	adjustment?	
15	A I don't think we owned MGE at the time.	
16	Q If public counsel were to propose a	
17	settlement in this case today with Staff and Laclede	
18	that OPC would support not bringing forward the	
19	depreciation and income tax reserve and leaving	
20	those balances as existed in petition, would Laclede	
21	and MGE be willing to forego the ISRS true-ups?	
22	A I'm not really sure settlement discussions	
23	are an appropriate question to be asking on the	
24	stand.	
25	Q I'm just asking your opinion. Do you	

	Page 60
1	think that would be a good resolution of its issue?
2	I'm not asking you to settle the case.
3	MR. KEEVIL: I'm going to object on the
4	basis of exactly what Mr. Buck said. That's a
5	completely inappropriate question for a witness
6	on the stand; apparently trying to negotiate a
7	settlement at this point during the hearing.
8	MR. ZUCKER: And I don't know that
9	Mr. Buck is authorized to make such a settlement.
10	MR. POSTON: I'm not asking him to settle
11	anything. I'm asking him to give his opinion of
12	whether that would be a good compromise.
13	JUDGE BURTON: I don't see relevance to
14	that. I'm going to go ahead and sustain the
15	objection.
16	Q (By Mr. Poston) Would you agree that
17	Laclede did not raise the issue of the true-ups
18	until Staff had proposed bringing forward the
19	depreciation income tax reserve?
20	A Yes, I agree with that.
21	Q Would you agree that initially Laclede did
22	not include the true-ups in its ISRS petitions?
23	A Are you talking in the first ISRS case
24	that we had?
25	Q The first ISRS cases, yes.

		Page 61
1	A We did not include I don't really like	
2	use of the term "true-up." I prefer "update." But	
3	we didn't start doing updates until the Staff came	
4	forward with the concept of doing three and a half	
5	months of forward depreciation deferred taxes.	
6	Q And that was about seven years ago?	
7	A It was seven years and two months ago, I	
8	think.	
9	Q And you state in your testimony and I	
10	believe Staff cross-examined you on this that no	
11	other member of Staff has expressed an inability to	
12	complete an audit of an ISRS true-up within	
13	applicable time frames, is that correct?	
14	A That's correct.	
15	Q And how many Staff auditors have you asked	
16	this question to?	
17	A Asked the I'm sorry, asked the question	
18	to?	
19	Q Yeah, how many Staff auditors have you	
20	asked them if they had concerns with their ability	
21	to complete an audit?	
22	A I guess I could only go with experience of	
23	the auditors that have worked on our cases and that	
24	has been, I'm sure I'll probably miss some names,	
25	but that included John Cassidy, it included Lisa	

		Page 63
1	ISRS audit?	
2	A I guess I'm struggling with that because	
3	Staff is has the capability and knowledge and	
4	experience to do audits. OPC's I presume to be	
5	duplicative, whether that's the best use of OPC's	
6	time, I would assume that would be a decision of	
7	your office.	
8	Q You understand that OPC represents your	
9	customer's interests, correct?	
10	A Certainly.	
11	Q And what parties does the Staff represent	
12	in an ISRS case?	
13	A My understanding is Staff is supposed to	
14	present a balanced it's hard for me to sit there	
15	and articulate this. They are supposedly to	
16	represent The Commission, to give recommendations to	
17	The Commission that would be a balancing of parties	
18	without necessarily having, I'd say, skin in the	
19	game. Not sure that that really answers your	
20	question in a very formal fashion, but I think	
21	that's what their role is.	
22	Q Okay. So they don't represent customers?	
23	A I think they represent all the parties to	
24	the case, including The Commission. I think that	
25	would also be the customers also. If you're saying	

		Page 64
1	are they an advocate for customers, that's a	
2	different question.	
3	Q Are they?	
4	A I would think not.	
5	Q When did MGE start to do the ISRS updates,	
6	as you call them?	
7	A I believe it was the first MGE ISRS case	
8	after Laclede acquired them, was probably late in	
9	2014, I think.	
10	Q And why did they start doing that; using	
11	that process?	
12	A I think because it worked well for us	
13	previously.	
14	MR. POSTON: That's all I have. Thank	
15	you.	
16	THE WITNESS: Thank you.	
17	JUDGE BURTON: Questions from the bench?	
18	CHAIRMAN HALL: No questions. Thank you.	
19	THE WITNESS: Thank you, sir.	
20	COMMISSIONER KENNEY: No questions.	
21	JUDGE BURTON: I have a question. In your	
22	rebuttal testimony, you identified, I believe	
23	around Page 9, the projects that were completed	
24	for Laclede and MGE in January and February. You	
25	said approximately 39 additional work orders were	

Page 65 1 closed in January and 46 in February. 2 THE WITNESS: Yes, the breakdown was, I 3 believe, 7 for Laclede in January and 32 for MGE and then in February, it was -- I believe it was 4 5 16 work orders and for MGE it was 30. 6 JUDGE BURTON: And what were the totals 7 for those work orders? 8 THE WITNESS: For Laclede, it was 9 approximately 16 and a half million dollars. And the revenue requirement effect of that would be 10 1,472,634. For MGE it was \$12.004 million of 11 12 additions. And the revenue requirement effect of 13 that would be 1,237,278. 14 JUDGE BURTON: Thank you. 15 COMMISSIONER KENNEY: I did have one 16 question. 17 THE WITNESS: Yes, sir. 18 COMMISSIONER KENNEY: Thank you. OPC 19 counsel was discussing CSR 240-3.265(20) 20 Subparagraph K regarding each project and net 21 original cost and some things. You mentioned 22 that a lot of your projects were -- or you 23 couldn't point to a specific work order, but some 24 of the costs were estimates within your summaries or the projects, that they weren't net original 25

		Page 66
1	costs, they were estimates? Is that correct?	
2	THE WITNESS: That's correct. We gave	
3	updates to those. For the January projects we	
4	gave an update on February 9th, which was	
5	approximately eight days after we filed the	
6	original application. And then we provided the	
7	rest of them for February, I think it was on	
8	March 9th.	
9	COMMISSIONER KENNEY: But as counsel	
10	mentioned, you couldn't point to a specific work	
11	order and tell what that costs, is that correct?	
12	THE WITNESS: Within the petition, no,	
13	sir.	
14	COMMISSIONER KENNEY: Is that any	
15	deviation from past practices?	
16	THE WITNESS: Again, I think we've been	
17	doing it for a little over seven years and	
18	it's again, I believe the OPC witness brought	
19	up the concept of a true-up or an update in a	
20	rate case. This is not dissimilar to how this	
21	process works.	
22	COMMISSIONER KENNEY: That's not what I'm	
23	asking. I'm just asking is the process you put	
24	forth right now that he was questioning you, has	
25	Laclede or MGE or Laclede, have they deviated	

Page	67
1 in any way from the past practice? I mean, did	
2 you use to base it off a work order and show the	
3 net exact costs?	
4 THE WITNESS: Well, once we started doing	
5 updates, we have been doing it in the same	
6 fashion in every case, yes, sir.	
7 COMMISSIONER KENNEY: Okay. Thank you.	
8 JUDGE BURTON: Redirect?	
9 MR. ZUCKER: Thank you, Your Honor.	
10 MR. POSTON: Judge, I had a question based	
11 on questions from the bench, but I believe	
12 Mr. Keevil's first.	
13 MR. KEEVIL: I don't have anything, Judge.	
14 Q (By Mr. Poston) You gave a number I	
15 guess two numbers. Based on the January and	
16 February costs, you said 16.5 million for Laclede	
and little over 12 million for MGE, is that correct?	
18 A That's correct.	
19 Q And that's for January and February?	
20 A 16.5 million for Laclede for the months of	
21 January and February. 12.04 for MGE for the months	
22 of January and February combined.	
23 Q So that's 28 over 28 and a half million	
24 dollars of information and costs that were added	
25 during the audit, correct?	

	Page	: 68
1	A It was \$28 million worth of costs. I'm	
2	not sure that's information.	
3	Q What was the total amount of costs, ISRS's	
4	costs, through December?	
5	A Give me one moment, please. Rough math,	
6	it's probably about \$21 million for Laclede and I	
7	don't have the same information for MGE here.	
8	Q And what is that time period? What does	
9	that cover?	
10	A That covered the period from September of	
11	2015 through December of 2015.	
12	MR. POSTON: Okay. That's all I have,	
13	thank you.	
14	JUDGE BURTON: Mr. Zucker?	
15	MR. ZUCKER: Thank you.	
16	REDIRECT EXAMINATION	
17	BY MR. ZUCKER:	
18	Q Commissioner Kenney asked the question I	
19	was going to ask. So let me reorganize here. So,	
20	basically, what you did in this case is the same	
21	thing you did in the last case in terms of the	
22	updating process?	
23	A In the last case and every case for about	
24	seven years, yes.	
25	Q Including the cases that Mr. Hyneman	

	Page 69
1	worked on as a member of the Staff?
2	A Correct.
3	Q And you said that January and February
4	came to 28 million in costs for total; Laclede and
5	MGE?
б	A Yes.
7	Q And about how much is that in revenue
8	requirement?
9	A Between the two of them, 1.4 plus 1.2,
10	that would be, gee, this is math, I should be able
11	to do that very easy. But, it rounds to about
12	\$2.7 million.
13	Q Okay. In Section 20 of the rule, 3.265,
14	that Mr. Poston
15	JUDGE BURTON: Mr. Zucker, could you
16	please speak into your microphone?
17	MR. ZUCKER: Sorry, thank you.
18	Q (By Mr. Zucker) In Section 20 of the rule,
19	it says that at the time that a natural gas utility
20	files a petition with The Commission, it shall
21	submit proposed ISRS rate schedules and supporting
22	documentation. Did Laclede do that?
23	A Yes.
24	Q And did they submit it to Staff and public
25	counsel?

		Page <sup>2</sup>
1	A We did.	
2	Q And as part of the update process, did you	
3	also submit information to Staff and public counsel?	
4	A We gave the updated information which had,	
5	again, for Laclede, approximately 23 work orders of	
6	new information. And then for MGE it was	
7	approximately 62. We gave them the ISRS schedules	
8	just like with the original petition. We also gave	
9	them the work order authorization sheets, which are	
10	similar to what's attached to the rebuttal testimony	
11	as Schedule GW, rebuttal Schedule GW-1. We gave	
12	copies of all those to them, so they're able to	
13	audit what individualist new work orders were going	
14	into the process.	
15	Q Did you give the same information to OPC	
16	that you gave to Staff?	
17	A I did.	
18	Q And did you in any way prevent or impair	
19	OPC from doing an audit on this ISRS case?	
20	A No. I responded to the data request from	
21	OPC just like I did with Staff. Frankly, with the	
22	Staff, usually a more informal process, but I think	
23	I answered approximately nine, ten, eleven	
24	probably 12 data requests from Office of Public	
25	Counsel.	

70

		Page 71
1	Q Okay. Did Office of Public Counsel ever	
2	call you to discuss any of the work orders?	
3	A I think we discussed the provision of	
4	the a discussion of discovery. I can't say	
5	discovery issues, but making sure that Mr. Hyneman	
6	had the correct amount of discovery that he was	
7	looking for.	
8	Q Okay.	
9	A And he may have had a conversation with	
10	Mr. Noack that I wasn't privy to. I don't know	
11	about that.	
12	Q Okay. Did you receive any follow-up DRs	
13	to your original DR answers from OPC?	
14	A I think the answer is no. I recall that	
15	there was, for example, one data request response	
16	that asked for in fact, this was the one we had	
17	the discussion over and in return where	
18	Mr. Hyneman asked for each and every work order and	
19	all the information related to the work orders and	
20	we tried to get into discussion we objected	
21	saying it was overly broad and burdensome, but I	
22	think we worked it down to something that was a	
23	little more manageable. So we provided them with	
24	the lead work order sheets, work authorization	
25	sheets for everything, over 50,000 for Laclede and	

		Page 72
1	over 100,000 for MGE. And as a follow-up said if	
2	you want any more detail behind these, let us know.	
3	And to my to my knowledge, he never got back with	
4	us and asked for any more additional information.	
5	Q And in response to a question from	
6	Mr. Poston, I believe, you talked about how many	
7	ISRS cases you worked on, correct?	
8	A Correct.	
9	Q And would that I think that number was	
10	something like 28?	
11	A Way more than I needed to.	
12	Q Okay. And in these cases, did you work	
13	with Staff auditors directly?	
14	A Absolutely.	
15	Q All of them or just some of them?	
16	A All of the ones that I mentioned, yes, but	
17	often times, for example, John Cassidy was one of	
18	the names I had. I'm not sure John was the	
19	what's the term I'm looking for? I'm not sure he's	
20	boots on the ground auditor for that one. I think	
21	he signed off on the recommendation. More likely	
22	than not, it was another member of the St. Louis	
23	Staff who did the audit and John supervised it.	
24	Q So would you say that you are very	
25	familiar with ISRS audits?	

		Page 73
1	A Yes, absolutely.	
2	Q Could you conduct one today if you had to?	
3	A Yes.	
4	Q Okay. Mr. Poston asked you some questions	
5	about when the updating process started for deferred	
б	taxes and depreciation. And do you recall about	
7	when that was?	
8	A Yes. It was late in 2008, early 2009, I	
9	think is when the Staff report was signed off on.	
10	Q Is that for a Laclede case or MGE case or	
11	any case?	
12	A It was a for a Laclede case but they had	
13	included for Laclede and, in fact, it was indicated	
14	in the recommendation that they had done the	
15	updating deferred taxes and accumulated depreciation	
16	for other utilities in other cases.	
17	Q So this was Staff's idea to do the update?	
18	A Yes. In fact, I thought Mr. Hyneman	
19	mentioned that it was his idea.	
20	Q Yes, you are sure of that? Or you're	
21	still looking?	
22	A I'm still looking.	
23	Q Are you looking at the data request	
24	responses?	
25	A I was looking at his testimony. It may be	

		Page 74
1	in the data request response. Yeah, right offhand,	
2	I'm not sure where I found it or recall seeing that.	
3	Q Do you have data request responses from	
4	OPC?	
5	A Our responses to OPC?	
6	Q No, OPC's responses to Laclede.	
7	A I do not.	
8	MR. ZUCKER: May I have approach the	
9	witness?	
10	JUDGE BURTON: You may.	
11	A Yes, there it is. It was response to	
12	OPC's response to Laclede Data Request No. 2 where	
13	the question was please provide a full and complete	
14	copy of all policies and procedures Mr. Hyneman	
15	references that he developed. And one of the	
16	significant policies that comes to mind I developed	
17	was to bring the ISRS rate base deferred tax reserve	
18	and depreciation reserve close to the ISRS effective	
19	date to ensure that the ISRS that went into effect	
20	reflected actual cost and prevented double recovery	
21	of the cost from rate payers.	
22	Q So, you're saying the very same	
23	Mr. Hyneman who's sitting here as a witness for OPC	
24	actually developed the policy for updating deferred	
25	taxes and depreciation reserve?	

	Page 75
1	A That's what he indicated, yes.
2	Q When he was a member of the Staff?
3	A Correct.
4	Q And can you point to me in the ISRS
5	statute where it provides for an update of deferred
6	taxes and depreciation reserve in the statute?
7	A No more no more so than the update of
8	the plant in service, no sir. Again, the updates
9	are I can go into what I understand to be a
10	fairly long history of it, but it's kind of become
11	part and parcel of the process. Again, we do it in
12	PGA cases. We do it in rate cases. We've been
13	doing it in ISRS cases for seven or eight years now.
14	As far as I know, there's no statutory or commission
15	rules that discusses updates or true-ups. It was my
16	understanding it was in response to the '70s and
17	'80s when there was very high inflation and they
18	used that and companies were churning in a lot of
19	race cases at the time. And in response to that, in
20	return for not filing quite so many rate cases, they
21	came in with the update process.
22	Q And in when you do an update in a rate
23	case, do you file the information with The
24	Commission?
25	A No, it's supplied to the other parties and

Г

		Page 76
1	then they, for example, right before the Staff does	
2	their Staff cost of service report is what they call	
3	it now, usually they will do an update of the rate	
4	case, which has a historical test period to a period	
5	closer to the time when they do the Staff customer	
6	service report. That's not information that's	
7	filed. But the Staff uses it to sit there and	
8	assist in making their recommendation of their	
9	direct case.	
10	Q Okay. So that's the same way it's done in	
11	the ISRS case? Same way an update is done in ISRS?	
12	A Correct. But they look at a lot more	
13	information.	
14	Q Can you tell me where in The Commission's	
15	rules, ISRS rules, it says to update depreciation	
16	reserve and deferred taxes?	
17	A No.	
18	Q Is that because it's not in those rules?	
19	A To my knowledge, no.	
20	MR. ZUCKER: One moment, Your Honor. I	
21	found some reading glasses in the drawer here.	
22	COMMISSIONER KENNEY: I'll sell you an	
23	extra pair.	
24	MR. ZUCKER: I've got half a pair here.	
25	THE WITNESS: He borrowed mine last night	

		Page 77
1	and they had bifocals and so he was good real	
2	close up. Far away, he couldn't see a thing.	
3	Q (By Mr. Zucker) Mr. Poston asked you if it	
4	was Laclede's position that it updated for two	
5	months of plant in response to Staff's update for	
6	depreciation and deferred taxes. You recall that	
7	question?	
8	A Yes.	
9	Q And your answer was yes, is that correct?	
10	A Correct.	
11	Q And before then, Laclede hadn't really	
12	thought about updating?	
13	A Not really, no.	
14	Q Okay. And Staff agreed to update for	
15	plant at the same time it was updating for	
16	depreciation and deferred taxes?	
17	A I don't believe they did so in the other	
18	cases the Staff members mentioned to us, but as part	
19	of the GO-2009 case, it was not an issue.	
20	Q As part of Laclede's case?	
21	A Correct. As long as they had time to get	
22	the information and audit it, which apparently they	
23	had because they were able to make the	
24	recommendation.	
25	MR. ZUCKER: Okay. Thank you. No further	

Page 78 1 questions. 2 THE WITNESS: Do I get to keep the 3 computer? 4 MR. ZUCKER: No. 5 JUDGE BURTON: All right. Mr. Zucker, I 6 believe that's your only witness? 7 MR. ZUCKER: Yes, Your Honor. 8 JUDGE BURTON: My thought is that we were 9 going to take a break for lunch. I believe that 10 Staff is up next, so before we take a break, Mr. Keevil, if you would like to offer the 11 12 exhibit, the testimony of Mr. Sommerer, I don't believe we'll be needing him for any additional 13 14 testimony. 15 MR. KEEVIL: Okay. I caught on, Judge. 16 Yes, judge, as I mentioned previously, 17 Mr. Sommerer filed direct testimony in both the 0196 and 0197 cases but his testimony is limited 18 19 to the rate design and computation of the actual 20 rates, which is not an issue according to the 21 issue list, according to my understanding of what is at issue. So I would like to offer his 22 23 testimony, which has been marked as Exhibit 6 and 24 Exhibit 8, into the record, into the proceeding, and ask it -- that be received without the 25

Page 79 1 necessity of him taking the witness stand. 2 JUDGE BURTON: All right. Exhibit 6, 3 which is Mr. Sommerer's direct testimony in 0196, 4 the Laclede application, has been offered. Are 5 there any objections? 6 MR. ZUCKER: No, Your Honor. 7 JUDGE BURTON: Hearing no objections, that 8 is admitted. Exhibit 8 is Mr. Sommerer's direct 9 testimony in the MGE application. Are there any 10 objections? 11 MR. ZUCKER: No. 12 JUDGE BURTON: Hearing none, Exhibit 8 is 13 also admitted. For housekeeping, Mr. Zucker, I 14 don't have Exhibit 1 or Exhibit 2 as being 15 offered. MR. ZUCKER: I would like to offer it now, 16 17 then, with my microphone on. 18 JUDGE BURTON: Okay. Exhibit 1 is the 19 application for Laclede and GO-2016-0196. Are 20 there any objections? Hearing none, that is 21 admitted. Exhibit 2 is the application of MGE in 22 File GO-2016-0197. Are there any objections? 23 Hearing none, that also is admitted. At this 24 time, I'd like to take a recess for lunch. It's 11:00. Why don't we come back at 12:30? Will 25

Page 80 that work? And we're off the record. 1 2 (Break taken.) 3 JUDGE BURTON: Let's resume the hearing. And I believe, Mr. Keevil, you were up with your 4 5 second or, technically, first witness. 6 MR. KEEVIL: Right. Staff would call 7 Brian Wells. 8 (Witness sworn.) 9 DIRECT EXAMINATION BY MR. KEEVIL: 10 11 Mr. Wells, will you state your name for Q 12 the record, please? Brian Wells. 13 А 14 Are you the Brian Wells who were caused to 0 15 be prepared direct testimony of Brian Wells in Case 16 No. GO-2016-0196? 17 А Yes. 18 And I believe that direct testimony has Q been premarked as Exhibit No. 5. Is that your 19 20 understanding, sir? 21 А Yes. 22 Do you have any changes or corrections you Q 23 need to make to that testimony? 24 No, I do not. A 25 Are the matters stated in that testimony 0

Page 81 1 true and correct to the best of your information, knowledge, and belief? 2 3 А Yes. 4 0 If I were to ask you the questions 5 contained in the testimony, would your answers be the same today as contained therein? 6 7 A Yes. 8 MR. KEEVIL: Judge, with that, I would 9 offer Exhibit No. 5. 10 JUDGE BURTON: Are there any objections to the admission of Exhibit 5? 11 12 Hearing none, Exhibit 5 is admitted. MR. KEEVIL: I tender the witness for 13 cross, Judge. 14 15 JUDGE BURTON: I believe, Mr. Zucker, 16 that's your cross first. 17 MR. ZUCKER: Thank you, Your Honor. 18 JUDGE BURTON: And please remember to 19 speak into your microphone. 20 CROSS-EXAMINATION 21 BY MR. ZUCKER: Good afternoon, Mr. Wells. 22 Q 23 А Good afternoon. 24 Q You said in your testimony that you had 25 adequate time to do the review of the two updated

		Page 82
1	months. Do you recall that?	
2	A Yes, I do recall.	
3	Q And do you remember what date you received	
4	that information?	
5	A The updated information?	
6	Q Yes.	
7	A That was on March 9th, 2016.	
8	Q Okay. And in reviewing it, how did you	
9	set up your audit?	
10	A It was similar to the process that I went	
11	through to audit the we'll say the non true-up	
12	items, the non-updated items. I was provided with	
13	order authorization sheets to review as well as	
14	updated work papers provided by the company and I	
15	was able to view those. I also requested a sample	
16	of invoices to aid in that process as well.	
17	Q Okay. Did you have a materiality level?	
18	A Overall, the work order authorization	
19	sheets represented 73 percent of the additions for	
20	which the company was requesting recovery in this	
21	case. But that 73 percent does include the non	
22	true-up and the true-up periods combined.	
23	Q And did you look at on the two months	
24	updated information, did you look at all information	
25	for projects that were over a certain dollar amount?	

	Page 83
1	A The work order authorization sheets that
2	were provided to Staff were for for items that
3	were over \$50,000.
4	Q And is the 50,000 a cost or revenue
5	requirement?
б	A Of costs for the additions, additions
7	dollars.
8	Q So the revenue requirement for that would
9	be much smaller?
10	A Correct.
11	MR. ZUCKER: No further questions.
12	JUDGE BURTON: Okay. Thank you.
13	Mr. Poston?
14	CROSS-EXAMINATION
15	BY MR. POSTON:
16	Q Good afternoon.
17	A Good afternoon.
18	Q You did just the Laclede audit, right, not
19	the MGE?
20	A That's correct, yes.
21	Q And you've been involved in only one other
22	ISRS audit, is that correct?
23	A That is correct.
24	Q And what was your involvement in that
25	case? Did you do the recommendation?

	Page 84
1	A Yes, I had the same involvement as with
2	this case where I performed the audit with
3	supervision and participated in putting together
4	that that memorandum.
5	Q Okay. And did someone at Staff instruct
6	you on how to do an ISRS petition audit?
7	A Yes, I was yeah, instructed on how to
8	do that.
9	Q Who did that instruction?
10	A In this case or in the previous case?
11	Q Well, in this case, who instructed you in
12	this case?
13	A I was supervised by Mr. John Cassidy and
14	Mr. Mark Oligschlaeger.
15	Q Okay. And what directions were you given
16	in your review?
17	A The I was told that the two primary
18	goals of my review would be to verify that the items
19	held in the request were ISRS eligible and also to
20	verify that it was computation will be sound. To
21	check the math, make sure that the revenue
22	requirement was calculated correctly.
23	Q Okay. Laclede filed on February 1, is
24	that correct, the petition?
25	A Yes, that's correct.

		Page 85
1	Q When did you start your audit?	
2	A My review, due to other casework, actually	
3	began, roughly, I would say, the week of	
4	March 14th. That's an estimation.	
5	Q So roughly two weeks before you filed the	
6	recommendation?	
7	A Roughly.	
8	Q And did you do any site visits to Laclede	
9	during your audit?	
10	A Not during this audit period. Although	
11	Laclede has allowed us to do some reviews of on-site	
12	visits previous to this case having been filed.	
13	Q But not in this case?	
14	A But not in this case.	
15	Q You also, I believe, in response to a	
16	question from Mr. Zucker, you said that you looked	
17	at invoices?	
18	A I did.	
19	Q How many invoices did you look at?	
20	A In number, it was a total of seven	
21	invoices.	
22	Q What were those invoices for?	
23	A Well, I should say the specific number of	
24	invoices it was seven invoice items, I should	
25	say, and some of those involved two documents so you	

		Page 86
1	could say two invoice numbers were involved in that.	
2	But, I'm sorry, what was your question?	
3	Q I asked I don't know what my question	
4	was. I asked you you said it was seven invoices.	
5	Yeah, I don't remember what my question was. What	
б	was the subject of invoices? What were the invoices	
7	for?	
8	A They were for some certain specific	
9	categories of expense. Most of the expense incurred	
10	by the company for for these items. It's	
11	in-house expense so there's no external invoices to	
12	review, but there were some for I'm trying to	
13	remember for paving services, paving materials,	
14	some repair and maintenance and trying to find that.	
15	Stores issues, maintenance repair and operations was	
16	that other one.	
17	Q And so you requested those invoices from	
18	the company?	
19	A Yes, that's correct.	
20	Q And what caused you to select those?	
21	A Those specific items?	
22	Q Right.	
23	A My methodology was that I looked at the	
24	the work order numbers. I started I wanted to do	
25	five five items for the non true-up period and	

		Page 87
1	then I did two for the true-up period. And I chose	
2	the largest work orders based on the company work	
3	papers, the largest amounts, so I picked five from	
4	the non true-up and two from the true-up. And then,	
5	from there, I randomly selected one of those GL	
6	categories that I just mentioned, paving materials,	
7	paving services, et cetera. And then I also	
8	randomly selected a month within that period.	
9	Either the non true-up period or the true-up period.	
10	And requested invoices related to those criteria.	
11	Q So in addition to well, let me ask you:	
12	What all did Laclede provide you in addition to	
13	those invoices for your review?	
14	A Other than those invoices I was provided	
15	with work order authorization sheets and company	
16	work papers and any other assistance they could	
17	provide, verbal assistance, that offer was	
18	available, that was provided.	
19	Q Did you look at all of the work order	
20	authorization sheets for all the ISRS costs in this	
21	case or just a sampling?	
22	A Just the sample. As I mentioned, it was	
23	for \$50,000 or above. I reviewed all of those work	
24	order authorization sheets which were provided, but	
25	that's not all that there are.	

		Page 88
1	Q And those work order authorization sheets	
2	aren't the actual work orders, is that correct?	
3	A That's my understanding.	
4	Q Okay. And why didn't you review any	
5	actual work orders?	
6	A Those were not provided and they are	
7	generally not provided for these cases. My	
8	understanding is that it's a voluminous amount of	
9	documentation and I was not instructed to to	
10	to try to acquire those for this case for review.	
11	Q Do you think those work orders are	
12	important to look at?	
13	A I don't know. That would be a good	
14	question, policy question, for Mr. Oligschlaeger.	
15	Q So, Mr. Buck attached documents to his	
16	rebuttal testimony, some of the work order	
17	authorization sheets. Have you seen that?	
18	A I'm sure I have, but I don't specifically	
19	recall the items.	
20	MR. POSTON: Judge, can I approach?	
21	JUDGE BURTON: You may.	
22	MR. POSTON: Judge, I'd like to have this	
23	marked No. 12. Exhibit 12.	
24	JUDGE BURTON: We are at 12.	
25	(OPC Exhibit 12 marked.)	

	Page 89
1	Q (By Mr. Poston) Can you identify what I've
2	handed you and what's been marked Exhibit 12?
3	A This appears to be a collection of work
4	order authorization sheets.
5	Q Are these authorization sheets that are
6	for work orders that are included in this ISRS case?
7	A Presumably. I don't have all the work
8	order numbers memorized, but
9	Q If these were work orders that were
10	attached to Mr. Buck's testimony, would
11	A Then it's reasonable to assume that that
12	is true, but I can't verify it myself off the top of
13	my head.
14	Q I'd like to walk through these with you.
15	If you see on the bottom, I've labeled them one
16	through six. So just starting with Page 1 on
17	Exhibit 12, so looking at this work order, you had
18	testified earlier that one of your goals was to
19	verify whether the item's eligible?
20	A Correct.
21	Q So on this first sheet, what would you
22	look at on here to determine whether this plant item
23	is eligible?
24	A My my main indication would be reading
25	the work order description, which is in sort of the

		Page 90
1	top section, there's a work order description and	
2	notes as well. And it has locations on here. And	
3	it has some in service dates as well. There are	
4	expenses down at the bottom. But those are	
5	estimations. This is a work order authorization.	
б	So this is a document that was put together before	
7	the work was completed.	
8	Q So this doesn't even give you the actual	
9	expenditures for this work order?	
10	A That's true. Of course, verifying the	
11	expenses was not something I was instructed to do	
12	with this audit.	
13	Q Is this first one is this one that you	
14	reviewed in your audit?	
15	A I don't know specifically if it was	
16	provided with either the initial set of materials	
17	from the application or it was provided with the	
18	true-up information, then I would have reviewed it.	
19	But, again, I don't have the work order numbers	
20	memorized.	
21	Q So looking at this sheet, can you	
22	determine what the actual in service date is?	
23	A No, I cannot.	
24	Q So how do you know this was actually in	
25	service?	

1       A Well, there were a few questions I had         2       with the in service dates I would look at. So my         3       follow-up was that I contacted some company         4       representatives and inquired why are these you         5       know, with these in service dates, what can you tell         6       me about them? And he provided more information on         7       when things go in service and when costs are         8       incurred and how that interacts with the costs that         9       are in the application.         10       Q       He, is that Mr. Buck?         11       A Yes, it was.         12       Q       So, do you see you had mentioned the         13       notes and it mentions in here that it's being         14       replaced as part of the fiscal year '15 cast iron         15       replacement program, do you see that?         16       A Yes, I do.         17       Q       Did you do anything in your audit to         18       ensure that cast iron was actually being replaced as         19       part of this work order?         20       A Other than reviewing the documentation,         21       which I was provided, and the company work papers,         21       jpipes, no, I did not.			Page 91
<ul> <li>follow-up was that I contacted some company</li> <li>representatives and inquired why are these you</li> <li>know, with these in service dates, what can you tell</li> <li>me about them? And he provided more information on</li> <li>when things go in service and when costs are</li> <li>incurred and how that interacts with the costs that</li> <li>are in the application.</li> <li>Q He, is that Mr. Buck?</li> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> </ul>	1	A Well, there were a few questions I had	
<ul> <li>representatives and inquired why are these you</li> <li>know, with these in service dates, what can you tell</li> <li>me about them? And he provided more information on</li> <li>when things go in service and when costs are</li> <li>incurred and how that interacts with the costs that</li> <li>are in the application.</li> <li>Q He, is that Mr. Buck?</li> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> </ul>	2	with the in service dates I would look at. So my	
<ul> <li>know, with these in service dates, what can you tell</li> <li>me about them? And he provided more information on</li> <li>when things go in service and when costs are</li> <li>incurred and how that interacts with the costs that</li> <li>are in the application.</li> <li>Q He, is that Mr. Buck?</li> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> </ul>	3	follow-up was that I contacted some company	
<ul> <li>me about them? And he provided more information on</li> <li>when things go in service and when costs are</li> <li>incurred and how that interacts with the costs that</li> <li>are in the application.</li> <li>Q He, is that Mr. Buck?</li> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	4	representatives and inquired why are these you	
<ul> <li>when things go in service and when costs are</li> <li>incurred and how that interacts with the costs that</li> <li>are in the application.</li> <li>Q He, is that Mr. Buck?</li> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	5	know, with these in service dates, what can you tell	
<ul> <li>incurred and how that interacts with the costs that</li> <li>are in the application.</li> <li>Q He, is that Mr. Buck?</li> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	6	me about them? And he provided more information on	
<ul> <li>9 are in the application.</li> <li>Q He, is that Mr. Buck?</li> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	7	when things go in service and when costs are	
<ul> <li>10 Q He, is that Mr. Buck?</li> <li>11 A Yes, it was.</li> <li>12 Q So, do you see you had mentioned the</li> <li>13 notes and it mentions in here that it's being</li> <li>14 replaced as part of the fiscal year '15 cast iron</li> <li>15 replacement program, do you see that?</li> <li>16 A Yes, I do.</li> <li>17 Q Did you do anything in your audit to</li> <li>18 ensure that cast iron was actually being replaced as</li> <li>19 part of this work order?</li> <li>20 A Other than reviewing the documentation,</li> <li>21 which I was provided, and the company work papers,</li> <li>22 if you're asking if I went out and checked the</li> <li>23 pipes, no, I did not.</li> <li>24 Q Did anybody, any engineer from Staff, do</li> </ul>	8	incurred and how that interacts with the costs that	
<ul> <li>A Yes, it was.</li> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	9	are in the application.	
<ul> <li>Q So, do you see you had mentioned the</li> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	10	Q He, is that Mr. Buck?	
<ul> <li>notes and it mentions in here that it's being</li> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	11	A Yes, it was.	
<ul> <li>replaced as part of the fiscal year '15 cast iron</li> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	12	Q So, do you see you had mentioned the	
<ul> <li>replacement program, do you see that?</li> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	13	notes and it mentions in here that it's being	
<ul> <li>A Yes, I do.</li> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	14	replaced as part of the fiscal year '15 cast iron	
<ul> <li>Q Did you do anything in your audit to</li> <li>ensure that cast iron was actually being replaced as</li> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	15	replacement program, do you see that?	
<ul> <li>18 ensure that cast iron was actually being replaced as</li> <li>19 part of this work order?</li> <li>20 A Other than reviewing the documentation,</li> <li>21 which I was provided, and the company work papers,</li> <li>22 if you're asking if I went out and checked the</li> <li>23 pipes, no, I did not.</li> <li>24 Q Did anybody, any engineer from Staff, do</li> </ul>	16	A Yes, I do.	
<ul> <li>part of this work order?</li> <li>A Other than reviewing the documentation,</li> <li>which I was provided, and the company work papers,</li> <li>if you're asking if I went out and checked the</li> <li>pipes, no, I did not.</li> <li>Q Did anybody, any engineer from Staff, do</li> </ul>	17	Q Did you do anything in your audit to	
A Other than reviewing the documentation, which I was provided, and the company work papers, if you're asking if I went out and checked the pipes, no, I did not. Q Did anybody, any engineer from Staff, do	18	ensure that cast iron was actually being replaced as	
21 which I was provided, and the company work papers, 22 if you're asking if I went out and checked the 23 pipes, no, I did not. 24 Q Did anybody, any engineer from Staff, do	19	part of this work order?	
22 if you're asking if I went out and checked the 23 pipes, no, I did not. 24 Q Did anybody, any engineer from Staff, do	20	A Other than reviewing the documentation,	
<ul> <li>23 pipes, no, I did not.</li> <li>24 Q Did anybody, any engineer from Staff, do</li> </ul>	21	which I was provided, and the company work papers,	
Q Did anybody, any engineer from Staff, do	22	if you're asking if I went out and checked the	
	23	pipes, no, I did not.	
25 they ever go out and check for ISRS cases?	24	Q Did anybody, any engineer from Staff, do	
	25	they ever go out and check for ISRS cases?	

		Page 92
1	A I don't know. Not to my knowledge.	
2	Q So you're just taking it on the company's	
3	word that this is actually cast iron, replacement of	
4	cast iron?	
5	A Yes.	
6	Q Did you do anything during your audit to	
7	ensure that the mains that were being replaced for	
8	this work order were worn out or in deteriorated	
9	condition?	
10	A No, I did not.	
11	Q Do you see, up towards the top of this	
12	work order, it says "eligible for AFUDC" and then it	
13	says, "yes," do you see that?	
14	A We still on the first page, No. 1?	
15	Q Yes. On the top left.	
16	A Oh, yes, I see it now, yes.	
17	Q What is AFUDC?	
18	A I don't know.	
19	Q So did you check any replacements to make	
20	sure the appropriate AFUDC rate was used?	
21	A No, not specifically.	
22	Q And do you see the reason code right below	
23	the AFUDC?	
24	A I do.	
25	Q It says "strategic," right?	

		Page 93
1	A Yes, it does.	
2	Q What does that mean?	
3	A I don't know.	
4	Q Okay. Let's turn to the second one.	
5	Okay. So the total, I guess, estimated cost of this	
6	No. 2 is roughly \$217,000, is that correct?	
7	A Yes, I see that.	
8	Q And it's on the note section you see where	
9	it says it's part of the strategic cast iron	
10	replacement program and then it says service	
11	estimate, 53 renewals and three abandonments. Can	
12	you explain what that means?	
13	A Which part are you at?	
14	Q Oh, I'm sorry, under notes.	
15	A Right. I mean, are you inquiring about	
16	the first sentence or the second one?	
17	Q Where it says service estimate. 53	
18	renewals. Let's start there. What does that mean?	
19	A I don't know for sure.	
20	Q Okay. Well, let's move up to where it	
21	says work order description. Do you see where it	
22	says 2-4-1-0, 2,410 feet?	
23	A Yes.	
24	Q Of 2PL, what is that?	
25	A That's two inch plastic.	

Page 94 1 And IP, what is that? 0 2 А IP is intermediate pressure. 3 And if you follow along, that describes 0 4 the location, correct? 5 Α Yes. 6 Q And then it says abandon 1,001 feet of 6CI 7 at same location. Do you see that? 8 Α Yes, I do. 9 0 Would you assume the three abandonments under the notes are those 1,000 feet, correct? 10 11 They've abandoned 1,000 feet of main? 12 А That stands to reason. 13 Q And then they renewed 53, perhaps? 14 А Yes. 15 0 Of mains. So that's -- so of that 16 2,410 feet, did you check to ensure that this main 17 was not used to connect to any new customers? No, I did not. 18 А 19 Did you check to ensure that if any one of Q 20 those 53 renewals that the replaced main was worn 21 out or in deteriorated condition? 22 Α No, I did not. 23 Q Okay. Can you turn to the third page? 24 This is work order 900647. Do you see that? 25 А Yes.

Page 95 1 0 So do you see under work order type 2 description? 3 А Yes. 4 0 It says "WO-Relocation mains, LGC," do you 5 see that? 6 А I do. 7 If you look over to the right under budget Q 8 description, it says "replacement header main," you 9 see that? 10 Oh, yes, I do. А 11 Think it's inconsistent? Is it a Q 12 relocation or is it a replacement? I don't know. 13 А 14 Relocations and replacements have 0 15 different eligibility criteria, do they not? А 16 I don't know. 17 Says the estimated cost of this project Q was \$474,000 and -- \$474,085, is that correct? 18 19 A Correct. 20 And do you see under the work order Q description, could you read the second sentence 21 22 under that? 23 Α This header main is being installed to 24 support the fiscal year '14 strategic cast iron replacement program. 25

	Page 96
1	Q Would you agree that's different than
2	saying that we're replacing this because it is a
3	cast iron replacement?
4	A Could you ask that question again?
5	Q Would you agree that saying that you're
6	just installing it to support the program is
7	different than saying this is a replacement of a
8	cast iron main?
9	A I'm not sure I'm understanding the
10	distinction between those two items.
11	Q Could let me ask this: This does not
12	say this header main is replacing cast iron?
13	A It does not literally say that, no.
14	Q It just says it's being installed to
15	support the program?
16	A That is what it says.
17	Q Would you agree that's vague?
18	A It is somewhat vague. But it does provide
19	some insight as well. Medium vague, perhaps.
20	Q And the reason code for this is also
21	strategic?
22	A It indicates it has that word in the
23	sentence.
24	Q I mean, under the reason code?
25	A Oh, yes, under reason code, it does say

Page 97 1 strategic. Let's turn to four, please. This is Work 2 0 3 Order 900953. Do you see that? 4 А Yes. 5 It's 342,000 estimated expense, right? 0 Roughly, yes. 6 А 7 And the description says it's installation Q 8 of over 3,500 feet of main, correct? 9 А Correct. 10 And it's well over a half mile? Q Yes. 11 А 12 It doesn't say cast iron, does it? Q No, I don't see those words. 13 А 14 And do you see where it also says -- could Q 15 you read the second sentence under the work order 16 description? 17 А Main to be installed as part of the fiscal year 2015 main replacement program and is needed to 18 facilitate the future abandonment of the 12-inch 19 steel on Union. 20 21 0 What does that mean; to facilitate the 22 future abandonment? 23 А My assumption would mean that they intend 24 to perform -- to abandon the pipe, but they need to do something beforehand to allow service to continue 25

	]	Page 98
1	in the meantime. It's a matter of timing so no	
2	service is lost.	
3	Q All right. Let me move to five. This is	
4	work order 900446. Do you see that?	
5	A Yes, I do.	
6	Q Can you please point me to anything on	
7	this work order where it provides any information	
8	suggesting this project is ISRS eligible?	
9	A Not on this document, no.	
10	Q Did you inquire into this with Laclede?	
11	A No, not on this specific work order, I did	
12	not.	
13	Q Do you see the estimated in service date?	
14	A Yes, I do.	
15	Q What is that?	
16	A It's February 24th, 2014.	
17	Q So it's over two years ago?	
18	A Yes.	
19	Q Do you have an explanation as to why that	
20	would be there?	
21	A That's these are some of the dates that	
22	I mentioned earlier that I had questions about and	
23	so I asked company representatives about about	
24	those concerns. And the explanation was something	
25	to the effect of that this is work that had been	

		Page 99
1	done in the past, but because of circumstance	
2	specific circumstances for the project, the costs	
3	were booked and incurred at a later time. So while	
4	the project may have been done outside of the ISRS	
5	period for this case, the costs are still related to	
6	this ISRS case.	
7	Q And did you do any follow-up review of	
8	documentation to verify what they're telling you	
9	about the in service dates?	
10	A No, I did not.	
11	Q Okay. If we move to the last one and	
12	I'm almost done. And this is Page 6, work order	
13	900149. Do you see that?	
14	A Yes.	
15	Q And it says this one's a relocation,	
16	correct?	
17	A Yes.	
18	Q And did you check Laclede's documents for	
19	proof in this; that the City of St. Peters mandated	
20	this replacement?	
21	A Sorry, could you repeat that question?	
22	Q Well, actually, let's back up. Where it	
23	says notes, what does can you read where it says	
24	notes, what it says under notes?	
25	A It says these mains are being replaced for	

	Page 100
1	replacement of Sutters Mill Road Bridge by City of
2	St. Peters.
3	Q And did you ask Laclede for verification
4	that City of St. Peters mandated this replacement?
5	A No, I did not.
6	Q Did you ask for verification that Laclede
7	was not already reimbursed by the City of St. Peters
8	for this replacement?
9	A I inquired about reimbursements at some
10	point of company representatives and I was directed
11	to the company work papers, which show an itemized
12	basis, the costs that went in, and then a negative
13	cost, which is the reimbursement which offsets the
14	cost. And I was directed to, you know, how you can
15	see a specific work order, it will have work order
16	number, cost, the same work order number, and a
17	negative cost, which is the offset, the
18	reimbursement.
19	Q And you're accepting the company's numbers
20	for those?
21	A Yes.
22	Q You haven't inquired with any government
23	entity with the power of eminent domain as to
24	whether they reimbursed Laclede?
25	A No.

		Page 101
1	MR. POSTON: Judge, that's all I have.	
2	I'd like to offer Exhibit 12.	
3	JUDGE BURTON: Exhibit 12 has been	
4	offered. Are there any objections?	
5	MR. ZUCKER: No objections.	
б	JUDGE BURTON: Exhibit 12 is admitted.	
7	Mr. Wells, these exhibits, they were part of the	
8	rebuttal schedule provided by Laclede's witness,	
9	Mr. Buck. Were these specific ones presented to	
10	you for the audit?	
11	THE WITNESS: I presume so. I'm not	
12	well, I do have all the things that I looked at	
13	in front of me but I would have to go through 60	
14	pages or so to verify that these specific items	
15	were in here. I can do that if you want to take	
16	the time to do that, but	
17	JUDGE BURTON: Let me ask you this: Is	
18	there another individual on the Staff who would	
19	have been reviewing these work orders other than	
20	yourself?	
21	THE WITNESS: Oh, no, no. It was just me.	
22	I presume that what was attached to that rebuttal	
23	testimony was excuse me, were work order	
24	authorization sheets, which I did review, but	
25	they do all look the same at a glance, so	

		Page
1	JUDGE BURTON: Can you just walk me	
2	through what happens when you receive these work	
3	orders? Let's just limit it to, for instance,	
4	the ones for January and February for Laclede.	
5	THE WITNESS: I would look at the company	
6	work papers and I would try to filter out	
7	JUDGE BURTON: Can you explain what you	
8	mean by work papers?	
9	THE WITNESS: Sure. With the application	
10	that was filed, some appendices to that, which	
11	showed the additions and the retirements and tax	
12	information and everything else. And those were	
13	all put together in one Excel spreadsheet. And	
14	usually when I'm referring to company work	
15	papers, that's the documentation I'm referring	
16	to. That's the documentation that had 30 tabs,	
17	Excel tabs, on it. And that had a lot of	
18	information in it. And so what I would do with	
19	that is I would go to the additions tab and I	
20	would filter out for the work order numbers that	
21	I received with these authorization sheets. And	
22	I would compare information from the work papers	
23	to the information that's on these authorization	
24	sheets and see if they are comparable, if they	
25	are similar.	

102

		Page 103
1	JUDGE BURTON: In what way?	
2	THE WITNESS: Well, in the work papers, it	
3	does have a brief description like you might find	
4	in a general ledger, a very brief description	
5	about what the item was and, of course, on here	
6	you see a somewhat more detailed description and	
7	you could compare those. Also, the in the	
8	work papers, they'll have a designation as to	
9	the that ties that specific cost to something	
10	from the statute that allows me to see which	
11	paragraph of the statute does this pertain to in	
12	terms of ISRS eligibility. And then I can look	
13	at this as well and see see if this can back	
14	that up.	
15	JUDGE BURTON: Okay. And is that the	
16	conclusion of your review, your audit, of the	
17	information that's provided with these work	
18	papers?	
19	THE WITNESS: That it is ISRS eligible, is	
20	that what you're asking?	
21	JUDGE BURTON: Yes.	
22	THE WITNESS: Yeah, it is my conclusion	
23	that the items for which the company requested	
24	recovery are ISRS eligible and that the revenue	
25	requirement was calculated correctly.	

		Page 104
1	JUDGE BURTON: I asked specifically about	
2	the January and February projects.	
3	THE WITNESS: Yes.	
4	JUDGE BURTON: Were those included, those	
5	numbers in the work papers that were attached and	
6	provided with the application?	
7	THE WITNESS: Well, no. There were two	
8	sets of work papers. The application included	
9	one well, the work papers were sort of	
10	summarized in the application itself, all those	
11	appendices and attachments, and then we got an	
12	Excel format after that. And those documents	
13	included estimates for January and February.	
14	Then on March 19th, we got a new Excel document	
15	which replaced those estimations with actual	
16	numbers for January and February. So with those	
17	updated work papers, we had actual amounts for	
18	January and February. And at that time we also	
19	received the work order authorization sheets for	
20	January and February things.	
21	MR. KEEVIL: Did you say March 19th?	
22	THE WITNESS: I meant to say March 9th,	
23	I'm sorry.	
24	JUDGE BURTON: And so as part of your	
25	review, when you have this updated information on	

		Page 105
1	March 9th, would you evaluate information other	
2	than the code, that ABCK, et cetera, that matches	
3	with the ledger to identify what specific portion	
4	or reasoning there is for it being included in	
5	the ISRS?	
6	THE WITNESS: I did rely on the	
7	designations that were provided in those work	
8	papers but I could also to some extent, I	
9	could check them against what they provided in	
10	this other documentation and to see if it would	
11	jive.	
12	JUDGE BURTON: Were there any that,	
13	quote-unquote, did not jive?	
14	THE WITNESS: None that I saw.	
15	JUDGE BURTON: Okay. Thank you.	
16	THE WITNESS: Thank you.	
17	JUDGE BURTON: Recross?	
18	MR. ZUCKER: Yes, Your Honor. Permission	
19	to approach the witness.	
20	JUDGE BURTON: You may.	
21	MR. KEEVIL: While they're doing that,	
22	Judge, was 12 received?	
23	JUDGE BURTON: Yes.	
24	RECROSS-EXAMINATION	
25	BY MR. ZUCKER:	

Page 106 1 0 Mr. Wells? 2 А Yes. 3 You were asked by the judge about what you Q 4 reviewed. I've handed you a sheath of documents at 5 least 103 pages. Do you recognize it? 6 Yes, it appears to be -- this appears to Α 7 be a printout of the work papers, the updated work 8 papers, appears to be. 9 Q Okay. So this is what you would have received on or by March 9th? 10 А 11 Correct. 12 And this includes all of the items that 0 13 were from September to December plus January and 14 February? 15 А Yes, that is accurate. 16 And this is the document you were 0 17 referring to when you -- when you were describing it to the judge? 18 19 Α Yes. 20 MR. ZUCKER: Okay. I would like to mark 21 this as Exhibit 13. 22 JUDGE BURTON: Okay. So marked. 23 (Laclede Exhibit 13 marked.) 24 Q (By Mr. Zucker) So, looking toward the 25 back at Appendix A, Schedule 3, for example -- so

Page 107 1 Appendix A, Schedule 3 starts on, looks like, Page 2 61. No, I'm sorry, Page 52. 3 Yes, that appears to be correct. Α 4 0 And that's where you see the references to 5 the ISRS statute and the state or federal safety requirement? 6 7 Α Yes. I do see that. 8 Q Do you know how those came to be included 9 in this document? Are you aware of that? 10 I assume someone typed it. А 11 I'm sorry, why they're in at all? Are you Q 12 aware that Office of Public Counsel asked for this 13 information to be included? MR. POSTON: Objection. That's leading 14 and that's putting facts into evidence that are 15 not into evidence. 16 17 JUDGE BURTON: I'll sustain. 18 MR. ZUCKER: It is cross, Your Honor. 19 Okay. Well, I would like to offer Exhibit 13 20 into evidence. 21 MR. POSTON: I'm going to object. This is 22 something the company was supposed to file with 23 the petition. They're submitting it after the 24 60-day period. We have not been given an opportunity to review what this is. They don't 25

		Page 108
1	even have a copy for us and, yeah, I object to	
2	this.	
3	JUDGE BURTON: Mr. Zucker, do you have a	
4	copy for opposing counsel?	
5	MR. ZUCKER: Absolutely, Your Honor.	
6	MR. POSTON: Okay. So am I to sit here to	
7	read through this entire 130 something pages and	
8	verify this? We certainly can't verify this here	
9	now. Laclede had every opportunity, you know,	
10	they're trying to strike our testimony. They had	
11	every opportunity to submit this stuff into the	
12	record since February well, I guess	
13	March 9th, when they actually calculated this	
14	stuff, two weeks before the recommendations were	
15	due. So, yeah, we object to this being entered	
16	into the record.	
17	MR. ZUCKER: Your Honor, you asked about	
18	the format of this document and what he looked at	
19	and we're providing this as evidence of what he	
20	looked at. He identified it and authenticated	
21	it. And, I'm sorry, one other thing. This was	
22	delivered on March 9th to Staff and it was also	
23	delivered that same day to OPC. So they had had	
24	it for six weeks.	
25	JUDGE BURTON: Okay.	

		Page 109
1	MR. POSTON: We're not familiar with that.	
2	We can double-check to see if that came to us.	
3	We're familiar with getting work orders. We	
4	don't recall getting this, but we can certainly	
5	check.	
6	JUDGE BURTON: I'm going to mark Exhibit	
7	13 as offered for right now. I'm going to give	
8	OPC an opportunity to review this and make any	
9	specific objections to whether or not what has	
10	just been handed to you by Mr. Zucker is	
11	inconsistent with the information in the	
12	materials that was provided to Staff and OPC on	
13	March 9th.	
14	MR. POSTON: When would you like me to	
15	follow up on that?	
16	JUDGE BURTON: Depending on how soon we	
17	get done today, I would hope that we could get	
18	something from OPC by, let's say, 10:00 tomorrow	
19	morning.	
20	MR. POSTON: Absolutely.	
21	MR. ZUCKER: If it's helpful for Public	
22	Counsel, this was sent in an e-mail from Glenn	
23	Buck on February 9th at 2:36 p.m. and it was	
24	I'm sorry, March 9th. The third month of the	
25	year, ninth day, at 2:36 p.m. And it includes in	

Fax: 314.644.1334

## EVIDENTIARY HEARING - Vol. I 4/26/2016

Page 110 1 its address Charles Hyneman and Marc Poston. 2 JUDGE BURTON: Okay. Thank you. 3 Mr. Zucker, do you have any additional questions? 4 MR. ZUCKER: Based on questions from the 5 bench? JUDGE BURTON: Yes. 6 7 MR. ZUCKER: No, Your Honor. 8 JUDGE BURTON: Okay. Mr. Poston? 9 **RECROSS-EXAMINATION** BY MR. POSTON: 10 11 Judge asked you questions about the code Q 12 that Laclede uses, the ABCK, and what does that code 13 reference to? The code references ISRS -- the ISRS 14 А statutes or rules to verify ISRS eligibility. It 15 16 provides insight into that. 17 Would you agree that Laclede also uses 0 codes to cite to safety rules that they say they are 18 19 compliant with with the ISRS expenditures? 20 А Yes. And did you verify any of those, follow-up 21 Q 22 and look and verify that -- look at the rule that 23 they're citing to make sure that it was consistent 24 with ISRS eligibility? MR. KEEVIL: I'm going to object to this. 25

		Page 111
1	I think this is exactly what the judge asked;	
2	what he looked at to verify ISRS eligibility.	
3	JUDGE BURTON: I'm going to overrule.	
4	A Can you repeat the question, please?	
5	Q (By Mr. Poston) Yeah, when you viewed the	
6	petition, including the additional January and	
7	February costs, did you look to verify that the	
8	legal reason that the company was claiming that it	
9	had to make these replacements, was actually did	
10	you verify that it was an eligible replacement,	
11	according to or the legal, I guess, requirements	
12	that the company claims that they were following?	
13	A Are you asking if I checked the rules that	
14	were included in the work papers as attached to	
15	these various codes to the statute itself? Is that	
16	what you're	
17	Q I'm asking you like if the company claimed	
18	that if they cite to a commission rule and said	
19	this rule required us to make this replacement and	
20	that's why we're making this replacement, did you	
21	verify of that, check with the rules and check the	
22	plant they're replacing, compare it to the rule	
23	they're claiming that caused them to make that	
24	replacement? Did you verify any of those?	
25	A Well, yes, we can see it on this sheet	

Page 112 1 right here. We can see that that's --2 Show me where you're referring to. 0 3 А I may not be understanding your question 4 exactly. 5 Okay. Well, let's go back to -- I'm on 0 Exhibit 13. Me citing this is going to create a 6 7 problem with me objecting to this. Let me actually 8 look at the petition. Do you have the petition with you? I believe that's in there. Do you have the 9 10 petition? I think I'm opposite of what Glenn Buck 11 А 12 had earlier. I don't have the work papers, the 13 attachments, but I do have the application itself. 14 0 You have just the opposite of him? 15 А Yeah, exactly. 16 Then I'm going to talk generically, then. 0 17 So you're aware that in the petitions, as the judge was asking you about, that there are codes that the 18 19 company uses, correct? 20 Α Yes. Yeah. And would you agree that one of those 21 Q 22 codes is that it cites to different rules within The 23 Commission's safety rules? 24 А Yes. 25 Okay. And what's the purpose of them 0

		Page 113
1	citing to those different safety rules?	
2	A It provides insight for Staff and other	
3	parties so that they can see on an individual basis	
4	for these additions, which which requirement they	
5	meet, which portion of the statute that they meet to	
6	be ISRS eligible.	
7	Q Okay. You're talking about the ISRS	
8	statute. I'm talking about the safety rules.	
9	A Okay.	
10	Q And that's different. So you're claiming	
11	that you did look at the ISRS claims that they made,	
12	the code they used to claim which ISRS statute	
13	caused it to be eligible, right?	
14	A I looked at these both of these	
15	columns, not just one or the other, but both.	
16	Q Okay. Let me ask you this, then: So you	
17	did not then look to verify any gas safety rules	
18	compliance with any gas safety rules with any of	
19	these plants that they're claiming?	
20	MR. KEEVIL: I'm going to object to that	
21	as being beyond the scope of questions from the	
22	bench.	
23	MR. POSTON: Judge, you asked him	
24	specifically about these codes and I'm asking him	
25	again about these codes that the company's using	

Page 114 1 in their petition. 2 MR. KEEVIL: Mr. Poston himself has 3 admitted there were multiple codes, not the codes 4 you were asking about. 5 JUDGE BURTON: I'm going to give a little bit of leeway for the witness to identify what he 6 7 understands when he's reviewing the codes. 8 Q (By Mr. Poston) I'm just asking, did you 9 look at any gas safety rules, compare the gas safety rules cited by the company with the plant they're 10 11 claiming is eligible to verify that that type of 12 plant is satisfying a particular gas safety rule? 13 I'm not talking about ISRS rules. If you're asking if I looked up the rule 14 Α 15 independently as research and compared it to the 16 rule that they were citing in their work papers, no, 17 I did not do that research. Did you look at the rule -- the safety 18 Q 19 rule and compare it to the work order, the project 20 that they're claiming? Could you repeat that question? 21 Α 22 Did you look up the gas safety rules to Q ensure -- to compare the project that they're --23 24 let's say like a main replacement, did you then 25 compare the rule they cite requiring that

Page 115 1 replacement? Did you then look up that rule? 2 Not in an independent research fashion. А MR. POSTON: That's all I have. Thank 3 4 you. 5 JUDGE BURTON: Mr. Keevil? MR. KEEVIL: Very briefly, Judge. 6 7 REDIRECT EXAMINATION 8 BY MR. KEEVIL: 9 Just to follow-up a little bit on what Q 10 Mr. Poston was just asking you, Mr. Wells. You're 11 not a gas safety engineer, are you? 12 А No, I'm not. 13 Q You're a auditor? That is correct. 14 А 15 0 Okay. Mr. Poston, in his first round of 16 questions, asked you what invoices or what materials 17 you looked at in the conduct of your ISRS audit. And among them, I think, was the work order 18 19 authorization sheets, work papers, and you also 20 mentioned some invoices, do you remember that? 21 А Yes. 22 Okay. You said, I believe, you looked at Q 23 seven specific invoices, that they covered 24 multiple -- some of them covered more than one 25 product or something like -- could you explain what

Page 116 1 you said? А Well, it was complicated. When I 2 3 contacted Laclede representatives to do this invoice review, I was informed that that was a very 4 5 complicated thing to pursue and so the way that I went about it was I chose a work order number and I 6 7 chose, you know, the largest ones that I saw. And 8 then I randomly selected one of those GL categories. 9 By GL, you mean general ledgers? Q Yes, general ledger. I randomly selected 10 Α one of those categories and I randomly selected a 11 12 month for that category. Now, we have a very specific cost item in there and that is what I 13 requested in the invoices that I reviewed for that. 14 It was seven such specific items. 15 16 0 Okay. You say they were based on the 17 larger work orders? 18 They were -- those costs were included in Α an overall work order, yes. 19 20 Okay. And the work orders you say you Q picked from were from the larger work orders 21 22 themselves? 23 Α Yes, I intentionally chose the largest 24 ones. 25 You also, in your discussion previously 0

	Page 117
1	regarding the invoices, said something about, if I
2	understood you correctly, that a lot of Laclede's
3	activities were done through internal services?
4	A That's correct.
5	Q Could you explain that?
6	A A lot of the work that is done, the labor
7	that is done, is performed by Laclede employees.
8	Also, a lot of the inventory items that they that
9	they use in this work is from their own inventory,
10	in-house inventory, and because of that there aren't
11	invoices to review from when they bought this
12	this new item or for when they contracted out this
13	construction company to complete the project. It
14	was done in-house. So there is no such
15	documentation for external sources.
16	Q Okay. You still have a copy of Exhibit 12
17	that Mr. Poston handed you, which is the six
18	different work order authorizations?
19	A Yes.
20	Q If you could turn to Page 5, which is work
21	order 900446. I believe he asked you if there's
22	anything on there that indicates that it was ISRS
23	eligible. Do you see that under the work order type
24	description line where it says work order
25	replacement mains and services?

Page 118 1 А I do see that, yes. Could that be some indication that it 2 0 3 could be ISRS eligible? It is an indication that it could be ISRS 4 А 5 eligible, yes. 6 And, let's see, down there, further down, Q 7 funding project description, replacement of 8 distribution system, similar; would you agree that could be an indication of eligibility? 9 10 Yes, I would agree. Α 11 Let's see, where's the other one? Over on Q 12 the right column, budget description, replacement of 13 distribution system; same question. 14 А Yes. 15 0 Okay. If you turn over to the next one 16 that says 901149. I think Mr. Poston asked you 17 specifically if you contacted the City of St. Peters to determine if they had required Laclede to 18 relocate a main there referred to on that work 19 20 order. And you said no, I believe, was your answer. Is that correct? 21 22 Α To my memory, yes, that was correct. 23 To your understanding, is it typical to Q 24 ask a city in the course of an ISRS audit or any 25 other type audit, for that matter, for specific

		Page 119
1	information regarding a company that you're	
2	auditing? I mean, is that part of the normal audit	
3	scope; to go to a non-party government entity and	
4	ask them specific questions relating to the company	
5	that you're auditing?	
6	A To my knowledge that is not typical	
7	procedure.	
8	MR. KEEVIL: Okay. Thank you. No further	
9	questions.	
10	JUDGE BURTON: Thank you. You're excused,	
11	Mr. Wells. Staff may call its next witness.	
12	MR. KEEVIL: Staff's next witness would be	
13	Jennifer Grisham.	
14	(Witness sworn.)	
15	DIRECT EXAMINATION	
16	BY MR. KEEVIL:	
17	Q Ms. Grisham, would you please state your	
18	name for the record, please?	
19	A Jennifer K. Grisham, G-R-I-S-H-A-M.	
20	Q And have you prepared direct testimony of	
21	Jennifer K. Grisham in Case No. GO-2016-0197?	
22	A Yes.	
23	Q And do you have any corrections or changes	
24	to make to that testimony?	
25	A No, I do not.	

	Pa	ge 120
1	Q Are the matters stated in that testimony	
2	true and correct to the best of your information,	
3	knowledge, and belief?	
4	A Yes.	
5	Q If I were to ask you the questions	
6	contained in that testimony, would your answers be	
7	the same here today?	
8	A Yes.	
9	MR. KEEVIL: And just for clarification,	
10	Your Honor, I believe Ms. Grisham's testimony has	
11	been premarked as Exhibit 7?	
12	JUDGE BURTON: That's correct.	
13	MR. KEEVIL: With that, Judge, I would	
14	offer Exhibit No. 7 into the record.	
15	JUDGE BURTON: Exhibit 7 has been offered.	
16	Are there any objections? Hearing none, Exhibit	
17	7 is admitted into the record.	
18	MR. KEEVIL: Thank you, Your Honor. And I	
19	will tender the witness for cross.	
20	JUDGE BURTON: Okay. I believe this is	
21	your witness.	
22	MR. ZUCKER: Thank you, Your Honor.	
23	CROSS-EXAMINATION	
24	BY MR. ZUCKER:	
25	Q Good afternoon, Ms. Grisham.	

		Page
1	A Good afternoon.	
2	Q My name's Rick Zucker. I'm an attorney	
3	for Laclede and MGE.	
4	A Hello.	
5	Q Nice to meet you.	
6	A Nice to meet you.	
7	Q You did the audit for the MGE side of the	
8	Laclede Gas Company house?	
9	A That is correct.	
10	Q Okay. And did you work with a Laclede	
11	representative in doing that audit?	
12	A Yes, I did.	
13	Q Do you remember who that was?	
14	A Mr. Noack.	
15	Q And in doing your audit, what methodology	
16	did you use in deciding which what papers to look	
17	at?	
18	A When I performed my audit, I did it was	
19	decided that I would mirror what Mr. Wells had done	
20	since both cases were filed at the same time, so I	
21	looked at the work order authorizations along with	
22	the work papers that had the additional information	
23	that came in with the updated information. And then	
24	requested invoices as pertaining to seven	
25	actually, I think it was six of the work orders but	

121

Page 122 seven items within those six work orders. 1 2 MR. ZUCKER: Okay. Thank you very much. 3 No further questions. JUDGE BURTON: Mr. Poston? 4 5 MR. POSTON: No questions. 6 JUDGE BURTON: All right. Thank you, 7 Ms. Grisham. No questions from here. 8 MR. KEEVIL: No redirect. 9 JUDGE BURTON: All right. Thank you very 10 much. MR. KEEVIL: When there's very little 11 12 cross, makes redirect much simpler. Should I call my next witness, Judge? 13 14 JUDGE BURTON: You should. 15 MR. KEEVIL: We would call Mark 16 Oligschlaeger. 17 (Witness Sworn.) DIRECT EXAMINATION 18 19 BY MR. KEEVIL: 20 Mr. Oligschlaeger, would you please state Q your name for the record? 21 22 Α Mark L. Oligschlaeger. 23 And how do you spell your last name, sir? Q 24 A O-L-I-G-S-C-H-L-A-E-G-E-R. 25 Thank you. And did you cause to be 0

Page 123 1 prepared in these -- both of these cases one piece of rebuttal testimony which was filed in both Case 2 3 GO-2016-0196 and GO-2016-0197? А I did. 4 5 And is it your -- well, let me just tell 0 you, that particular testimony has been premarked as 6 7 Exhibit 9. Do you have any corrections or additions 8 or changes that you need to make to that testimony? 9 Α I do not. 10 Q Are the matters stated therein true and 11 correct to the best of your information, knowledge, 12 and belief? 13 Α They are. 14 If I ask you the questions contained in 0 15 that testimony, would your answers be the same 16 today? 17 А They would. 18 MR. KEEVIL: Judge, with that, I would 19 offer Exhibit No. 9 into the record. 20 JUDGE BURTON: No. 9 has been offered. 21 Are there any objections? 22 MR. ZUCKER: No objections. 23 JUDGE BURTON: Hearing none, Exhibit 9 is admitted into the record. 24 MR. KEEVIL: Thank you. I'd tender the 25

Page 124 1 witness for cross, Judge. 2 JUDGE BURTON: Mr. Zucker? 3 MR. ZUCKER: Thank you, Your Honor. 4 CROSS-EXAMINATION 5 BY MR. ZUCKER: 6 Good afternoon, Mr. Oligschlaeger. Q 7 А Good afternoon. 8 Q When an ISRS audit is done, do you recommend that each project be looked -- that each 9 10 eligibility standard be looked at for each project? If I understand your question, the answer 11 А 12 would be that would not typically be my recommendation, given the limited time to perform 13 our audit. Therefore, we would most likely look at 14 those standards in relation to just a sample of 15 16 projects, typically the most expensive during the 17 period being looked at. 18 And is it common to do sampling when 0 you're doing auditing? 19 20 Α That's a staple of auditing, both in a very general sense as well as what we do in terms of 21 rate case audits and ISRS audits. 22 23 Did you supervise Mr. Hyneman when he Q worked for Staff? 24 During part of my tenure and part of his 25 Α

		Page 125
1	tenure, yes, I did.	
2	Q And did you supervise him in 2014 or 2015	
3	time frame when he was doing ISRS work on Laclede	
4	and MGE ISRSs?	
5	A I did.	
6	Q And were part of his duties to look at	
7	updated information on ISRSs?	
8	A The established Staff practice and policy	
9	at that time was to perform such updates when we had	
10	sufficient time and resources to accommodate them	
11	and to the extent that was the case in Mr. Hyneman's	
12	situation, the cases he was assigned, yes, he would	
13	be asked to do that.	
14	Q Okay. And to your knowledge, was he able	
15	to do it?	
16	A Yes, in at least two cases he was assigned	
17	to.	
18	Q Was he unable to do it in any cases?	
19	A I don't think there was a case where he	
20	was unable to do it for reasons of time or	
21	resources.	
22	Q During situations where Staff has decided	
23	to that it has sufficient time to do an update,	
24	have you had any issues with any of the auditors	
25	getting the update done?	

		Page 126
1	A Well, sometimes we get the information	
2	with more time to do our review than others. But in	
3	all cases that I'm aware of, we were ultimately able	
4	to do the true-up procedures.	
5	Q One moment, please. Is the update	
6	procedure in ISRS cases similar to that in rate	
7	cases?	
8	A And, yeah, perhaps I can explain that a	
9	little bit. The true-up procedure in rate cases	
10	refers to the provision of information to the Staff	
11	and other parties after the initial rate audit is	
12	complete. And that requires a whole new re-audit	
13	and in some cases new testimony filings and new sets	
14	of hearings. The what I have referred to as the	
15	true-up process in ISRS is more analogous to what we	
16	call the update process in rate cases by which	
17	during the course of our initial audit, updated and	
18	new information is provided to us, but we have the	
19	time and ability to consider that and incorporate	
20	that as appropriate in our rate case recommendations	
21	as part of our upfront direct filing.	
22	Q So, when a rate case is filed, are there	
23	pro forma data or numbers filed with that?	
24	A Well, I think sometimes companies use pro	
25	forma data as kind of placeholders with the	

	Page 127
1	expectation it will be replaced by actual data at a
2	later point in time.
3	Q That sounds exactly like the ISRS process
4	we're talking about.
5	A I would agree with that.
6	Q So should we be referring to the ISRS
7	process as an update process rather than a true-up?
8	A If you wish to, I guess, distinguish it
9	from what occurs in a rate case as part of what's
10	called the true-up process in that context, that
11	would probably be more accurate.
12	Q It would be more accurate to consider it
13	an update?
14	A It's certainly more analogous to a general
15	rate case update process as opposed to a true-up
16	process.
17	MR. ZUCKER: No further questions. Thank
18	you, Mr. Oligschlaeger.
19	JUDGE BURTON: Mr. Poston?
20	CROSS-EXAMINATION
21	BY MR. POSTON:
22	Q Good afternoon.
23	A Good afternoon.
24	Q I'd like to first follow up on some of the
25	questions you got from Mr. Zucker. When you say

Page 128 1 that you testified that -- I guess you used the term "limited time to do a review." You used that term, 2 3 do you recall that? 4 А I believe so. 5 And when you say "limited time," are you 0 referring to the 60 days provided in the statute or 6 7 the two-week audit that your auditors actually 8 performed? 9 Α Well, we have 60 days by statute to perform whatever audit and review we are able to. 10 The reality is, because of other rate casework 11 12 loads, sometimes we have to concentrate our efforts 13 in a smaller period of time than the full 60 days. 14 0 So I guess timing and resource issue then 15 dictates the quality of the audit? 16 Α Well, if you have a full 60 days, you 17 certainly have the ability to perform more audit steps and procedures than what you have with a 18 19 smaller time frame. So but even in the smaller time 20 frame you try to accomplish what you have to accomplish. 21 22 And you were asked questions about Q 23 Mr. Hyneman when he worked for Staff? 2.4 А That's correct. 25 Would you agree that Mr. Hyneman objected 0

Page 129 1 to the update process? 2 I don't want to quibble. He certainly А 3 disagreed with our practice of doing true-up or update procedures in ISRS audits. 4 5 0 And was he removed from an ISRS petition because he refused to do the update? 6 7 A No. 8 Q Would you be surprised if Mr. Hyneman believes differently? 9 10 А I could see where Mr. Hyneman would believe that, yes. 11 12 And how many Auditor 5s of Staff have 0 13 disagreed with the update procedure? To my knowledge, besides Mr. Hyneman, 14 А there was one other Auditor 5 who expressed what I 15 would call theoretical disagreement with doing the 16 17 true-up procedures. 18 Q Who was that? It's Mr. Kerry Featherstone. 19 А 20 You said that an ISRS, it's more similar Q to an update than a true-up, is that correct? 21 22 А As you compare it to general rate case 23 terminology, yes. 24 Q And would you also agree that the update is different than what's done in a PGA 25

		Page 130
1	reconciliation?	
2	A There's probably similarities and	
3	differences.	
4	Q What are the differences?	
5	A Well, with a PGA, as I understand the	
б	process, the rates go into effect based initially on	
7	estimated numbers but are later subject to true-up	
8	for to convert them to actual costs incurred by	
9	the company.	
10	Q I'd like to refer to your testimony on	
11	Page 6. This is just more of a correction. On the	
12	very top, you refer to getting plant additions no	
13	later than March 9th, 2015. You meant to say	
14	2016, is that correct?	
15	A That is certainly correct.	
16	Q Do you believe OPC should have the same	
17	opportunity to review ISRS work orders as Staff?	
18	A I certainly don't want to get into any	
19	legal questions that may involve the allowable scope	
20	your office has in these types of proceedings.	
21	Certainly my own opinion is you should have the	
22	ability to get involved as you see fit.	
23	Q How many years experience do you have	
24	doing audits?	
25	A I've been with The Commission for around	

	Page 131
1	34 and a half years and I would say all of it, to
2	some degree, was involved in either performing or
3	supervising audits.
4	Q Based on your experience, can you describe
5	the usual contents of a plant work order?
6	A It's been quite a while since I've
7	actually looked at an actual plant work order. My
8	recollection is that generally it is voluminous
9	documentation entailing how the various cost
10	components of a plant project were calculated and
11	put together.
12	Q So would it include the request for the
13	project and a description of why the project was
14	needed?
15	A I know the work order authorizations that
16	Mr. Wells, in particular, discussed does contain
17	that information. Whether that is actually part of
18	the work order, I'm not sure.
19	Q Would a work order include a list of all
20	types of charges, labor, materials, overhead, all of
21	those?
22	A I would expect it to.
23	Q Was that in the work order authorization
24	forms?
25	A I don't believe so.

	Page 132
1	Q Would it include the date the project was
2	recorded to plant in service work order?
3	A I would expect it to.
4	Q Was that the authorization forms?
5	A I don't believe so.
6	Q Would a work order include documentations
7	explaining reimbursements of the cost, if any?
8	A I would expect it to.
9	Q And was that the work order authorization
10	forms?
11	A I don't believe so.
12	Q Would a work order include dollar amounts
13	for of AFUDC capitalized to the project?
14	A I would expect it to.
15	Q And was that included in the work order
16	authorization forms?
17	A I don't believe so.
18	Q And what is AFUDC?
19	A Allowance for funds used during
20	construction.
21	Q Can you tell me if any of this information
22	that you just testified is in a work order was
23	reviewed by your Staff auditors in this case?
24	A I don't believe they specifically looked
25	at any work orders in these cases.

	Page 133
1	Q How many ISRS audits have you actually
2	reviewed or you actually performed?
3	A Performed? I file testimony in several
4	ISRS cases but I wasn't necessarily the primary
5	person to do the audit. I did perform some of the
6	audit steps in a prior Missouri American Water
7	Company ISRS case.
8	Q So you've never done a full ISRS audit
9	yourself?
10	A I'd say I did a majority of the audit
11	steps in that Missouri American case.
12	Q I'd like you to turn to Page 8 of your
13	testimony, if you could. And you see, like starting
14	on Line 7, you refer to Mr. Hyneman in discussing
15	the Staff, what the Staff conducts when it's, you
16	know, in terms of prudence reviews. Do you see
17	that?
18	A I do.
19	Q Is it your testimony that you do not
20	believe that even one single ISRS plant work order
21	that was included in an ISRS from 2004 to 2016 was
22	ever reviewed for prudence?
23	A I don't know whether one was or not.
24	Q Are you aware of any ever being reviewed
25	for prudence?

		Page 134
1	A I am not specifically aware of any. Of	
2	course, during a large period of time I was not in	
3	my present position or in a position to have	
4	knowledge of that.	
5	Q Do you think Staff should look at prudence	
6	on at least some of its ISRS work orders it reviews?	
7	A No, I believe they should look at prudence	
8	in work orders as necessary and as needed on a case	
9	by case basis for both non-ISRS and ISRS plant. I	
10	don't see any distinction between the two. I don't	
11	see any necessary what's the word I want to	
12	use special need to review prudence of ISRS plant	
13	work orders compared to non-ISRS plant work orders.	
14	Q Can you turn to Page 10? And referring to	
15	line 19. And you've included testimony from the	
16	last ISRS case, is that correct?	
17	A That is correct.	
18	Q And this is a Q and A between the judge	
19	and Ms. Carle?	
20	A Carle, actually.	
21	Q Is that correct?	
22	A That is correct.	
23	Q And she says, in her answer to the	
24	question there well, could you just read the Q	
25	and A for me, please?	

		Page 135
1	A Sure. The question: Would you agree with	
2	Mr. Buck's testimony saying that in performing a	
3	review Staff is just merely looking to see whether	
4	or not it's ISRS eligible and then reserves any	
5	costs in those amounts for any prudence review	
6	that's performed later. Answer: That is usually	
7	taken care of during a rate case.	
8	Q Could you tell me what is usually taken	
9	care of in a rate case?	
10	A To the extent a prudence review is	
11	appropriate of a particular ISRS cost, that prudence	
12	review would generally take place in a general rate	
13	case and not in the ISRS review itself.	
14	Q Has that ever taken place in a rate case?	
15	MR. KEEVIL: Objection. That's asked and	
16	answered.	
17	MR. POSTON: I'll withdraw it. You're	
18	right. It was.	
19	Q (By Mr. Poston) Do you believe that this	
20	testimony from Ms. Carle could lead The Commission	
21	to believe that Staff looked at at least one ISRS	
22	work order in a rate case in the past?	
23	A Well, I believe as is probably not	
24	uncommon in under cross-examination and in an	
25	evidentiary proceeding such as this, probably the	

		Page 136
1	wording here is ambiguous and could be interpreted	
2	in ways other than what I've interpreted it after	
3	discussions with Ms. Carle.	
4	Q Were you in the room when she made that	
5	statement?	
б	A I believe I was.	
7	Q Did you attempt to correct it?	
8	MR. KEEVIL: Objection. Again, how do you	
9	do that? If you're sitting in the gallery and if	
10	you hear someone something wrong, you jump up,	
11	rush	
12	JUDGE BURTON: I will take your comments	
13	under advisement but I'm going to overrule that	
14	objection. The witness can answer.	
15	A I don't specifically recall this question	
16	and answer. This was six months or so ago. I will	
17	say, to the best of my knowledge, I did not	
18	necessarily interpret it at the time in the way that	
19	Mr. Hyneman is.	
20	Q (By Mr. Poston) If you had interpreted it	
21	to as a statement that would lead The Commission	
22	to believe that the Staff routinely reviewed ISRSs	
23	in a rate case, do you think that's something that	
24	should have been corrected?	
25	A Well, under the hypothetical, if it had	

		Page 137
1	been stated, we always look at ISRS work orders for	
2	prudence in rate cases, yes, I would have	
3	discussed I assume I would have discussed that	
4	with the attorney for possible treatment and	
5	redirect.	
6	Q Going back to the question I asked you	
7	about Mr. Hyneman's work on a case. I'm trying to	
8	recall how you testified when I'd asked you a	
9	question about him opposing the Staff's policy. Did	
10	you remove him from a case because he did not	
11	support the Staff policy?	
12	A There was an ISRS case in which fairly	
13	late in the process Mr. Hyneman was removed from the	
14	case and I replaced him for the remainder of the	
15	case. I would not describe the reason for that as	
16	solely being that Mr. Hyneman disagreed with the	
17	true-up procedure and, in fact, some of the	
18	rationale for that action had to do with discussions	
19	with Staff counsel and I suspect I can't get into it	
20	more than that.	
21	Q Would you agree that Mr. Hyneman didn't	
22	refuse to do that ISRS petition, refuse to do the	
23	audit?	
24	A I would agree with that.	
25	MR. POSTON: That's all I have.	

		Page 138
1	JUDGE BURTON: Mr. Oligschlaeger, I just	
2	have a few questions. Could you just, for the	
3	record, describe what you consider to be within	
4	the scope of review by Staff for an ISRS	
5	application audit?	
6	THE WITNESS: The two things that are laid	
7	out in the statute in the rule are that we have	
8	to do a determination of eligibility to make sure	
9	that the costs being claimed by the company in	
10	fact are eligible for recovery under the	
11	guidelines set out in the rule, in the statute.	
12	That's Item 1. Item 2 is we are also called on	
13	to I think someone referred to as checking the	
14	math. I would say beyond checking the math,	
15	making sure that all of the inputs are correctly	
16	made by the company in their calculations, things	
17	like the rate of return, property tax rate,	
18	depreciation rates, and so on.	
19	JUDGE BURTON: Okay. For the record, can	
20	you also explain the difference between a Staff's	
21	ISRS audit and prudence review in a general rate	
22	case?	
23	THE WITNESS: A prudence review in a	
24	general rate case would look at the time honored	
25	distinction being that you can have decisional	

			Page 139
	1	prudence and cost prudence. Decisional prudence	
	2	is in making that decision did the company do the	
	3	right thing, was there another course of action	
	4	they could have taken that might be lower cost or	
	5	might be result in better service to customers	
	б	and so on. Cost prudence is simply once you	
	7	assume or verify that a particular project, that	
	8	the prudence the decision to undertake the	
	9	project was prudent. Then you look at the costs	
	10	to see that the company managed the project so	
	11	that it was done at a reasonable least cost	
	12	basis.	
	13	JUDGE BURTON: Do you think it's necessary	
	14	for Staff's auditors to review the work orders	
	15	from the company as part of its ISRS audit, as	
	16	part of just to be clarifying here, to	
	17	determine whether or not it's part of the	
	18	eligible standards under the statute?	
	19	THE WITNESS: My view is that it is nice	
	20	to the extent there is time and resources	
	21	available to at least do a limited sample of	
	22	actual work orders. That is not always possible,	
	23	given the time and resource limitations, and I	
	24	don't think that kind of review to that depth is	
	25	required as part of our ISRS review.	
I			

		Page 140
1	JUDGE BURTON: Now, there's been	
2	discussion of a sample being provided of some of	
3	the work papers to Staff's auditors. Is that	
4	determined by the company or does Staff state	
5	specifically we would like to have the work	
6	papers or additional information or work orders,	
7	for instance, on certain projects?	
8	THE WITNESS: Ultimately it's I'm	
9	sorry, ultimately it's up to the Staff in terms	
10	of what sample it would like to review and	
11	criteria for that. We have worked with Laclede	
12	and MGE long enough that they that they know	
13	or anticipate our expectations. And in this case	
14	they provided a sampling of work order	
15	authorizations. I think it was discussed for all	
16	projects \$50,000 or more. And that constituted	
17	considerably more than 50 percent of the total	
18	dollars being claimed here. And that was	
19	sufficient for our purposes in this case and	
20	consistent with what we have asked for and	
21	received in the past.	
22	JUDGE BURTON: And that was over	
23	50 percent for both Laclede and MGE?	
24	THE WITNESS: That is correct. I think	
25	it's around 75 percent for both companies.	

		Page 141
1	JUDGE BURTON: Would it be possible for	
2	Staff to review, let's say, the work orders or	
3	work projects just from beginning of	
4	September 2015 through December 2015, to review	
5	all of those work papers as part of an ISRS audit	
6	in the 60-day timeline?	
7	THE WITNESS: Again, it somewhat depends	
8	on the amount of time you have and, you know,	
9	whether you have the auditors working on other	
10	projects and so on. It is conceivable that that	
11	could be done as a standard audit practice. I	
12	probably wouldn't recommend it, simply because	
13	some of these projects are very small dollar.	
14	And from a bang for the buck perspective, we	
15	would prefer to look at the big dollar items, and	
16	doing that, it would give us more of a comfort	
17	that the entire the 100 percent is reasonably	
18	stated and eligible.	
19	JUDGE BURTON: That wouldn't be straying	
20	from accepted auditing practices, procedures?	
21	THE WITNESS: That would not be straying?	
22	I would view it as not straying from standard	
23	audit practices at all.	
24	JUDGE BURTON: How often would you say	
25	that Staff reviews an ISRS application and the	

Page 142 1 amount of -- that's proposed by the company, 2 let's say Laclede, and suggested a different 3 amount? 4 THE WITNESS: I'd say -- you know, I'm 5 going off the top of my head. I think probably 6 at least in 50 percent of the cases we come up 7 with a different valuation in the company and 8 that can be for many reasons. Sometimes we see 9 problems in how they're reflecting the deferred 10 taxes. They -- I know there was at least one case where a company didn't claim bonus 11 12 depreciation as part of their ISRS application when they could have. And occasionally we do 13 14 find instances where for a particular work order authorization we find evidence that the actual 15 16 project was not -- should not have been included 17 in the ISRS claim. In other words, it was not 18 eligible. 19 JUDGE BURTON: Okay. Thank you. I have 20 no further questions. I would also advise 21 counsel that when you're discussing potential 22 questions with your witnesses, that your 23 microphones are still on. MR. ZUCKER: Finally, it worked for me 24 that my microphone's on. 25

Page 143 1 JUDGE BURTON: Any recross? 2 RECROSS-EXAMINATION 3 BY MR. ZUCKER: 4 0 Mr. Oligschlaeger, you were asked a 5 questions about whether it was appropriate to look at work orders in an ISRS case. Do you recall 6 7 those? 8 А I do. 9 And would you be surprised to know that Q 10 both Mr. Wells and Ms. Grisham looked at work order 11 information in their ISRS audits in these cases? 12 А Well, I'm not sure if you're drawing a distinction between work order information and work 13 orders, the actual documents. I was not aware they 14 looked at the actual documents. I wouldn't be 15 16 surprised that they would look at work order 17 information. MR. ZUCKER: Okay. So, permission to 18 19 approach? 20 JUDGE BURTON: Permission granted. (By Mr. Zucker) I'm showing you 21 Q information sent from Mr. Buck to Mr. Wells. Have 22 23 you seen information like this? I try to make it a point not to ever 24 А review information like this. It's much too 25

Page 144 1 detailed. Well, if you think that's detailed, here 2 0 3 are the details behind it. 4 А And I assume your point being that this 5 information on this spreadsheet came directly from Laclede or an MGE work order? 6 7 Correct. So if we were to assume -- and I 0 8 believe there's seven of them here. Would you consider this to be a work order? 9 10 I guess I'm old fashioned enough to think А 11 of the work order as a stack of, you know, sheets 12 this thick. This may well convey very similar 13 information as to what you would put on a work order. 14 MR. ZUCKER: All right. Thank you. 15 16 Permission to approach one more time? 17 JUDGE BURTON: Permission granted. (By Mr. Zucker) Again, in terms of 18 Q 19 information provided to your auditors, this is an 20 MGE attachment to its filings. And I reference you to the work order descriptions there that are very 21 22 difficult to read. Do you recognize that document? 23 A I don't recognize it as such. Having said that, I do -- this is the type of information I 24 would expect to see on an actual work order. 25

		Page 145
1	Q Okay. You were asked some questions about	
2	the scope of review by the Staff. Is it your	
3	experience that auditors need to see everything from	
4	the pipe in the ground to the exchange of the	
5	dollars?	
6	A I think it would be highly unusual for us	
7	to actually go out into the field and verify ISRS	
8	additions as an example. That may well have	
9	happened in isolated cases. That is certainly not a	
10	standard ISRS review practice.	
11	Q And you said that you were familiar with	
12	Laclede and MGE or the Staff was in terms of	
13	taking business records that the companies offer.	
14	Is that something that that Staff does in the	
15	ordinary course of its business?	
16	A You mean, reviewing documents supplied to	
17	them by the company?	
18	Q Yes.	
19	MR. POSTON: I'm going to object. I don't	
20	see how this has come off of any question that	
21	you asked.	
22	JUDGE BURTON: I believe it goes to my	
23	question about the sample and who provides the	
24	sample, so I'm going to overrule the objection.	
25	A The answer to your question is yes, we do	

Page 146 that all the time in ISRS and other types of audits. 1 2 MR. ZUCKER: No further questions. JUDGE BURTON: Thank you. Mr. Poston? 3 4 MR. POSTON: No questions. 5 JUDGE BURTON: Okay. It's currently 2:06. 6 Why don't we take a brief recess and go back on 7 the record at 2:15. 8 (Break taken.) 9 JUDGE BURTON: And we are back on the 10 record. Mr. Keevil, we will conclude with your redirect. 11 12 MR. KEEVIL: Thank you, Judge. I don't 13 have much but just a little bit here. REDIRECT EXAMINATION 14 BY MR. KEEVIL: 15 16 Mr. Oligschlaeger, I've handed you what 0 17 has been marked Exhibit 12 from public counsel. 18 During Mr. Poston's questions earlier, he asked you 19 if there was anything on those work order 20 authorizations that would indicate whether or not a project was reimbursable. And I believe you 21 22 indicated no, but how -- do you have Page 6, Exhibit 12, in front of you there, sir? 23 24 A I do. 25 And is that -- is that one of the work 0

		Page 147
1	order authorizations?	
2	A It is.	
3	Q And under the work order description, does	
4	it indicate whether it's reimbursable or not?	
5	A Yes. Under work order description, part	
6	of the verbiage is, quote, project is not	
7	reimbursable but is ISRS recoverable, closed quote.	
8	Q Thank you. Let me work backwards here.	
9	During his questions, Mr. Poston also asked you	
10	something about the bottom not the bottom Page	
11	10 of your testimony where you quote a exchange from	
12	the last MGE and Laclede ISRS cases between Judge	
13	Burton and Ms. Carle, and I believe you indicated	
14	that you did not interpret Ms. Carle's response the	
15	same way that Mr. Hyneman apparently does. How, in	
16	fact, do you interpret that response there, sir?	
17	A My interpretation of Ms. Carle's response	
18	is that, again, she was agreeing with the premise of	
19	the question posed to her that Staff looks at	
20	eligibility criteria in the ISRS audit; that any	
21	prudence questions will typically be reserved for a	
22	later time and that later time is usually in the	
23	context of a general rate case.	
24	Q Regarding prudence reviews, then, if you	
25	could turn back to Page 8 of your rebuttal	

		Page 148
1	testimony, Mr. Poston asked you some questions about	
2	the prudence reviews of ISRS work orders, I believe,	
3	to use his wording. And let me ask you: What is	
4	your position here on Page 8 and then the remainder	
5	of your testimony regarding prudence review of ISRS	
6	work orders?	
7	A Well, if there is some underlying reason,	
8	I might call a red flag, which would indicate that a	
9	particular ISRS work order should be reviewed for	
10	prudence at some point, then we would do that. The	
11	typical red flags we use are things like very high	
12	cost projects and, as I mentioned in my testimony,	
13	most of those not all of them had been in the	
14	recent past major electric generating additions.	
15	Most ISRS projects aren't nearly of the same cost	
16	magnitude. Nor are they inherently necessarily the	
17	kind of controversial kind of costs that you may see	
18	in other contexts. Therefore, to me, at least, it	
19	isn't surprising that prudence reviews of ISRS plant	
20	in the same way that prudence reviews of non-ISRS	
21	plant would be fairly rare.	
22	Q And any review of the ISRS plant, if there	
23	was a red flag, that would take place in a general	
24	rate case as stated by Ms. Carle in the last Laclede	
25	ISRS case, correct?	

		Page 149
1	A Yes. You really don't have the time or	
2	resources to do that sort of thing in an ISRS audit.	
3	Plus, I think, as I mentioned in my testimony, there	
4	are questions as to whether that would even be	
5	legally allowed.	
б	Q I agree. Regarding the prudence review of	
7	the ISRS plant, is it correct to say that the ISRS	
8	plant	
9	MR. POSTON: Objection. Leading.	
10	Q (By Mr. Keevil) Okay. I'll rephrase it.	
11	Is the ISRS plant reviewed for prudence on the same	
12	basis as a non-ISRS plant in a rate case?	
13	A We wouldn't we have no special scope	
14	for prudence review of ISRS plant. It's not like we	
15	have someone assigned in every case to do that kind	
16	of review. Because the need for such review	
17	wouldn't come up in every case or even most cases.	
18	Q So, is it treated differently than the	
19	non-ISRS plant?	
20	A In terms of?	
21	Q Prudence review.	
22	A No.	
23	Q Now, there was some discussion with	
24	Mr. Poston about whether Mr. Hyneman was removed	
25	from a previous ISRS audit or whether he refused to	

		Page 150
1	perform a previous ISRS audit. Something to that	
2	effect. Could you explain what happened in that	
3	situation to the best of your recollection?	
4	A Well, at some point Mr. Hyneman became, at	
5	a minimum, uncomfortable and perhaps unwilling to	
6	sponsor the Staff's traditional position on ISRS	
7	true-up or update procedures. And I might add that,	
8	as a general rule, Staff witnesses are not forced to	
9	testify to positions which they may not personally	
10	agree. And this particular, at least in one case, I	
11	took over that responsibility for that particular	
12	issue in terms of sponsoring the true-up. And in	
13	another case we believed the best course of action	
14	was to remove Mr. Hyneman from the case in total.	
15	Q Thank you. Before that happened, however,	
16	had Mr. Hyneman filed Staff recommendations on ISRS	
17	cases which included plant true-ups, ISRS plant	
18	true-ups?	
19	A He had in at least two cases.	
20	MR. KEEVIL: Thank you. That's all I	
21	have, Judge.	
22	JUDGE BURTON: Thank you. You're excused.	
23	I believe that concludes the witnesses from	
24	Staff. Next? Mr. Poston?	
25	MR. POSTON: OPC calls Charles Hyneman.	

Page 151 1 (Witness sworn.) 2 DIRECT EXAMINATION 3 BY MR. POSTON: 4 0 Please state your name for the record. 5 А Charles R. Hyneman. 6 What is your job title and by who are you Q 7 employed with? 8 А Yes. I am the chief public utility accountant for the Office of Public Counsel. 9 10 Are you the same Charles Hyneman that Q 11 caused to be prepared and filed direct and rebuttal 12 testimony in this case that's been marked as 13 Exhibits 10 and 11? 14 А Yes, I am. 15 Do you have any changes to your testimony? 0 16 А No, I do not. 17 Do you have any changes to your rebuttal Q testimony? 18 19 А I do not. 20 Let me refer you to one. I believe you're Q going to make a change to the first page of your 21 22 rebuttal testimony, Line 9/10. 23 Α Oh, I'm sorry, yes. I'd like to amend 24 that to respond to the direct testimonies of Laclede witnesses, Missouri Gas and Missouri Gas Energy 25

Page 152 witness Glenn Buck, and also to the Staff witnesses' 1 2 direct testimony in this case. 3 JUDGE BURTON: Could you please restate 4 what line you're referring to and what you are 5 amending it to? THE WITNESS: Yes. It should be the 6 7 purpose of this testimony is respond to the 8 direct testimony of Laclede Gas, Laclede, and 9 Missouri Gas Energy, MGE, witness Glenn Buck, and to Staff witnesses in this case. 10 11 JUDGE BURTON: Okay. 12 (By Mr. Poston) With that correction, do Q 13 you have any other changes? I do not. 14 А 15 And with that change, if I were to ask you 0 16 the same questions that appear in your direct and 17 rebuttal testimony, would your answers be the same? 18 Α They would. 19 And are those answers true to the best of Q 20 your belief? 21 Α They are. 22 MR. POSTON: I'm going to offer these 23 separately but I will offer Exhibit 10. 24 JUDGE BURTON: Exhibit 10 has been offered. Are there any objections? This is the 25

		Page 153
1	direct of Mr. Hyneman. Seeing none, Exhibit 10	
2	is admitted.	
3	MR. POSTON: I'm going to offer Exhibit 11	
4	but I understand there's been a suspended ruling	
5	on the objection that's already been there, but	
6	I'd just like to go ahead and offer it for the	
7	record.	
8	JUDGE BURTON: 11 is offered for the	
9	record and will be taken with the case and we	
10	will discuss at the conclusion of today's hearing	
11	the deadline for OPC to file a response and for a	
12	reply.	
13	MR. ZUCKER: Your Honor, could I add one	
14	objection to that? The change that was just made	
15	by Mr. Hyneman is not in the nature of a	
16	correction but in the nature of an amendment of	
17	the testimony and that his testimony was due last	
18	week, so it's unfair and it controverts the	
19	procedural schedule to allow an amendment at this	
20	point.	
21	MR. POSTON: Judge, I'll say it is a	
22	correction.	
23	JUDGE BURTON: Okay. It will be noted and	
24	taken for review.	
25	MR. POSTON: I tender Mr. Hyneman for	

Page 154 1 cross-examination. 2 JUDGE BURTON: Okay. Mr. Keevil? 3 MR. KEEVIL: Very briefly, Judge. 4 CROSS-EXAMINATION 5 BY MR. KEEVIL: 6 Mr. Hyneman, in your direct testimony, Q 7 Page 8, you take issue with the true-up or update 8 procedure, which is being applied to the ISRS plant 9 in this case. And you state there that on Line 5, a 10 true-up is a revenue requirement issue and rate 11 making issue designed to maintain the integrity of 12 the revenue requirement matching principle, is that 13 correct, sir? That is correct. 14 А 15 You agree, do you not, sir, that when you Q 16 were a member of Staff filing Staff recommendations 17 on ISRS cases that you supported a number of Staff recommendations where the depreciation reserve and 18 19 accumulated deferred income taxes was updated to a 20 point in time several months and several months past 21 the cutoff date proposed for the ISRS plant 22 additions? 23 А Past the cutoff date, I'm not --Well, like we're saying in this case, the 24 Q 25 January -- or the two months of updates and then the

	Page 155
1	accumulated deferred income tax and depreciation is
2	taken out even further than that?
3	A No, I wouldn't characterize that as a
4	true-up or update. What you did is you took the
5	plant service, depreciation reserve, and a deferred
6	tax reserve that the company filed in its ISRS
7	petition and you reflected those balances close as
8	possible to the date the ISRS would go in effect and
9	merely represents an accurate depiction of what the
10	ISRS revenue requirement is when it goes into effect
11	because otherwise if you include the depreciation
12	reserve and deferred tax reserve earlier than that,
13	then the company would actually double recover. So
14	as an attempt not to allow double recovery of the
15	costs of base rates and an ISRS. It's not a update
16	or true-up in any sense.
17	Q You're taking it it wasn't calculated
18	out that far in the previous ISRS cases, right?
19	A No, the previous
20	Q And you're taking it out beyond the end of
21	the ISRS plant addition date, correct?
22	A No, in
23	Q Yes or no? Are you taking it out beyond
24	the date at which the ISRS plant is being taken?
25	A It's a reflection of the deferred tax

		Page 156
1	reserve and a depreciation reserve based on the	
2	plant balances that were filed in the petition. So	
3	it's a reflection of those balances at the date the	
4	ISRS will go into effect, closest possible to the	
5	date that the ISRS will go into effect.	
6	Q And it also includes the in this	
7	cases where there are updated ISRS plant numbers, it	
8	also included the updated plant, does it not?	
9	A I don't know what you mean on that	
10	question.	
11	Q Okay. But, I guess, bottom line is you	
12	see no contradiction between maintaining the	
13	integrity of the revenue requirement matching	
14	principle between updating or not updating ISRS	
15	plant, which is your recommendation, and the process	
16	or the procedure of updating the accumulated	
17	deferred income tax and depreciation?	
18	A Well, there's many facets to that	
19	question, I'm going to have to ask you to repeat,	
20	but I want to clarify, there is no matching	
21	principal in an ISRS. The ISRS only considers	
22	costs, increase in utility rates. A matching	
23	principle assumes that you include revenues, rate	
24	base, and expenses. And you match those in a period	
25	of time. That's not allowed and it's not even	

Page 157 considered in an ISRS. 1 2 Where do you get that? 0 3 Well, I mean, the language in the statute Α says that it lists specific types of costs that can 4 5 be included in the ISRS. It doesn't put revenues or decreases in other costs. It says, No other rate 6 7 making or revenue requirement issue may be 8 considered. So it's -- matching is prohibited in 9 the ISRS statute. 10 In your legal opinion? Q 11 А Well, in my auditing opinion. I mean, I'm 12 very familiar with the matching principle, test 13 years, updates, true-ups. I'm not making an opinion on whether it's legal or not. 14 15 0 So you don't believe that statutory 16 interpretation involves legal opinions? 17 А I'm not giving a statutory interpretation. I'm saying how I interpret that as an auditor with 18 the language that deals with audits in rate cases in 19 20 the ISRS statute. Now, how you apply that is up to you. Not me. I'm just merely giving an 21 22 interpretation about a statute that's all about 23 audit, it's all about plant, it's all about 24 revenues. 25 0 Mr. Hyneman, there's no question. You've

Page 158 1 answered several times now. Thank you. 2 MR. KEEVIL: I have nothing further, 3 Judge. 4 JUDGE BURTON: Mr. Zucker? 5 MR. ZUCKER: Thank you, Your Honor. 6 CROSS-EXAMINATION 7 BY MR. ZUCKER: 8 Q Mr. Hyneman, on Page 7 of your direct testimony, Line 08 through 14, you were asked the 9 10 question: Is 60 days sufficient time to perform an 11 ISRS audit? And your answer is: It's not 12 sufficient if the petition is allowed to be updated 13 during the very limited ISRS audit period. Do you 14 see that? It's insufficient, yeah, with the updates. 15 Α And it is sufficient, I believe, if you have 16 17 experience auditors without an update, focus on the ISRS costs, do a review of the plant work-ups. 18 19 Q You've answered the question. Now let me 20 ask you another question. Isn't it true that you, in fact, did an ISRS audit in which an update was 21 22 done? 23 А I was involved in them and I was certainly 24 not satisfied that the audit work was complete, of high quality, and, in fact, I think one report I had 25

## EVIDENTIARY HEARING - Vol. I 4/26/2016

		Page 159
1	to make a statement in the audit report that not	
2	sufficient time or no resources were able to	
3	adequately review these work orders and they would	
4	be reviewed in a subsequent case. So no, I don't	
5	think I concluded that I had adequate time in any	
6	ISRS audit that included true-ups.	
7	Q Okay. On July 25th, 2014, Laclede Gas	
8	Company filed an ISRS case called GR-2015-0025.	
9	A I think that was filed as a GO case.	
10	Subsequently transferred to a GO case.	
11	Q Okay. I'm sorry, that was an MGE case.	
12	Let's just call it 2015-0025.	
13	A Okay.	
14	Q And on the same date, Laclede Gas filed an	
15	ISRS case numbered 2015-0026. Do you recall working	
16	on those cases?	
17	A I do.	
18	Q Okay. And were you an auditor on those	
19	cases?	
20	A Yes. Well, my recollection I either	
21	performed the audit or I supervised the audit.	
22	Q Okay. And was an update done, the two	
23	months plant update done in both of those cases?	
24	A I can't recall.	
25	Q Let me refresh your recollection.	

		Page 160
1	MR. ZUCKER: Permission to approach?	
2	JUDGE BURTON: Permission granted.	
3	Q (By Mr. Zucker) This is the Staff	
4	recommendation in 0025. You want to take a minute	
5	to read through it? If I may refer you to the	
6	bottom of Page 3 of the recommendation.	
7	A I'm trying to scan through may I write	
8	on this for this copy?	
9	Q I would say okay.	
10	A Yeah, I do recall having this case and I	
11	recall having discussions with Mr. Noack of MGE and	
12	Mr. Buck and making a trip to Laclede and visiting	
13	Laclede and this was during the time of the	
14	integration with MGE and Laclede. I know there's a	
15	lot of problems integrating.	
16	Q My question is: Was the two-month	
17	estimate, the additional plant update, done in that	
18	case?	
19	A Yeah, I think I noted that it was	
20	Q That's a yes or no question.	
21	A Well, I'm trying to review. Yes. And I	
22	noted it on Page 3 of 4 at the bottom that this	
23	practice was consistent with how the Staff treated	
24	Laclede's prior ISRS, which it wasn't how Staff	
25	treated MGE's prior ISRS. But I understand that the	

Page 161 Jeff City auditing staff did allow --1 2 0 Okay. Let me ask you something: Is your 3 affidavit attached to that Staff recommendation? 4 А Yeah, and it asserts that I participated 5 in the audit and recommendations were developed by me and I have knowledge set forth in the 6 7 recommendation and it's true and correct. Certainly 8 nowhere in the recommendation did I say there was sufficient time to complete an adequate audit of 9 10 this ISRS case. 11 Okay. Well, this -- this affidavit was Q 12 signed on your oath, is that correct? Absolutely it was, yeah. 13 Α 14 And you swore that you have participated 0 15 in the preparation of the Staff recommendation, 16 correct? 17 А I did. 18 That the information in the recommendation Q was developed by you? 19 20 Α It was. 21 0 That you have knowledge of the matters set 22 forth in the recommendation? 23 А That's correct. 24 Q And that such matters are true and correct 25 to the best of your knowledge and belief?

	Page 162
1	A That's absolutely correct. And if you can
2	see through this memo
3	Q Okay. That's all. You've answered my
4	questions. Do we need to go through the same thing
5	on GR-2015-0026 or do you recall that one?
6	A I do recall and that is the case where I
7	specifically had discussions with Mr. Noack about
8	the problems with the update, asking him why MGE had
9	never in the past done an update and all of a sudden
10	now that we're joined with Laclede, they decided to
11	do true-ups.
12	Q Well, 0026 is the Laclede Gas case.
13	A I was speaking to the MGE case.
14	Q So now I'm asking about the Laclede Gas
15	case.
16	A And I can't recall if I had concerns
17	expressed to Mr. Buck when I traveled to St. Louis
18	at Laclede headquarters. I assume we probably had
19	discussions to that effect. I know I proposed
20	Q So was a two-month update of plant done in
21	that case?
22	A When you say done, I mean, what do you
23	mean by done?
24	Q Well, was it was the information
25	submitted to the Staff and to OPC and did Staff

		Page 163
1	recommend that the update occur?	
2	A Insufficient information was provided.	
3	Even though I did get more information from Laclede	
4	in that case through additional requests, I got some	
5	information about the costs that are included in the	
6	work orders.	
7	Q Did Staff recommend the update? Did Staff	
8	recommend the two-month plant update in that case?	
9	A Stuff doesn't recommend it, no, Staff	
10	doesn't recommend updates.	
11	Q Was the update included in the Staff	
12	recommendation?	
13	A Yeah.	
14	Q In that case?	
15	A Yes.	
16	Q That's a yes?	
17	A That's a yes.	
18	Q Okay. And were you involved as an auditor	
19	in that case?	
20	A I was.	
21	Q Okay. And both of those cases were taking	
22	place at the same time, correct?	
23	A Yes.	
24	Q You pointed excuse me, on Page 5, Line	
25	14 of your direct, that the ISRS statute for	

Page 164 1 qualification of the ISRS statute, the plant must be in service and used and useful, do you see that? 2 3 Α I do. 4 0 And would you agree with me that on 5 February 1, 2016, when Laclede and MGE filed their ISRS petitions, the plant for the month of January 6 7 was in service and used and useful? 8 Α I have no idea if it was. Okay. Would you agree with me that four 9 0 weeks later the plant for February was in service 10 11 and used and useful? 12 А No, and I certainly don't see how Staff could determine it either because the information 13 provided by Staff, those face sheets or work order 14 summary sheets, don't have in service dates. So I 15 don't think Staff -- and I think Mr. Oligschlaeger 16 17 indicated, there's no way to determine any of that plant when it was in service. 18 19 And those in service dates would be on Q 20 work orders, right? Absolutely. Source documents, yeah. 21 Α 22 And so did you ask for those source Q 23 documents so you could verify what date the plant 24 went into effect? I did in that case you referenced earlier 25 Α

Page 165 when I was a member of Staff. 1 I'm asking about now in 2016-0196 and 2 0 3 2016-0197, the current cases. 4 А No, I didn't actually perform an ISRS 5 audit in those cases. 6 And you stated in discovery that you don't Q 7 have any reason to believe that the numbers are 8 incorrect that Staff is recommending? 9 А I said what? I'm not sure what you mean 10 by that. 11 You were asked a series of questions about Q 12 the amounts in Laclede's and MGE's ISRS and whether they added up the numbers that are currently in the 13 14 recommendation. MR. POSTON: Judge, can I have him refer 15 16 to somewhere in the testimony he's referring to? 17 JUDGE BURTON: I believe this is -- this 18 from a data request. 19 MR. ZUCKER: This is from a data request. 20 MR. POSTON: Okay. Sorry. (By Mr. Zucker) And your answer was: 21 Q I 22 have not performed those calculations but I have no reason to dispute the numbers provided. Do you 23 24 recall that? 25 А Yes. I think a series of data requests

Page 166 that we received a couple days ago and I believe we 1 2 responded to last evening. 3 MR. POSTON: It would be helpful if he 4 could see the data requests. 5 JUDGE BURTON: Would that be possible? 6 (By Mr. Zucker) Would you like to see it? Q 7 Absolutely. Α 8 JUDGE BURTON: And for clarification for 9 counsel, could you identify the number for the 10 data request as well? MR. ZUCKER: Yes, this is Data Request No. 11 12 5. Okay. Yeah. And it references to --13 Α you're asking -- you wanted me to add up total 14 additions? There's a February update sent out 15 March 9th, is that correct? 16 17 (By Mr. Zucker) Well, let me ask you the 0 questions. You see the amounts and the numbers 18 19 there in terms of work orders? 20 А Right. 21 Q Okay. So, new to January and February, do 22 you see 23 work orders totaling 11,924,000? 23 Α Where's that number? I don't see that 24 number. Okay. Number -- that's number of work -- I 25 didn't -- you mean face sheets? Is that what you're

talking about on there? 1 2 No, this is Laclede Gas additions for 0 3 January or February. Right. Work orders. I don't believe 4 Α 5 Staff or I saw any work orders. So I can't -- I can't verify that. But if you want me to add up 6 7 those numbers, I have no problem that those are 8 correct. I'm not going to take time and go through 9 and add up numbers but I have no issue if you say 10 that's what they are. 11 And do you agree, for example, with F, Q 12 that says, Of these specific work orders, over 13 \$10,000, there are approximately 23 of them totaling about 11.1 million? 14 Yeah, I mean, this data request would 15 А 16 require me to go through your application and do all 17 kind of calculations and that's not relevant. So if you want to say it is, I'm fine with that. I don't 18 19 disagree with that, but I didn't do any independent calculations of that. 20 Okay. Well, then let me ask you 21 0 22 something. We sent this document to you on 23 March 9th, 2016. Do you recognize it? 24 А No. 25 Okay. This is the MGE updated 0

Page 167

		Page 168
1	information.	C
2	A Okay.	
3	Q So by not recognizing it, are you saying	
4	you didn't look at it?	
5	A I'm saying I looked at what I recall	
6	seeing in an e-mail was those work order face	
7	sheets, a bunch of those for the January and	
8	February updates. If that was included in that, in	
9	the I'm sorry, in that e-mail with all those	
10	documents, then if it was included, I didn't see it,	
11	but I don't specifically recall seeing that specific	
12	document. I do recall getting a bunch of those work	
13	order face sheets.	
14	Q Okay. But you don't recall getting this?	
15	A No.	
16	Q You know you didn't get it?	
17	A No, I don't know that I didn't get it.	
18	Q In other words, did you look at all the	
19	documents that were sent to you on March 9th?	
20	A I don't know if I looked at all of them.	
21	I looked at several of them.	
22	Q So this comes from MGE and I'm going to	
23	need my glasses. Did you look at MGE's original	
24	attachments to their applications or their	
25	application?	

		Page 169
1	A No, I mean, this type of information, this	
2	Excel spreadsheet is the type of information that	
3	MGE filed in the past. Has nothing to do with	
4	the the work orders. When we actually did audits	
5	of MGE's ISRS, we would go to MGE and look at each	
6	individual work order which included all the	
7	documentation of the type that Mr. Oligschlaeger	
8	would say would be in a work order. We actually	
9	reviewed those original documents. None of that is	
10	in this at all. So I wouldn't believe	
11	Q So if you look at this description, would	
12	you say you may need some glasses for that? Or you	
13	have them. Would you say that that is work order	
14	information?	
15	A This column here is, yes. But I see	
16	nothing about in service dates, anything to deal	
17	with costs that's in a work order. Anything, for	
18	example, AFUDC, how much labor cost was charged, you	
19	know, what capital expense ratio was used, whether	
20	the charges to the work orders included stock	
21	compensation or all those types of costs that would	
22	normally should not be in a work order, was not	
23	provided.	
24	Q That normally should not be in a work	
25	order?	

Page 170 Well, for example --1 А 2 0 So you seem to know a lot about this 3 document. MR. POSTON: Judge, he asked him a 4 5 question and he's not letting him answer. 6 JUDGE BURTON: I believe -- let's go ahead 7 and back up. I believe that he did answer. 8 Α Yeah, this is the type of document, if not 9 exactly, that MGE would provide in the past in addition to the actual work orders. 10 11 (By Mr. Zucker) Okay. So what does that Q 12 column say right there? 13 А Depreciation expense. This column? 14 0 15 А Month. 16 0 Month. And what are the months below 17 that? Give me a "for example." Well, December of 2015, September 2015. 18 Α 19 Q Okay. So those do have the dates on them, 20 correct? Α Well, I mean, it's not source documents. 21 22 You could put any date in an Excel spreadsheet. 23 Q I see. You don't believe that -- that 24 information that the company gives you is -- is 25 accurate?

	P	age 171
1	A I don't assume it is accurate. No.	
2	Q Okay.	
3	A In fact, an auditor should not assume it's	
4	accurate.	
5	Q Well, let me ask you this: On Page 7 of	
б	your direct testimony, Line 19, you say a thorough	
7	review of an ISRS petition involves multiple	
8	determinations to ensure each project meets each	
9	eligibility standard. Do you see that?	
10	A Yes.	
11	Q And do you agree with that; that to review	
12	an ISRS you need to look at each project?	
13	A Again, you have 60 days. It makes it a	
14	lot more difficult when your ISRS filing is a moving	
15	target and you file halfway through the audit period	
16	with updates. It make it very difficult to do to	
17	complete an adequate audit. And that's my whole	
18	point. I don't believe Staff does an adequate audit	
19	of ISRS. I don't believe it's even close to doing	
20	an adequate audit.	
21	Q So when you signed off on those, swore on	
22	your oath, was that false, then?	
23	A There's nothing under oath that said it	
24	was a quality audit. I did the best I could with	
25	the time I was allowed but I in no way felt it was	

		Page 172
1	sufficient review. And I didn't attest to that	
2	either. Because I would not have.	
3	Q Who developed the idea of bringing	
4	depreciation expense and deferred taxes forward to	
5	the as close as possible to the operation of law	
6	date?	
7	A My recollection is that I proposed that	
8	adjustment in an MGE ISRS case and MGE initially	
9	opposed it but then they dropped that charge. I	
10	think they opposed it because Staff	
11	Q Okay. So the answer is you did?	
12	A Yes.	
13	Q Correct. Okay. And so, tell me where in	
14	the ISRS statute and I want you to tell me in	
15	your role of auditor, where in the ISRS statute it	
16	says to bring forward depreciation expense and	
17	accumulated deferred taxes to the operation of law	
18	date.	
19	A You want me to find those exact words in	
20	the ISRS statute?	
21	Q Well, can you find those words?	
22	A I cannot find those exact words.	
23	Q But you believe it was appropriate to do	
24	so?	
25	A Yes.	

		Page 173
1	MR. ZUCKER: Permission to approach again,	
2	Your Honor?	
3	JUDGE BURTON: Permission granted.	
4	Q (By Mr. Zucker) This is the same document	
5	I showed you before. It is a document we sent you	
6	on March 9th. In terms of the month that this	
7	plant went into effect for MGE, can you tell me what	
8	month that purports to be?	
9	A February of 2016.	
10	Q February of 2016. And so if that's	
11	correct, would that plant be in service and used and	
12	useful today as we stand here today?	
13	A Yes.	
14	Q Okay. And do you believe that that plant	
15	actually went into service in February of 2016?	
16	A I have no idea. MGE MGE/Laclede	
17	provided no documentation to verify the in service	
18	dates of any of the plant.	
19	Q So this is not documentation that verifies	
20	it?	
21	A No.	
22	Q What kind of documentation are you looking	
23	for?	
24	A I'm looking for work order documentation	
25	that shows from your plant personnel when these	

## EVIDENTIARY HEARING - Vol. I 4/26/2016

	F	age 174
1	costs were cut over from construction work in	
2	progress into either 106, a temporary holding	
3	account, or Account 101, plant in service.	
4	Q And you did not ask for those work papers,	
5	did you?	
6	A I did not perform an audit in this case.	
7	In the last case, when I performed the audit for	
8	Laclede and MGE, I did and I was successful in	
9	getting some documentation showing costs from	
10	Mr. Buck from Laclede.	
11	Q Okay. Thank you. Are you aware that	
12	these same parties had this same dispute over	
13	updating last in an ISRS cases, in Laclede and	
14	MGE ISRS cases last fall?	
15	A Yes.	
16	Q And are you aware that that dispute was	
17	over plant put into service in July and August of	
18	2015?	
19	A I think that's correct. Yes.	
20	Q Okay. And are you aware that Laclede	
21	submitted that plant in service during that case	
22	during the July and August, 2015 plant in service	
23	and also included it in its petition in this case?	
24	A I'm sorry, could you repeat that question?	
25	Q Are you aware that Laclede not only	

Page 175 1 included the July and August 2015 plant in the last ISRS cases, but Laclede and MGE both included them 2 3 in this ISRS -- in these ISRS cases? 4 Α Hopefully in separate updates. I mean, if 5 it was in the last ISRS update, it would be still considered in the ISRS, but those dollars should not 6 7 be included in this update. 8 Q So that they don't get double counted? 9 А Correct. 10 Q Have you had a chance to look at those July and August, 2015 information? 11 12 А No. 13 Q And why haven't you done that? I didn't perform an ISRS audit, a cost 14 А audit, in this case. 15 16 0 Okay. Thank you. 17 MR. ZUCKER: One moment, please, Your 18 Honor. 19 JUDGE BURTON: You're fine. 20 MR. ZUCKER: Permission to approach one 21 more time, Your Honor. 22 JUDGE BURTON: Permission granted. 23 (By Mr. Zucker) I'm going to show you this Q 24 same document again that was sent to you on 25 March 9th. You have answered --

Page 176 MR. POSTON: Judge, I just want to object 1 2 just to -- he's testifying. He's asserting facts 3 that are not on record that this was sent to us on March 9th and he's been doing this 4 5 repeatedly and just wanted to put that objection out there. 6 7 (By Mr. Zucker) He's right. Let's -- do Q 8 you need to have your e-mail here to see whether or not you received that on March 9th? 9 I've seen documents --10 А MR. POSTON: We have committed to follow 11 12 up. JUDGE BURTON: Well, I have a question 13 about that because we have what's previously been 14 15 marked and offered as Exhibit 13, which is the 16 updates that were supposed to have been sent on 17 March 9th concerning Laclede. Is this the same 18 document that you're currently showing the witness or is this in relation to MGE or is it 19 20 the same thing? 21 MR. ZUCKER: This is the same document in 22 relation to MGE. 23 JUDGE BURTON: So it has not been marked as an exhibit? 24 MR. ZUCKER: Right. I would like to mark 25

		Page 177
1	it.	
2	JUDGE BURTON: Thank you. Let's mark that	
3	as Exhibit 14.	
4	MR. POSTON: Judge, no witness has	
5	authorized that document. I don't know what's	
6	the need to mark something that has not even been	
7	authenticated to be entered into the record.	
8	JUDGE BURTON: I'd like for the record, if	
9	the witness has been presented with material to	
10	be questioned on, to have clarification of what	
11	it is exactly.	
12	(Laclede Exhibit 14 marked.)	
13	Q (By Mr. Zucker) Okay. I'm handing you	
14	what's entitled ISRS work order additions, updated	
15	for January and February, 2016.	
16	A Okay.	
17	Q Is that what that purports to be?	
18	A Yes, it is.	
19	Q And does it show utility accounts by	
20	number and name?	
21	A Yes, it does.	
22	Q And does it show the MGE work order	
23	number?	
24	A Yes.	
25	Q And does it show a new work order number	

			Page 178
1	from a new s	ystem?	
2	A Ye	s.	
3	Q And	d does it show a work order description?	
4	A Br.	ief description. Yeah.	
5	Q Oka	ay. And a funding project number?	
6	A Ye	s.	
7	Q Oka	ay. And a funding project description?	
8	A Ye	s.	
9	Q AL	l right. And does it show category of	
10	the project?		
11	A Ye	s.	
12	Q And	d addition amount?	
13	A Ye	s.	
14	Q Oka	ay. And the depreciation rate?	
15	A Ye	s.	
16	Q And	d the accumulated depreciation?	
17	A Ye	s.	
18	Q And	d finally the depreciation expense?	
19	A Ye	s.	
20	Q And	d is it approximately 100 something	
21	pages?		
22	A I	would think it's approximately 100	
23	something pag	ges, yes.	
24	MR	. ZUCKER: Okay. Your Honor, we've now	
25	identifie	d what this document is.	

		Page 179
1	MR. POSTON: Judge, I disagree. All he's	
2	done is repeated what the heading of the	
3	categories are. He's not authenticated that this	
4	document is what it's purporting to be.	
5	MR. ZUCKER: I'm willing to let	
6	Mr. Hyneman look at his e-mail from March 9th,	
7	see that he received this documentation, and	
8	authenticate it from there.	
9	JUDGE BURTON: Are you using this for	
10	impeachment purposes?	
11	MR. ZUCKER: Yes.	
12	JUDGE BURTON: I'm going to have this	
13	noted as being offered and we'll have the same	
14	condition and I'll allow the parties to brief	
15	this as far as the admissions after.	
16	MR. ZUCKER: Okay. So I'll hand it to	
17	her.	
18	JUDGE BURTON: That is marked as Exhibit	
19	14.	
20	MR. ZUCKER: Thank you, Your Honor.	
21	Q (By Mr. Zucker) And you've already	
22	testified that you didn't look at that document and	
23	you did not ask for work orders from that document	
24	because you didn't do an audit, correct?	
25	A Well, I think I did ask for work orders.	

## EVIDENTIARY HEARING - Vol. I 4/26/2016

		Page 180
1	I can't recall the exact language of the data	
2	request. But if I asked I think I asked for work	
3	orders and I got face sheets. I don't think you	
4	provided work orders. And I think Staff witness	
5	indicated that you're not capable of providing work	
6	orders because it's too complex or something.	
7	Q But you've said you didn't do an audit?	
8	A Correct.	
9	Q After March 9th, did you make any	
10	requests for information on the January and February	
11	plant or anything else?	
12	A Well, I think we asked Staff to provide us	
13	with documentation that from Laclede to try to	
14	handle it that way and I think Staff objected to it.	
15	They said we have to get it from you. And do I	
16	recall issuing a data request for the January and	
17	February updates? No.	
18	MR. ZUCKER: No further questions. Thank	
19	you.	
20	JUDGE BURTON: Okay. Mr. Hyneman, I have	
21	a few questions. OPC normally doesn't perform an	
22	audit in an ISRS application, is that correct?	
23	THE WITNESS: Correct. I don't think that	
24	they ever have.	
25	JUDGE BURTON: Okay. And you've expressed	

		Page 181
1	some doubts or concerns that Laclede or MGE have	
2	verified the in service dates for some of these	
3	projects or all of the projects.	
4	THE WITNESS: Well, they didn't verify a	
5	lot of data. That's just one of them, right.	
6	JUDGE BURTON: So is OPC objecting to all	
7	of the work plants from September through	
8	February for both of them for failure to include	
9	that information?	
10	THE WITNESS: You'll have to speak to	
11	Mr. Poston on the legal objection. We are	
12	objecting for ISRS true-ups, that that plant	
13	that's not in a petition to be considered in that	
14	current ISRS. It should be in the next ISRS.	
15	JUDGE BURTON: So, yeah, but I heard you	
16	referring to some of the documentation that was	
17	being provided with the application, not being	
18	the work orders, I believe you called them the	
19	face sheets.	
20	THE WITNESS: Right. And that goes	
21	there's two main detriments we see.	
22	JUDGE BURTON: Let me just ask my	
23	question. Was there anything that was different	
24	between the projects that were completed between	
25	the beginning of December and the end of	

		Page 182
1	December 2015 and far as the in service dates,	
2	let's say, in that Excel spreadsheet that was	
3	provided with the application that makes it more	
4	verifiable to you than the information that was	
5	provided later for January and February?	
6	THE WITNESS: None of it's verifiable.	
7	JUDGE BURTON: Okay. Now, I know you're	
8	not a lawyer, so please let me know if you don't	
9	know the answer to this, but you've performed, I	
10	believe, a lot of audits and participated in a	
11	lot of audits when you were with Staff or when	
12	you're with OPC. What does a verified	
13	application mean?	
14	THE WITNESS: Well, the application or I	
15	think the ISRS statute refers it to a petition,	
16	has specific requirements that what is included	
17	in that. An eligible infrastructure system	
18	replacement is one that has to be in service and	
19	used and useful. If you include estimates, the	
20	petition does not do that. To me it's a clear	
21	violation of the requirement, the plain words in	
22	the statute. And then you get into other	
23	requirements in The Commission rule that says you	
24	have to have this specific documentation.	
25	Putting an estimated number is not considered	

		Page 183
1	documentation by any auditor that I think would	
2	call themself an auditor. It's not	
3	documentation. It's a clear violation of the	
4	rule. They have to have documentation in the	
5	petition and they don't. They have some	
6	estimated number that they're going to have in	
7	the future, which is, in many cases, it's wildly	
8	different than what actually they actually	
9	incur in that month.	
10	JUDGE BURTON: Well, actually for MGE,	
11	wasn't it actually lower than what the estimate	
12	was?	
13	THE WITNESS: It could go either way.	
14	JUDGE BURTON: But for MGE, wasn't it	
15	lower?	
16	THE WITNESS: I don't know.	
17	JUDGE BURTON: You didn't review this?	
18	THE WITNESS: Oh, no. I don't really I	
19	wasn't too concerned about the numbers in those	
20	months. I just know they're not verifiable.	
21	They're not sufficient there's no	
22	documentation and, you know, they should have	
23	been, if they were they need to be in service	
24	and used and useful to be, according to the	
25	statute, to be eligible.	

		Page 184
1	JUDGE BURTON: How do you decide if	
2	something's in use and used and useful?	
3	THE WITNESS: It's classified as plant in	
4	service. It's an accounting transaction. And	
5	it's actually providing service to rate payers.	
6	It's used and useful in the provision of utility	
7	service. And it's classified in service, which	
8	is normally for Account 101 and subaccounts for	
9	different main services.	
10	JUDGE BURTON: So if Mr. Buck, in his	
11	rebuttal testimony which he's taken under oath,	
12	states that it was in service and used and useful	
13	before April 1st, would you believe that?	
14	THE WITNESS: I have no reason to believe	
15	or disbelieve it. I need documentation to verify	
16	it. And that's part of the standard and the	
17	issue what I have	
18	JUDGE BURTON: So his sworn statement is	
19	not enough?	
20	THE WITNESS: Not even close.	
21	JUDGE BURTON: Okay. What type of	
22	documentation would Staff need to see if a	
23	project is used and useful?	
24	THE WITNESS: Well, Staff obviously	
25	doesn't need any documentation. That's the	

		Page 185
1	problem. What they should need is they'll review	
2	the work order documentation, source documents	
3	from the company, and certify from their plant	
4	personnel when these costs were transitioned from	
5	construction work in progress to plant in	
6	service. When that date is certified by the	
7	plant personnel, that's the date if it's	
8	otherwise eligible to be in an ISRS that makes it	
9	eligible. And the only way you can verify, you	
10	know, the documentation received by Laclede is	
11	just estimates, wild estimates of when the plant	
12	would be in service. That's not a document an	
13	auditor would consider.	
14	JUDGE BURTON: Let's say you have all the	
15	statements from the company. We have	
16	verification to your standards that the projects	
17	for January and February of 2016 are in service	
18	and are used and useful under the statute. If	
19	Laclede and MGE filed their application today, in	
20	your opinion would it be ISRS eligible?	
21	THE WITNESS: Again, I want to answer the	
22	first part of that. They're not my standards.	
23	They're professional auditing standards. I don't	
24	have my own standards.	
25	JUDGE BURTON: Do you believe that your	

Page 186 standards are the same as Staff's and 1 2 Mr. Oligschlaeger's? 3 THE WITNESS: No, I don't believe the Staff is following professional auditing 4 5 standards. 6 JUDGE BURTON: You can continue with your 7 answer. 8 THE WITNESS: If I got your question 9 correct, are you saying if Laclede filed today 10 for those January and February additions? JUDGE BURTON: Yes. 11 THE WITNESS: Yeah, I mean, then -- and if 12 they were verified in service, that would be 13 14 perfectly fine. In fact, I think that's exactly 15 what happened in a few cases ago. There was a question on this, Laclede withdrew its 16 17 application, then re-filed it to show that those 18 two months of updates were actually in service. 19 So that's been done before. 20 JUDGE BURTON: Is there any way -- and 21 let's say this is the standard adopted auditing 22 procedures, to perform an audit of this nature, 23 an ISRS audit, without reviewing every single 2.4 work order? 25 THE WITNESS: I think it could be done.

Page 187 1 You know, I think if you have time, I don't 2 believe there's a reason why you would not review 3 at least the majority of work orders. Staff picked a little less than 75 percent. They claim 4 5 they have --6 JUDGE BURTON: Last I knew, granted I'm a 7 lawyer, that's why I'm a lawyer, I'm not good at 8 math, but 75 percent is a majority. 9 THE WITNESS: It's more than 50 percent. 10 But it's not adequate, I don't believe. If you have time to review 100 percent, why don't you? 11 12 I think that's the question that needs to be asked. 13 14 JUDGE BURTON: But I thought from your testimony that it would be very difficult in 60 15 16 days to perform a full audit. 17 THE WITNESS: I said it could be done if 18 you had experienced auditors. You could have --19 and the company was actually willing to provide 20 data. That's another thing that has to be --21 JUDGE BURTON: How likely is that within 22 60 days? THE WITNESS: With Laclede, it's not 23 24 likely. 25 JUDGE BURTON: No, not that. But how

		Page 188
1	likely is it for Staff to be able to perform an	
2	audit within 60 days, reviewing every single work	
3	order between just September and December 2015?	
4	THE WITNESS: Well, I've done it. I mean,	
5	when we used to do Laclede audits I'm sorry,	
6	MGE audits, the Kansas City office of the Staff,	
7	we did it from 2004 to 2009. In every one of	
8	those things, we would visit Mr. Noack at MGE	
9	headquarters in Kansas City, would request work	
10	orders to review. We'd have a stack of work	
11	orders. We'd have two or three auditors in there	
12	reviewing them. MGE would bring in their	
13	experienced plant personnel. We would ask	
14	questions about, okay, in service date, you know,	
15	they would have documentation where they sought	
16	reimbursements, had checks in there for actual	
17	reimbursements. We didn't have to call a city to	
18	see if they did a reimbursement. MGE had	
19	documentation in its work order.	
20	JUDGE BURTON: Isn't that information	
21	provided through a data request, let's say?	
22	THE WITNESS: Well, I mean, if you had a	
23	data request for each piece of information that	
24	you need to review in the work order, you	
25	wouldn't get the ISRS audit done. You'd be	

Page 189 1 writing data requests all the time. 2 COMMISSIONER KENNEY: Did you say that MGE 3 never did true-ups, right? THE WITNESS: They didn't until they were 4 5 associated --6 COMMISSIONER KENNEY: That's different. 7 How does that compare to what we're talking about 8 now with the true-ups? Because what you're 9 answering about MGE, they didn't do what we're 10 discussing right now. THE WITNESS: She asked me if it could be 11 12 done in 60 days. I'm saying yes, it can be. 13 We've done it. COMMISSIONER KENNEY: The audit? 14 15 THE WITNESS: Yes. 16 COMMISSIONER KENNEY: With the true-ups? 17 THE WITNESS: No. She was asking the 60 18 days, I believe, without the true-ups. I think 19 that's what the basis of the question was. 20 JUDGE BURTON: Let's say, you're going back to your experiences from prior MGE cases, 21 22 but I believe that part of your argument is that 23 the number of ISRS applications or projects have 2.4 increased over time. Is the number of projects that are included for MGE and Laclede from 25

		Page 190
1	September 2015 through December 2015 comparable	
2	to the amount of projects and work orders you had	
3	to review when you went to MGE's office?	
4	THE WITNESS: My testimony didn't address	
5	the number of projects. My testimony addressed	
6	cost and I provided this schedule here which	
7	shows when MGE was acquired by Laclede about this	
8	time frame, when Laclede acquired new management,	
9	the cost for ISRS shot up, it skyrocketed.	
10	JUDGE BURTON: So you don't know if	
11	currently there are more work orders more work	
12	projects in Laclede's, let's say, December or,	
13	excuse me, September 2015 through December 2015	
14	orders?	
15	THE WITNESS: I didn't do that analysis.	
16	JUDGE BURTON: Okay.	
17	COMMISSIONER KENNEY: What's the	
18	limitation on ISRS's percentage of capital? Is	
19	it ten percent? So they're still they're just	
20	doing more, under your chart that I saw, they're	
21	still within that ten percent, they just weren't	
22	doing as much?	
23	THE WITNESS: I know their cost per work	
24	project increased significantly and that could	
25	be many reasons for that. But and I'm not	

Page 191 saying it --1 2 COMMISSIONER KENNEY: No, I understand. 3 But it's still within that ten percent on your chart or am I just -- am I misunderstanding what 4 5 you're saying? 6 THE WITNESS: Yeah, the ten percent 7 affects ten percent of their revenues. You can't 8 exceed that for the ISRS cap. I didn't do any 9 analysis to that effect. 10 COMMISSIONER KENNEY: I misrepresented 11 what you're saying. I meant --12 THE WITNESS: I would never say that. COMMISSIONER KENNEY: Well, I'm not 13 14 seeing -- I'm off somewhere because I thought you 15 were saying that was the total cost of the ISRS, 16 your chart there. THE WITNESS: No, no. In fact, I 17 18 explained the calculation in my rebuttal 19 testimony. 20 COMMISSIONER KENNEY: We're not talking 21 about that right now. THE WITNESS: Well, that's where this 22 23 comes from. COMMISSIONER KENNEY: Okay. Thank you. 24 25 JUDGE BURTON: All right. Thank you.

Page 192 Those are my questions. Staff, any recross? 1 2 MR. KEEVIL: Just briefly. 3 RECROSS-EXAMINATION 4 BY MR. KEEVIL: 5 0 Mr. Hyneman, in response to a question from Judge Burton, you said regarding the -- when 6 7 the plant would become in service, used and useful, 8 there would be a plant personnel certify when it went into service? Did I misunderstand you there? 9 10 А That was a process for Missouri Gas 11 Energy. I'm assuming Laclede's plant personnel who 12 are in charge of their continuing property records would certify when plant is actually in service. 13 They're responsible for that. 14 15 0 So there would be a plant personnel 16 individual doing that? 17 А I would assume so. Okay. I mean, you've made it fairly 18 Q 19 obvious that you don't believe their documentation. 20 Why couldn't that person falsify a document just as easily as anyone else at Laclede or MGE? 21 22 А I'm not saying anybody falsified any 23 documents. 24 Q But you don't trust the documentation they 25 have?

		Page 193
1	A Well, it's not an issue of trust,	
2	Mr. Keevil, it's an issue of verification.	
3	Q That's my question. Just because you	
4	I'm not necessarily disagreeing with your premise	
5	here, but I'm trying to take your premise that the	
6	document you need something more than just a	
7	document that says it. So you're saying that a	
8	document from the plant personnel is more believable	
9	than a document from Mr. Buck or Mr. Zucker or	
10	whoever else?	
11	A It's better evidence, yes.	
12	MR. KEEVIL: Okay. Thank you. That's	
13	I'm done. No further question on that. Yeah, I	
14	think I'm done, Judge.	
15	JUDGE BURTON: Mr. Zucker?	
16	MR. ZUCKER: Thank you, Your Honor.	
17	RECROSS-EXAMINATION	
18	BY MR. ZUCKER:	
19	Q Did I hear you say in response to a	
20	question from Judge Burton that in an MGE ISRS audit	
21	you looked at every work order?	
22	A No. We looked at substantially all of	
23	them.	
24	Q And by "substantially all," what kind of	
25	percentage would you	

		Page 194
1	A I can't normally it depends, like if	
2	you have 80 percent of the cost in 50 or 60 work	
3	orders and then you had a bunch of small ones, if we	
4	did our initial review of substantially all the work	
5	orders and we didn't find any major problems, we	
б	would not then normally go back to review the very	
7	small dollar ones. But if we did find them, and we	
8	have in the past with MGE, we would further go back	
9	and say, okay, we need to look at all these to make	
10	sure the problems aren't in the other work orders as	
11	well.	
12	Q Okay. So after we sent you the update	
13	documentation, you could have asked for work orders,	
14	correct?	
15	A I think I may have asked for the work	
16	orders in the original data request that we sent to	
17	Laclede.	
18	Q Well, I guess my question is: After the	
19	March 9th update, you could have asked for work	
20	orders if you want? You could have asked for a	
21	sampling of them if you wanted to see it, isn't that	
22	correct?	
23	A That's correct.	
24	Q And you didn't do that?	
25	A I didn't.	

Page 195 MR. ZUCKER: Okay. No further questions. 1 2 Thank you. JUDGE BURTON: Redirect? 3 4 MR. POSTON: Yes, thank you. 5 REDIRECT EXAMINATION BY MR. POSTON: 6 7 I'm going to work backwards here. I'll Q 8 start with questions from Mr. Keevil. And I guess those questions about what documents can be verified 9 10 in a work order that cannot be verified in the company's filings, and can you please explain the 11 12 difference between those two? Yes. I guess the answer is everything. 13 А For example, we talked about allowance for funds 14 used during construction. In the company's face 15 16 sheet you don't know how much is in there. You 17 don't know what the cost rates, if they're appropriate. You don't know if they're applying the 18 policy of applying AFUDC to construction projects 19 20 appropriately. And you get into the -- data has estimated in service dates. You see some things 21 22 with 2014 when we're in the 2016 time period. There's no actual in service date that shows that 23 that project qualified for ISRS during the period. 24 That's a big issue. Because they could -- and the 25

		Page 196
1	issue has happened before. They could be putting in	
2	plant projects that are already being included in	
3	their rate base. I think we had an issue with that	
4	in a prior Laclede case and I think I addressed that	
5	in the memo that Laclede brought up. So, I mean,	
6	you can't they don't give you any cost during a	
7	work order. But the problem I have is that when I	
8	first saw these face sheets with Laclede, and it was	
9	during that case, I said this is not anywhere near	
10	acceptable documentation. So I arranged to visit	
11	the Laclede headquarters, me and two other auditors,	
12	and we sat down with Mr. Buck and said this is the	
13	type of information I need. And Mr. Buck did	
14	provide and I don't know how he did it, but he	
15	provided work order documentation, the cost and	
16	AFUDC capitalization, the different types of	
17	contract bonus payments, management overhead, all of	
18	those costs that make up the work order he provided.	
19	And I was able to review those in that case. That	
20	was not provided in this case at all. And there's	
21	no way that Staff can verify any cost	
22	appropriateness in the data that they review from	
23	Laclede.	
24	Q You said in response to a question, this	
25	might get to what you're talking about here, that	

		Page 197
1	the company didn't verify a lot of data, not just	
2	the in service date. Do you recall that?	
3	A Company didn't verify	
4	Q I'm sorry, that the data does not allow	
5	you to verify a lot of data, not just the in service	
6	dates?	
7	A Right. All the data.	
8	Q What other data are you referring to?	
9	A I just went through that. All the data	
10	that's included in the work order. All the costs	
11	that make up the work order total. For relocation	
12	projects it includes documentation from the entity	
13	that required the relocation. It provides	
14	communication, like with MGE, we used to look at	
15	letters that they said, hey, MGE, you have to move	
16	this, we have to fix this road. And MGE would send	
17	back, okay, this thing and whatever how it	
18	qualified. You got to pay this. And they would get	
19	a check, they'd put a copy of the check in the work	
20	order. We'd verify that. We'd look at other	
21	relocations and say how come you didn't get	
22	reimbursed on this? And we'd meet with MGE's plant	
23	personnel. She would explain the requirements when	
24	and when they are not authorized to get a	
25	reimbursements. None of that basic audit type stuff	

		Page 198
1	is done in this current audit, ISRS audits.	
2	Q You also testified in response to	
3	questions from the judge that no auditor would rely	
4	on numbers that aren't verifiable. Can you explain	
5	why?	
6	A Well, I think it was referring to that	
7	estimated number that they put in their petition and	
8	when they filed, I think, the February 1st	
9	petition they put estimates in there for. That's	
10	just not no auditor would consider that	
11	documentation.	
12	Q How about the work order face sheets that	
13	you refer to?	
14	A No.	
15	Q Were those verifiable?	
16	A No.	
17	Q Why is Mr. Buck's sworn statement not	
18	enough?	
19	A Well, under general accepted auditing	
20	standards, which is the profession's basic standards	
21	for auditors, they require they require CPAs, but	
22	it should apply to all auditors, to have an attitude	
23	of professional skepticism. And that means several	
24	things. But one of the things it means is you don't	
25	assume the information is correct. Nor do you	
1		

		Page 199
1	assume that it's dishonest or incorrect. You go in	
2	with no bias and say, okay, I want to see if this	
3	data is correct and just by having a number on a	
4	piece of paper is not sufficient data. You go to	
5	the source documents, you see the original	
6	documents, and that's the data you need to verify if	
7	the documentation's correct.	
8	Q Okay.	
9	A That was done for many years. It was done	
10	for many years.	
11	Q And did I hear you testify that in prior	
12	MGE ISRS petitions that you did audit that you	
13	looked at 80 percent of the actual work orders?	
14	A Yeah, I don't know the exact number but I	
15	think that sounds about right.	
16	Q And so, is that different than what the	
17	Staff's 75 percent that they looked at? I mean, is	
18	the Staff's 75 percent looking at the actual work	
19	order or something different?	
20	A No, we looked at actual work orders. And	
21	they're Manila folders with stacks about that for	
22	work orders, so we go to MGE and we'd have a table	
23	full and we'd spend a lot of time there in meeting	
24	with their plant personnel to discuss it. Staff	
25	doesn't look at that data any more. So when I say	

		Page 200
1	80 percent of the work order costs, Staff does	
2	75 percent in this case of the face sheet.	
3	Q I believe in questions from the judge and	
4	from Commissioner Kenney referred to a chart that	
5	you had up there. Can you explain, what is that	
6	chart?	
7	A Yes, I did an average of Laclede and MGE	
8	ISRSs since the first ISRS to the last. For	
9	example, this is Laclede, the chart, it's in my	
10	rebuttal testimony and what it did, simply	
11	MR. ZUCKER: Then I'm going to object to	
12	it. I don't know where this comes from and how	
13	it relates to the question previous questions.	
14	MR. POSTON: I believe, Judge, you	
15	asked or you asked him a question when he	
16	brought that up in a response and I believe	
17	Commissioner Kenney also referred specifically to	
18	those charts in his questioning.	
19	JUDGE BURTON: I'm going to allow it for	
20	this specific purpose and we'll at least consider	
21	it as an offer of proof whenever it comes to	
22	whether or not to strike that exhibit from the	
23	record. I think he's just questioning him about	
24	it rather than just referring to it being	
25	admitted.	

		Page 201
1	A Yes, the analysis is very simple. It's	
2	for each ISRS case. I took the amount that The	
3	Commission ordered for the ISRS and I divided that	
4	by the length of period for the ISRS period. For	
5	example, January 1st, 2004 through September 30,	
6	2004, 273 days. I took the ISRS amount, divided by	
7	that to get an ISRS cost per day for the period.	
8	And in the beginning, you know, with Laclede and	
9	MGE, they were, you know, pretty similar. They're	
10	like 6,000, 9,000, 10,000 and then something	
11	happened around a period of 2011, 2012, they	
12	start these costs started skyrocketing. Now	
13	you're looking at 17,000, 26,000, 29,000, 30,000.	
14	Compared to 5,000, 6,000.	
15	Now, this analysis on its face doesn't	
16	prove anything. But what it should do for Staff if	
17	it had time, and Staff claims it has time, it should	
18	do this type of analysis to find out why these costs	
19	are skyrocketing. That would be a basic audit step	
20	the Staff does not perform. And I think the	
21	customers are interested to know why their ISRS	
22	charges are going up substantially by you know,	
23	what's causing it? And those questions have not	
24	been answered. And they should be.	
25	MR. POSTON: Judge, I would like to have	

		Page 202
1	these marked and entered. Obviously they have	
2	been referenced several times here and I think to	
3	make the record complete they should be in the	
4	record.	
5	JUDGE BURTON: Is it one page or two?	
6	THE WITNESS: It's a total of four.	
7	JUDGE BURTON: Did you want this all to be	
8	part of one exhibit?	
9	MR. POSTON: Yeah, that's fine.	
10	JUDGE BURTON: Okay. So we'll have	
11	Exhibit 15, graphs prepared by Mr. Hyneman, is	
12	that correct?	
13	MR. ZUCKER: Your Honor, if we're going to	
14	consider this new information, then I would like	
15	an opportunity to cross-examine Mr. Hyneman on	
16	it.	
17	MR. POSTON: Judge, there's no new	
18	information. This is directly out of Commission	
19	cases. It's just been put into a graph form.	
20	There's all it is.	
21	JUDGE BURTON: It's still being presented	
22	as evidence here. But first, let me go ahead and	
23	see it's being offered. Are we going to hear	
24	any objections to the admission of Exhibit 15?	
25	MR. ZUCKER: I'll object to it. I mean,	

		Page 203
1	this is the same document that's in his rebuttal	
2	testimony, I believe. Is that right?	
3	THE WITNESS: That's correct.	
4	MR. POSTON: That alone doesn't make it	
5	objectionable. Like I said, it's been asked	
6	about from questions from the bench. He's	
7	explained what it is, where he got the numbers.	
8	JUDGE BURTON: I believe he'd held it up	
9	but I haven't actually seen it. Could I see the	
10	exhibit to I'm going to take these with the	
11	record for right now and parties can brief them	
12	with objections to Exhibit 11.	
13	MR. POSTON: You're saying object to both	
14	at the same time if there's objections to this	
15	one?	
16	JUDGE BURTON: Yes. And The Commission	
17	will rule on the admission of both Exhibits 11	
18	and 15 as well as 13 and 14.	
19	MR. ZUCKER: Am I allowed an offer of	
20	cross?	
21	JUDGE BURTON: You are. But I don't	
22	are we concluded with the redirect?	
23	MR. POSTON: No.	
24	JUDGE BURTON: Okay.	
25	MR. POSTON: But, I mean, if he wants to	

	Page 204
1	go ahead and do that now and then I can resume my
2	redirect, that's fine. If it's an appropriate
3	place to do it.
4	JUDGE BURTON: Let me go ahead and let you
5	finish your direct and then we can address that,
6	unless there aren't any further questions you
7	have on this.
8	MR. POSTON: Then I would have an
9	opportunity to redirect on his questions?
10	JUDGE BURTON: Well, that would still be
11	an offer, correct? We'll do that all at the same
12	point so it will still be marked in the
13	transcript.
14	(OPC Exhibit 15 marked.)
15	Q (By Mr. Poston) Mr. Hyneman, why didn't
16	you do an audit in this case?
17	A OPC is overwhelmed with rate cases right
18	now and did not have resources to devote to the ISRS
19	cases.
20	Q Why is it appropriate to bring forward the
21	depreciation reserve and deferred tax but not the
22	plant additions?
23	A Because the plant additions are the plant
24	dollars that are in the petition. And those dollars
25	are the company in base rates is currently

		Page 205
1	recovering depreciation, expense and recovery of	
2	taxes on those. So it's important that during the	
3	period before the ISRS is in effect, that you	
4	eliminate the double recovery. You don't want to	
5	have the ISRS recovering dollars and base rates	
6	recovering the same dollars. So you set the ISRS	
7	revenue requirement as opposed to the date as it	
8	goes in effect. And that's just just general	
9	rate making policy.	
10	Q And those those balances you're	
11	bringing forward, are those just based on the plant	
12	that was in service by February 1st?	
13	A Correct. By in service in the petition,	
14	correct.	
15	Q And I believe you testified that you	
16	believe you helped develop the idea of bringing	
17	forward those items?	
18	A Yes.	
19	Q The depreciation and the tax deferred	
20	tax?	
21	A Yes, it was a Staff position, but I was	
22	part of the development of it.	
23	Q And did any party oppose those?	
24	A Yes, initially, when I filed that position	
25	in the MGE ISRS case, and I don't know the number,	

		Page 206
1	but Mr. Noack filed an objection. His main concern	
2	was that Staff did not explain why it did it, like	
3	that. And I probably didn't explain it	
4	appropriately to Mr. Noack. I think once we talked	
5	about it and I can't speak for Mr. Noack but	
6	he removed the objection and we've been doing that	
7	ever since, without him doing ISRS true-ups. So	
8	that's the method that we kept doing with MGE during	
9	that period.	
10	Q Until Laclede	
11	A Laclede acquired them, right.	
12	Q There's been talk about this don't	
13	recall the exhibit number, but it's the big stack of	
14	spreadsheets that Mr. Zucker has brought and	
15	questioned you on. Do you recall that?	
16	A Yeah, I think they were PDF documents,	
17	yeah, but they're in Excel format.	
18	Q He says those were sent on March 9th,	
19	2016, is that correct?	
20	A I think that's what he said.	
21	Q And is that 37 days into the 60-day	
22	review, roughly?	
23	A Roughly, yes.	
24	Q I think it's maybe a leap year. I don't	
25	know. You figure that out. Would you have a better	

Page 207 1 opportunity to review those documents if they were provided with the original petition on 2 3 February 1st? 4 Α Again, could you repeat that question? I 5 was trying to calculate the date, so --6 Okay. Would you have a better opportunity Q 7 to review these documents if you had a full 60 days 8 to look at it? 9 What documents were you referring to? Α 10 The documents that Mr. Zucker brought up Q 11 to you and had you look at, the MGE spreadsheets? 12 Α Right. It's very difficult to audit a 13 moving target. To me it's a very, very difficult. And when you have a limit of 60 days, I don't see 14 how it could be done. It's a moving target. If 15 Laclede went up to its outside auditors and said, 16 17 Okay, we want our end of year financial statements, I think they have a fiscal year, September 30th. 18 We want to update that a couple months, you know, we 19 20 want you to audit at, you know, December, they would 21 laugh at us. 22 MR. ZUCKER: I'm going to object to that 23 as hearsay. Speculation, also. Yeah, he didn't 24 hear anyone say it. 25 JUDGE BURTON: I'll sustain it on the

		Page 208
1	speculation.	
2	Q (By Mr. Poston) There was questions for	
3	you about the past recommendation that you issued	
4	that included true-up in it or updates?	
5	A Right.	
б	Q How can you reconcile that; your testimony	
7	here today and that recommendation?	
8	A I was directed to accomplish the audit.	
9	Mr. Oligschlaeger directed me to include the	
10	true-ups. I didn't have an option. I had to.	
11	Q And to follow along with that, there is	
12	is there an option after the 60 days to continue the	
13	review or is the 60 days the total length of the	
14	review that's possible?	
15	A Well and that's a very good question.	
16	Because the 60-day limit in the statute is limited	
17	to Staff. I don't think it limits any other party	
18	to do a review past that. Is it theoretically	
19	possible for OPC to conduct an audit starting 60	
20	days after the true-up February month is filed and	
21	do a 60-day review for that period? Cut into the	
22	120 total time period, but I don't know if that	
23	would be would it be an option that OPC could	
24	look at and still maintain 60 days from review after	
25	the final work order has been included?	

Page 209 1 But there wouldn't be an opportunity for 0 2 like the procedure we've got going on here, though? 3 Α I think it would make it very, very tight, 4 yes. 5 I believe this was questions from 0 Mr. Keevil. I believe you said that depreciation --6 7 the adjustment you did for depreciation reserve and 8 tax -- and deferred tax and the audits that you did, you said that's not a true-up. Can you explain 9 10 that, what you mean by that? 11 А No, it's not a true-up in any sense. Ιt 12 takes the plant that was included in the petition 13 and makes a revenue requirement based on that plant, which includes the depreciation reserve and 14 accumulated deferred taxes, and sets that rate base 15 16 revenue requirement as close as possible to the in 17 service date. And the main thing is to prevent the detriment of double recovery. I think that's the 18 main reason behind it. But it's just, you know, 19 20 it's just -- that's the purpose of it. It's not a true-up, you know, a true-up, of course, involves 21 22 all components of a revenue requirement, not just 23 the cost increases. MR. POSTON: I think that's all I have. 24 25 Thank you.

Page 210 JUDGE BURTON: Okay. At this time I 1 2 believe we have the offer of proof for Exhibit 15 3 and, Mr. Zucker, you wanted to do the cross? 4 MR. ZUCKER: Yes, thank you, Your Honor. 5 FURTHER RECROSS-EXAMINATION BY MR. ZUCKER: 6 7 Very quickly, Mr. Hyneman, you noted an Q 8 increase in ISRS costs starting around when? 9 A For which company? 10 For Laclede Gas. 0 I think the significant increase started 11 Α 12 and consistently in Case GO-2011-0361. That was the 13 highest dollar amount there. \$12,870 per day. That's the highest amount except for I think one 14 month prior, one prior case. So it was probably in 15 the 2011 time frame. 16 17 0 Okay. And are you aware that in 2010 there was a gas explosion in San Bruno, California? 18 19 MR. POSTON: Objection. He's assuming facts that are not in evidence. 20 21 JUDGE BURTON: Sustained. (By Mr. Zucker) Well, was there an 22 Q 23 explosion in San Bruno, California in 2010? I don't know the date, but I heard of an 24 А explosion, yes. 25

	Page 211
1	Q And in early 2011, there were were
2	there two explosions in Pennsylvania?
3	A I don't know.
4	Q And would you be surprised to know that
5	the ISRS safety work accelerated after those
6	incidents?
7	MR. POSTON: Objection. Again, he's
8	assuming facts not in evidence in his
9	questioning.
10	JUDGE BURTON: Overruled.
11	A Could you repeat the question?
12	Q (By Mr. Zucker) Would you be surprised to
13	know that the ISRS costs accelerated after those
14	incidents?
15	A If Laclede believed that it had
16	potentially safety issues similar to the ones that
17	happened and it needed to address those, then I
18	could see that Laclede may increase its replacement
19	of those two mains or whatever type of projects.
20	Q Or cast iron mains?
21	A Cast iron mains, yes.
22	Q And the same thing would happen for MGE
23	after Laclede's purchase of them? Would you be
24	surprised to hear that?
25	A I mean, if you have some kind of

		Page 212
1	documentation that says we need to accelerate our	
2	ISRS projects because of an explosion out in	
3	California, that would be something I think would be	
4	good to be in the case. If you know, if that's a	
5	valid reason. I'm not saying that you did that or	
6	didn't do it. I just don't know. And the purpose	
7	of this chart is to raise questions. Not	
8	necessarily to say, hey, you've been imprudent.	
9	Your costs are going out the roof. Raise questions	
10	to find out why these costs are increasing. And	
11	that may be one of them.	
12	MR. ZUCKER: Okay. Thank you.	
13	JUDGE BURTON: Any redirect as part of an	
14	offer of proof for Exhibit 15?	
15	MR. POSTON: Yeah.	
16	FURTHER REDIRECT EXAMINATION	
17	BY MR. POSTON:	
18	Q Does an explosion in California cause pipe	
19	here to be any less safe than it was previously?	
20	A No.	
21	MR. POSTON: That's all.	
22	JUDGE BURTON: Okay. And I believe that	
23	concludes our offer of proof. It also concludes	
24	the taking of testimony. Thank you very much.	
25	Mr. Hyneman, you are excused.	

		Page 213
1	Some housekeeping. Let's verify the	
2	exhibits that we have that are offered and	
3	admitted into the record. I have Exhibits 1, 2,	
4	3, 4, 5, 6, 7, 8, 9, 10, and 12 as currently	
5	being admitted with no objections. We have	
6	Exhibit 11, which is the rebuttal for Mr. Hyneman	
7	which was offered and we have a pending motion to	
8	strike portions of that testimony and the	
9	attachments and I know we had discussed at the	
10	beginning of today's hearing, which seems so very	
11	long ago at the moment, you, Mr. Poston, having	
12	an opportunity to submit a response and I'm sure	
13	Mr. Zucker would like an opportunity for reply.	
14	Let's take a look at the calendar at this	
15	moment to see. I don't believe that we're going	
16	to be needing the transcript for that portion of	
17	debriefing. I would say let's try to have your	
18	response by the end of day tomorrow, is that	
19	sufficient, Mr. Poston?	
20	MR. POSTON: And this is response to just	
21	which part?	
22	JUDGE BURTON: This is to the motion to	
23	strike Exhibit 11, the rebuttal.	
24	MR. KEEVIL: And you combined that with	
25	15, right?	

Page 214 1 JUDGE BURTON: Yes. I was just going 2 through, Mr. Keevil. We also have the Exhibit 15 3 which we have the offer of proof which were the 4 graphs, the four pages of documentation that were 5 also included, I believe, as an attachment of 6 Mr. Hyneman's rebuttal. And I'll provide that 7 right now to the court reporter. 8 MR. POSTON: And that one is marked as? 9 JUDGE BURTON: Exhibit 15. There are four pages to Exhibit 15. So since it includes the 10 11 same material and same issues, a little bit 12 different in the presentation, let's have that 13 addressed in the response and replied to the 14 motion. 15 MR. POSTON: So that's for Exhibit 11, 15, and 13? 16 17 JUDGE BURTON: 11 and 15. 18 MR. POSTON: Just 11 and 15. Okay. Then 19 how about --20 JUDGE BURTON: Exhibits 13 and 14. 21 Exhibit 13 is the March 9th work papers for 22 Laclede. Is that an accurate way to describe 23 Exhibit 13? 24 MR. ZUCKER: Yes. JUDGE BURTON: Sufficient for now? 25

		Page 215
1	MR. ZUCKER: Yes.	
2	JUDGE BURTON: We have an objection to the	
3	admission of that and we also have an objection	
4	to the admission of Exhibit 14, which is the	
5	updated ISRS work papers concerning MGE that were	
6	also claimed to be provided on March 9th. For	
7	Exhibit 13, I believe the only issue we had when	
8	it was presented during the testimony, I believe,	
9	of Staff's witness was concern about whether or	
10	not it was an accurate representation of material	
11	that was presented to OPC in that March 9th	
12	e-mail.	
13	So, I know that we are looking at a tight	
14	schedule for you, Mr. Poston. I know I	
15	previously stated giving you until 10:00 tomorrow	
16	morning but I would like to give you a little bit	
17	more leeway for you and your witness to review	
18	that. Do you think that would also be something	
19	that can be reviewed what, 130 pages,	
20	somewhere in there to verify that it was the	
21	document that was presented in the e-mail on	
22	March 9th by 5:00 tomorrow, which is	
23	April 27th?	
24	MR. POSTON: Yeah, we can't verify the	
25	accuracy of anything in there other than that was	

		Page 216
1	the document that was provided to us.	
2	JUDGE BURTON: Yes. And that's for	
3	Exhibit 13. That is what I would like. So let's	
4	go ahead and say that as well for 5:00 tomorrow.	
5	For Exhibit 14, I believe that was the that	
б	was presented during the testimony of	
7	Mr. Hyneman. And so I'm assuming you have some	
8	additional objections to that. I will allow some	
9	briefing on that. Do you believe that 5:00	
10	tomorrow is sufficient to include all that or	
11	would you like additional time?	
12	MR. POSTON: I would like additional time	
13	because there's a lot of authentication issues	
14	involved there because no witness has	
15	authenticated the document.	
16	JUDGE BURTON: Then let's say end of day	
17	on Thursday the 28th for briefing on Exhibit	
18	14. And I will give a reply time for you as	
19	well, Mr. Zucker, or Mr. Keevil as well if you	
20	would like to you're shaking your head like	
21	you don't want to submit a brief.	
22	MR. KEEVIL: I was going to say probably	
23	not necessary to give me additional time on that	
24	one. I'll probably saddle that, as that of the	
25	11 and 15 battle as well.	

		Page 217
1	MR. ZUCKER: Could Exhibit 14 be treated	
2	like 13? In terms of it's the same document as	
3	13 and came in the same e-mail as 13?	
4	JUDGE BURTON: It was presented in a	
5	hearing in a different aspect, so I'm going to	
6	treat it differently. So let's say until Friday,	
7	end of business day, the 29th, for any replies	
8	to any objections to 14 in a brief from OPC.	
9	Okay, Mr. Zucker?	
10	MR. ZUCKER: Yes, ma'am.	
11	JUDGE BURTON: So just again, to clarify,	
12	Exhibit 11, OPC's briefing will be due for	
13	response to the motion to strike end of business	
14	day 5:00 tomorrow as well as any objections to	
15	the accuracy of Exhibit 13. And also the	
16	briefing excuse me, 11 and 15. For the	
17	Exhibit 14, which is the MGE updated March 9th	
18	work papers and worksheets, that will be briefing	
19	end of the day business day on the 28th, which	
20	is Thursday for OPC, and replies will be due end	
21	of the business day Friday the 29th for	
22	Laclede/MGE and Staff, if they feel so inclined.	
23	Now, we currently have the briefing	
24	schedule due with one round of briefs due on	
25	Wednesday, May 4th. I do not believe that that	

		Page 218
1	will be changing. So enjoy your weekend,	
2	gentlemen, and I believe that the transcript	
3	should be available by Thursday the 28th. So,	
4	at the latest, we should have the transcript from	
5	today's hearing available on Thursday, the	
6	28th. Are there any other additional issues we	
7	need to address while we are on the record?	
8	MR. KEEVIL: Just to clarify, Judge,	
9	this you mentioned Staff and all this briefing	
10	that's ordered by the end of this week. I assume	
11	that's optional?	
12	JUDGE BURTON: That is always optional.	
13	MR. KEEVIL: Thank you.	
14	JUDGE BURTON: Should you feel so	
15	inclined. Hearing nothing else that needs to be	
16	addressed on the record, we're going to go ahead	
17	and go off the record.	
18	(Ending time of the hearing: 4:01 p.m.)	
19		
20		
21		
22		
23		
24		
25		

		Page 219
1	INDEX	
2	WITNESS	PAGE
	Glenn W. Buck	-
3	Direct Examination by Mr. Zucker	41
-	Cross-Examination by Mr. Keevil	43
4	Cross-Examination by Mr. Poston	45
	Redirect Examination by Mr. Zucker	68
5	Brian Wells	
	Direct Examination by Mr. Keevil	80
6	Cross-Examination by Mr. Zucker	81
	Cross-Examination by Mr. Poston	83
7	Recross-Examination by Mr. Zucker	105
	Recross-Examination by Mr. Poston	110
8	Redirect Examination by Mr. Keevil	115
	Jennifer Grisham	
9	Direct Examination by Mr. Keevil	119
	Cross-Examination by Mr. Zucker	120
10	Mark Oligschlaeger	
	Direct Examination by Mr. Keevil	122
11	Cross-Examination by Mr. Zucker	124
	Cross-Examination by Mr. Poston	127
12	Recross-Examination by Mr. Zucker	143
	Redirect Examination by Mr. Keevil	146
13	Charles Hyneman	
	Direct Examination by Mr. Poston	151
14	Cross-Examination by Mr. Keevil	154
	Cross-Examination by Mr. Zucker	158
15	Recross-Examination by Mr. Keevil	192
	Recross-Examination by Mr. Zucker	193
16	Redirect Examination by Mr. Poston	195
	Further Recross-Examination by Mr. Zucker	210
17	Further Redirect Examination by Mr. Poston	212
		D REC'D
18	Exhibit 1 App. and Petition of Laclede Gas	1 79
	Exhibit 2 App. and Petition of MGE	1 79
19	Exhibit 3 Direct Testimony of G. Buck	1 42
	Exhibit 4 Rebuttal Testimony of G. Buck	1 43
20	Exhibit 5 Direct Testimony of B. Wells	1 81
	Exhibit 6 Direct Testimony of D. Sommerer	1 79
21	Exhibit 7 Direct Testimony of J. Grisham	1 120
	Exhibit 8 Direct Testimony of D. Sommerer	1 79
22	Exhibit 9 Rebuttal Testimony of M. Oligschlaeger	
	Exhibit 10 Direct Testimony of C. Hyneman	1 153
23	Exhibit 11 Rebuttal Testimony of C. Hyneman	1 NR
0.4	Exhibit 12 Work Order Authorizations	88 101
24	Exhibit 13 Main Replacement Additions	106 NR
<u>م</u> ۲	Exhibit 14 ISRS Work Order Additions	177 NR
25	Exhibit 15 Four Pages of Graphs	204 NR

A	55:21,22 56:14	155:21 170:10	admission 42:8	135:1 137:21
abandon 94:6	184:4	178:12	81:11 202:24	137:24 149:6
	accounts 177:19	additional 7:18	203:17 215:3,4	150:10 154:15
97:24	accumulated	14:24 27:19	admissions	164:4,9 167:11
abandoned	58:14 73:15	50:11 51:20	179:15	171:11
94:11	154:19 155:1	52:4 59:7	admit 20:21	agreed 77:14
abandonment	156:16 172:17	64:25 72:4	admitted 42:16	agreeing 147:18
97:19,22	178:16 209:15	78:13 110:3	43:7 79:8,13	agreement
abandonments	accumulative	111:6 121:22	79:21,23 81:12	15:19
93:11 94:9	59:1	140:6 160:17	101:6 114:3	<b>agrees</b> 16:3
<b>ABCK</b> 105:2	accuracy 215:25	163:4 216:8,11	120:17 123:24	<b>ahead</b> 3:7 5:1
110:12	217:15	216:12,23	153:2 200:25	54:9 60:14
ability 5:17	<b>accurate</b> 106:15	210.12,23	213:3,5	153:6 170:6
61:20 126:19			,	
128:17 130:22	127:11,12	additions 49:3,4	adopted 30:14	202:22 204:1,4
<b>able</b> 7:7 39:15	155:9 170:25	65:12 82:19	186:21	216:4 218:16
41:5 69:10	171:1,4 214:22	83:6,6 102:11	advise 142:20	aid 82:16
70:12 77:23	215:10	102:19 113:4	advisement 13:9	<b>allow</b> 4:24 15:17
82:15 125:14	acquire 88:10	123:7 130:12	136:13	25:13 31:10
126:3 128:10	acquired 28:14	145:8 148:14	advocate 64:1	32:18 62:25
159:2 188:1	64:8 190:7,8	154:22 166:15	affidavit 161:3	97:25 153:19
196:19	206:11	167:2 177:14	161:11	155:14 161:1
absolutely 51:12	action 137:18	186:10 204:22	afield 53:21	179:14 197:4
72:14 73:1	139:3 150:13	204:23 219:24	afternoon 81:22	200:19 216:8
108:5 109:20	actions 12:25	219:24	81:23 83:16,17	allowable
161:13 162:1	activities 117:3	address 8:5 15:1	120:25 121:1	130:19
164:21 166:7	actual 7:23	19:6 20:3 46:6	124:6,7 127:22	allowance
accelerate 212:1	14:11 18:2,6	110:1 190:4	127:23	132:19 195:14
accelerated	18:19 25:21	204:5 211:17	<b>AFUDC</b> 92:12	<b>allowed</b> 13:11
211:5,13	34:2,4,9,18,20	218:7	92:17,20,23	18:17 33:7
acceptable	74:20 78:19	addressed 19:8	132:13,18	62:20 85:11
18:21 196:10	88:2,5 90:8,22	30:25 190:5	169:18 195:19	149:5 156:25
accepted 56:20	104:15,17	196:4 214:13	196:16	158:12 171:25
62:9 141:20	127:1 130:8	218:16	<b>ago</b> 9:23 15:16	203:19
198:19	131:7 139:22	adequate 16:4,7	18:14 20:15,16	allowing 12:11
accepting	142:15 143:14	19:9,17,20,21	21:3 23:1,3	<b>allows</b> 26:6
100:19	143:15 144:25	19:22 81:25	34:19 56:13	103:10
accommodate	170:10 188:16	159:5 161:9	61:6,7 98:17	<b>alluded</b> 18:14
125:10	195:23 199:13	171:17,18,20	136:16 166:1	ambiguous
accomplish	199:18,20	187:10	186:15 213:11	136:1
128:20,21	<b>add</b> 150:7	adequately	<b>agree</b> 6:8 24:14	amend 151:23
208:8	153:13 166:14	159:3	26:18,24 46:7	amending 152:5
account 174:3,3	167:6,9	adjustment	51:19,24 58:18	amendment
184:8	added 8:22 9:5	58:18 59:14	60:16,20,21	153:16,19
accountant	10:22 67:24	172:8 209:7	96:1,5,17	Ameren 59:2
55:17,19 151:9	165:13	adjustments	110:17 112:21	American 12:16
accounting	addition 51:19	58:15,20	118:8,10 127:5	57:23 133:6,11
accounting	52:3 87:11,12	adjusts 58:5	128:25 129:24	amount 31:2
	, , , , , , , , , , , , , , , , , , , ,			

49:23 54:14	appeal 21:5	38:10 39:13	104:1 106:3	171:1,3 192:17
68:3 71:6	appealed 21:4	59:23 92:20	107:12 108:17	198:25 199:1
82:25 88:8	appear 152:16	126:20 135:11	110:11 111:1	218:10
141:8 142:1,3	appearance	143:5 172:23	113:23 115:16	<b>assumes</b> 156:23
178:12 190:2	3:23	195:18 204:2	117:21 118:16	assuming
201:2,6 210:13	appearing 4:7	204:20	125:13 128:22	192:11 210:19
210:14	4:13	appropriately	135:15 137:6,8	211:8 216:7
amounts 87:3	appears 89:3	32:1 195:20	140:20 143:4	assumption
104:17 132:12	106:6,6,8	206:4	145:1,21	97:23
135:5 165:12	107:3	appropriateness	146:18 147:9	<b>ATMOS</b> 59:2
166:18	appendices	196:22	148:1 158:9	attach 8:2
analogous	102:10 104:11	approve 9:3,4,5	165:11 170:4	attached 5:11
126:15 127:14	Appendix 49:2	9:12 17:18	180:2,2,12	7:4 8:8 46:2
analyses 54:7	106:25 107:1	approved 5:15	187:13 189:11	70:10 88:15
analysis 25:8	applicable 21:9	approximately	194:13,15,19	89:10 101:22
30:8,12 31:6	21:9 44:9	3:9 43:20 49:3	194:20 200:15	104:5 111:14
190:15 191:9	61:13	64:25 65:9	200:15 203:5	161:3
201:1,15,18	application 1:10	66:5 70:5,7,23	<b>asking</b> 31:21	attachment 8:22
<b>analyze</b> 31:8	1:14 3:14,18	167:13 178:20	53:24 59:23,25	11:4 144:20
answer 12:4	6:21 17:23	178:22	60:2,10,11	214:5
44:16 54:17	35:2 42:11	April 1:7 3:8	66:23,23 91:22	attachments
71:14 77:9	48:6 66:6 79:4	4:22 41:25	103:20 111:13	7:10 10:22
118:20 124:11	79:9,19,21	42:19 184:13	111:17 112:18	48:7,10 104:11
134:23 135:6	90:17 91:9	215:23	113:24 114:4,8	112:13 168:24
136:14,16	102:9 104:6,8	arguing 6:1	114:14 115:10	213:9
145:25 158:11	104:10 112:13	29:13	162:8,14 165:2	attempt 136:7
165:21 170:5,7	138:5 141:25	<b>argument</b> 16:15	166:14 189:17	155:14
172:11 182:9	142:12 167:16	17:9,10,12,16	aspect 28:4	attest 172:1
185:21 186:7	168:25 180:22	22:10 29:9	217:5	<b>attitude</b> 198:22
195:13	181:17 182:3	30:10 38:18	asserting 176:2	attorney 2:3,9
answered 70:23	182:13,14	40:22 189:22	assertion 18:23	2:15 121:2
135:16 158:1	185:19 186:17	arguments 4:25	19:4	137:4
158:19 162:3	applications	6:2 7:15,18	asserts 161:4	attorneys 37:15
175:25 201:24	168:24 189:23	16:23 27:9	assigned 125:12	audit 9:1 10:11
answering 189:9	applied 154:8	32:16	125:16 149:15	11:23 16:4,10
answers 37:9	apply 21:1 25:9	arises 15:20	assist 76:8	16:12 27:17,20
42:5,24 63:19	46:13 157:20	arranged	assistance 87:16	28:16,19 44:8
71:13 81:5	198:22	196:10	87:17	45:10 56:1,5,6
120:6 123:15	<b>applying</b> 195:18	articulate 63:15	associated 9:9	56:9,10,11,15
152:17,19	195:19	<b>asked</b> 10:25	48:5 50:4	56:17,18 57:7
anticipate 32:2	approach 74:8	15:16 24:11	189:5	57:11,11,24
140:13	88:20 105:19	27:23 37:14	assume 15:4	59:6 61:12,21
anybody 91:24	143:19 144:16	42:4,5,23	39:2 55:2,8,14	63:1 67:25
192:22	160:1 173:1	61:15,17,17,20	63:6 89:11	70:13,19 72:23
App 219:18,18	175:20	68:18 71:16,18	94:9 107:10	77:22 82:9,11
apparently 60:6	appropriate	72:4 73:4 77:3	137:3 139:7	83:18,22 84:2
77:22 147:15	10:3 26:8	86:3,4 98:23	144:4,7 162:18	84:6 85:1,9,10
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

90:12,14 91:17	163:18 171:3	89:4,5 90:5	background	<b>believe</b> 4:19 5:2
92:6 101:10	172:15 183:1,2	101:24 102:21	7:25	7:22,24 13:21
103:16 115:17	185:13 198:3	102:23 104:19	backwards	14:21,22 15:6
118:24,25	198:10	115:19 131:23	147:8 195:7	21:5,12 23:6
119:2 121:7,11	auditors 16:17	132:4,9,16	balanced 63:14	23:13 25:1,10
121:15,18	16:17 57:4	142:15	balances 59:20	26:15 28:5,6
124:8,14	61:15,19,23	authorizations	155:7 156:2,3	29:12 30:9
126:11,17	62:6 72:13	117:18 121:21	205:10	31:23 35:9,18
128:7,10,15,17	125:24 128:7	131:15 140:15	balancing 63:17	36:25 41:3
133:5,6,8,10	132:23 139:14	146:20 147:1	<b>bang</b> 141:14	43:9 44:4
137:23 138:5	140:3 141:9	219:23	barely 29:14	61:10 62:12
138:21 139:15	144:19 145:3	authorized 31:4	<b>base</b> 28:11 67:2	64:7,22 65:3,4
141:5,11,23	158:17 187:18	32:6 60:9	74:17 155:15	66:18 67:11
147:20 149:2	188:11 196:11	177:5 197:24	156:24 196:3	72:6 77:17
149:25 150:1	198:21,22	authorizes 19:5	204:25 205:5	78:6,9,13 80:4
157:23 158:11	207:16	authorizing	209:15	80:18 81:15
158:13,21,24	auditor's 33:23	38:8	based 23:15	85:15 112:9
159:1,6,21,21	audits 5:17 45:1	<b>available</b> 6:13	67:10,15 87:2	115:22 117:21
161:5,9 165:5	45:7 55:24,25	14:16 18:11	110:4 116:16	118:20 120:10
171:15,17,18	57:18,18,20	24:7 87:18	130:6 131:4	120:20 128:4
171:20,24	62:20 63:4	139:21 218:3,5	156:1 205:11	129:11 130:16
174:6,7 175:14	72:25 124:22	average 200:7	209:13	131:25 132:5
175:15 179:24	124:22 129:4	averages 11:11	<b>basic</b> 197:25	132:11,17,24
180:7,22	130:24 131:3	aware 56:20	198:20 201:19	133:20 134:7
186:22,23	133:1 143:11	57:14,17,19	<b>basically</b> 6:23	135:19,21,23
187:16 188:2	146:1 157:19	58:19 59:13	9:3 10:8 68:20	136:6,22 144:8
188:25 189:14	169:4 182:10	107:9,12	<b>basis</b> 18:22 19:3	145:22 146:21
193:20 197:25	182:11 188:5,6	112:17 126:3	19:20 60:4	147:13 148:2
198:1 199:12	198:1 209:8	133:24 134:1	100:12 113:3	150:23 151:20
201:19 204:16	August 18:18	143:14 174:11	134:9 139:12	157:15 158:16
207:12,20	174:17,22	174:16,20,25	149:12 189:19	165:7,17 166:1
208:8,19	175:1,11	210:17	<b>battle</b> 216:25	167:4 169:10
audited 28:22	authenticate	<b>a.m</b> 3:9	<b>began</b> 20:16	170:6,7,23
auditing 55:11	179:8		28:13,22 30:17	171:18,19
56:12,21 58:1	authenticated	B	85:3	172:23 173:14
62:22 119:2,5	108:20 177:7	<b>B</b> 52:22 219:20	beginning 62:15	181:18 182:10
124:19,20	179:3 216:15	back 9:13 20:25	141:3 181:25	184:13,14
141:20 157:11	authentication	25:17 32:1	201:8 213:10	185:25 186:3
161:1 185:23	216:13	37:12 38:17	<b>begins</b> 10:15	187:2,10
186:4,21	authority 19:12	40:24 48:9	36:2	189:18,22
198:19	25:4	72:3 79:25	<b>behalf</b> 4:1,4,7,10	192:19 200:3
<b>auditor</b> 16:19	authorization	99:22 103:13	4:25 14:1 27:5	200:14,16
28:21 44:6,25	46:4,14 48:17	106:25 112:5	<b>belief</b> 81:2 120:3	203:2,8 205:15
45:4 55:23	53:8 70:9	137:6 146:6,9	123:12 152:20	205:16 209:5,6
72:20 115:13	71:24 82:13,18	147:25 170:7	161:25	210:2 212:22
129:12,15	83:1 87:15,20	189:21 194:6,8	<b>belies</b> 16:14	213:15 214:5
157:18 159:18	87:24 88:1,17	197:17	believable 193:8	215:7,8 216:5

216:9 217:25	breakdown 65:2	162:17 174:10	120:15,20	145:15 217:7
218:2	breaks 49:14	184:10 193:9	122:4,6,9,14	217:13,19,21
<b>believed</b> 150:13	<b>Brewer</b> 1:25	196:12,13	123:20,23	<b>B-U-C-K</b> 41:23
211:15	<b>Brian</b> 23:22	219:2,19,19	124:2 127:19	
believes 39:13	80:7,13,14,15	Buck's 7:10,20	136:12 138:1	<u> </u>
129:9	219:5	7:21 8:12,21	138:19 139:13	<b>C</b> 2:1 3:6 54:12
<b>bench</b> 64:17	Bridge 100:1	9:3 89:10	140:1,22 141:1	219:22,23
67:11 110:5	<b>brief</b> 21:16,22	135:2 198:17	141:19,24	calculate 207:5
113:22 203:6	22:5,13,17,22	<b>budget</b> 95:7	142:19 143:1	calculated 84:22
<b>best</b> 63:5 81:1	30:7 40:5,5	118:12	143:20 144:17	103:25 108:13
120:2 123:11	103:3,4 146:6	budgeted 14:10	145:22 146:3,5	131:10 155:17
136:17 150:3	178:4 179:14	18:2,18 33:20	146:9 147:13	calculation 24:2
150:13 152:19	203:11 216:21	<b>bunch</b> 168:7,12	150:22 152:3	36:8,12 37:19
161:25 171:24	217:8	194:3	152:11,24	191:18
<b>better</b> 30:8,12	briefing 216:9	<b>burden</b> 31:22	153:8,23 154:2	calculations
139:5 193:11	216:17 217:12	burdensome	158:4 160:2	14:2 47:8
206:25 207:6	217:16,18,23	71:21	165:17 166:5,8	138:16 165:22
<b>beyond</b> 7:19	218:9	Burton 1:17 3:7	170:6 173:3	167:17,20
113:21 138:14	briefly 43:12	4:4,10,15 6:6	175:19,22	calendar 213:14
155:20,23	115:6 154:3	7:8 8:4,11 10:4	176:13,23	California
<b>bias</b> 199:2	192:2	10:19 11:5,10	177:2,8 179:9	210:18,23
bifocals 77:1	briefs 217:24	12:24 13:14,21	179:12,18	212:3,18
<b>big</b> 141:15	<b>bring</b> 11:1 15:12	14:22 15:6	180:20,25	<b>call</b> 41:12,14
195:25 206:13	74:17 172:16	20:13 27:2	181:6,15,22	64:6 71:2 76:2
billing 56:2	188:12 204:20	37:11 41:12	182:7 183:10	80:6 119:11
<b>bingo</b> 22:22	bringing 59:18	42:14 43:5,9	183:14,17	122:13,15
<b>bit</b> 30:18 114:6	60:18 172:3	45:20 54:9	184:1,10,18,21	126:16 129:16
115:9 126:9	205:11,16	60:13 64:17,21	185:14,25	148:8 159:12
146:13 214:11	<b>brings</b> 9:12	65:6,14 67:8	186:6,11,20	183:2 188:17
215:16	broad 51:6,8	68:14 69:15	187:6,14,21,25	called 127:10
<b>blank</b> 56:7	71:21	74:10 78:5,8	188:20 189:20	138:12 159:8
<b>bonus</b> 142:11	brought 32:1	79:2,7,12,18	190:10,16	181:18
196:17	66:18 196:5	80:3 81:10,15	191:25 192:6	calls 150:25
<b>booked</b> 99:3	200:16 206:14	81:18 83:12	193:15,20	cap 191:8
<b>boots</b> 72:20	207:10	88:21,24 101:3	195:3 200:19	capability 63:3
<b>borne</b> 15:18	<b>Bruno</b> 210:18	101:6,17 102:1	202:5,7,10,21	<b>capable</b> 180:5
borrowed 76:25	210:23	102:7 103:1,15	203:8,16,21,24	<b>capital</b> 169:19
bottom 44:4	<b>buck</b> 5:10 6:11	103:21 104:1,4	204:4,10	190:18
89:15 90:4	6:19 7:2 11:22	104:24 105:12	207:25 210:1	capitalization
147:10,10	41:15,23,24	105:15,17,20	210:21 211:10	196:16
156:11 160:6	42:10,18 43:4	105:23 106:22	212:13,22	capitalized 132:13
160:22	43:15 45:24	107:17 108:3	213:22 214:1,9	
<b>bought</b> 117:11	60:4,9 88:15	108:25 109:6	214:17,20,25	<b>caption</b> 7:24 <b>care</b> 6:6 57:8
Box 2:10,17 4:8	91:10 101:9	109:16 110:2,6	215:2 216:2,16	135:7,9
Boy 56:13	109:23 112:11	110:8 111:3	217:4,11	<b>Carle</b> 62:1,3
<b>break</b> 78:9,10	141:14 143:22	114:5 115:5	218:12,14	134:19,20
80:2 146:8	152:1,9 160:12	119:10 120:12	<b>business</b> 145:13	134.17,20

	_	_	_	_
135:20 136:3	133:7,11 134:8	126:16 132:25	109:4 127:14	151:5,10
147:13 148:24	134:9,16 135:7	133:4 137:2	128:17 129:2	219:13
Carle's 147:14	135:9,13,14,22	142:6 143:11	130:15,18,21	<b>chart</b> 190:20
147:17	136:23 137:7	145:9 147:12	145:9 158:23	191:4,16 200:4
case 5:15 7:1,6	137:10,12,14	149:17 150:17	161:7 164:12	200:6,9 212:7
9:19 11:18	137:15 138:22	150:19 154:17	certified 55:17	charts 200:18
12:16 13:10	138:24 140:13	155:18 156:7	185:6	check 58:23
14:9 15:2 16:5	140:19 142:11	157:19 159:16	certify 40:8	84:21 91:25
16:11,22,22	143:6 147:23	159:19,23	185:3 192:8,13	92:19 94:16,19
17:6,14,14	148:24,25	163:21 165:3,5	cetera 87:7	99:18 105:9
18:13 19:16	149:12,15,17	174:13,14	105:2	109:5 111:21
20:5,11 21:2	150:10,13,14	175:2,3 183:7	chairman 1:20	111:21 197:19
21:12,16,17,22	151:12 152:2	186:15 189:21	12:17 17:21	197:19
22:5,9,13,17	152:10 153:9	202:19 204:17	18:5,12 19:11	<b>checked</b> 91:22
23:7,17,22,23	154:9,24 159:4	204:19	19:19 20:12	111:13
25:1 27:7,10	159:8,9,10,11	casework 85:2	24:9 25:16,24	checking 138:13
27:12,18 28:1	159:15 160:10	128:11	26:1,19 27:1	138:14
28:3,5,8 29:13	160:18 161:10	Cassidy 61:25	29:5 32:4,11	checks 188:16
29:17 30:9	162:6,12,13,15	72:17 84:13	32:15,25 33:3	chief 15:2 151:8
31:20 32:12	162:21 163:4,8	<b>cast</b> 91:14,18	33:6,13,25	<b>choice</b> 52:7
37:4 39:14	163:14,19	92:3,4 93:9	34:9,14,17,25	<b>chose</b> 87:1 116:6
40:3,12,18	164:25 172:8	95:24 96:3,8	35:9,17,22	116:7,23
41:25 42:19	174:6,7,21,23	96:12 97:12	36:25 37:7,14	Chuck 57:1
45:12,16 51:21	175:15 196:4,9	211:20,21	38:5,15,23	churning 75:18
52:5,15,19	196:19,20	categories 10:9	39:14,21 40:4	circumstance
53:4,22 55:2,5	200:2 201:2	49:10 51:6,8	40:13 64:18	99:1
58:19,21,22	204:16 205:25	86:9 87:6	chance 175:10	circumstances
59:3,17 60:2	210:12,15	116:8,11 179:3	<b>change</b> 1:11,14	99:2
60:23 62:1	212:4	category 116:12	3:15,19 17:16	citation 40:6
63:12,24 64:7	cases 3:13 17:11	178:9	23:11 36:5	<b>cite</b> 110:18
66:20 67:6	19:6 20:8,8	caught 78:15	55:9 151:21	111:18 114:25
68:20,21,23,23	21:4 23:24	cause 122:25	152:15 153:14	<b>cited</b> 35:19
70:19 73:10,10	25:5,9 28:23	212:18	changed 21:11	114:10
73:11,12 75:23	28:23,23 39:10	caused 23:19	changes 42:2,21	cites 112:22
76:4,9,11	40:18 43:18,20	80:14 86:20	80:22 119:23	citing 110:23
77:19,20 80:15	44:1,17 57:19	111:23 113:13	123:8 151:15	112:6 113:1
82:21 83:25	58:3 59:1	151:11	151:17 152:13	114:16
84:2,10,10,11	60:25 61:23	causing 201:23	changing 218:1	city 1:8 2:11,18
84:12 85:12,13	62:22 68:25	<b>CCR</b> 1:25	characterize	3:11 4:9 99:19
85:14 87:21	72:7,12 73:16	<b>cell</b> 4:17	155:3	100:1,4,7
88:10 89:6	75:12,12,13,19	certain 26:10	<b>charge</b> 172:9	118:17,24
99:5,6 119:21	75:20 77:18	82:25 86:8	192:12	161:1 188:6,9
123:2 124:22	78:18 88:7	140:7	charged 169:18	188:17
125:11,19	91:25 121:20	certainly 10:2	<b>charges</b> 131:20	<b>claim</b> 113:12
126:20,22	123:1 125:12	24:20 25:15	169:20 201:22	142:11,17
127:9,15	125:16,18	30:10 33:4	Charles 4:20	187:4
129:22 132:23	126:3,6,7,9,13	63:10 108:8	110:1 150:25	claimed 111:17
		I	I	I

[				
138:9 140:18	<b>come</b> 12:11,18	commissions	17:25 18:9,24	38:7
215:6	37:12 79:25	20:16	19:1,3 23:15	components
claiming 22:8	142:6 145:20	commission's	28:17 52:23	131:10 209:22
49:24 111:8,23	149:17 197:21	3:11 16:1	53:13 54:13,20	compromise
113:10,19	<b>comes</b> 26:13	17:17 19:14	92:2 100:19	60:12
114:11,20	74:16 168:22	25:3 28:4	113:25 195:11	computation
claims 28:15	191:23 200:12	29:11 30:14	195:15	14:13 78:19
111:12 113:11	200:21	31:7 35:14	comparable	84:20
201:17	<b>comfort</b> 141:16	46:17 76:14	102:24 190:1	computer 78:3
clarification	coming 44:22	112:23	<b>compare</b> 102:22	conceivable
120:9 166:8	comments	committed	103:7 111:22	141:10
177:10	136:12	176:11	114:9,19,23,25	concentrate
<b>clarify</b> 156:20	commission 1:3	<b>common</b> 124:18	129:22 189:7	128:12
217:11 218:8	2:16 3:12 4:6	communication	compared 16:22	concept 18:14
clarifying	11:1 15:10,17	197:14	114:15 134:13	61:4 66:19
139:16	17:18 18:15	companies	201:14	<b>concern</b> 12:24
class 56:12	19:13,18 20:15	75:18 126:24	compares 10:12	13:6 206:1
classes 56:14	21:10 24:12,24	140:25 145:13	comparing	215:9
classified 184:3	25:11 26:10,12	company 1:11	21:15	concerned 24:1
184:7	26:14 27:4	1:14 2:3 3:15	comparison	183:19
<b>clear</b> 24:23 31:7	28:6,24 30:2,7	3:18,24 4:1	11:5,12	concerning 5:16
182:20 183:3	30:11,15,18	24:11 25:19	compensation	25:21 41:6
<b>close</b> 24:7 74:18	31:5,11,16,18	26:11 28:9	169:21	176:17 215:5
77:2 155:7	32:5,6 36:4	34:3 46:20,23	competition	concerns 7:9
171:19 172:5	37:4 38:6 39:2	47:17 52:7,10	62:25	61:20 98:24
184:20 209:16	39:5,7 40:8	53:18 54:22	complete 29:23	162:16 181:1
<b>closed</b> 65:1	41:4 46:8	56:3,3 57:23	29:24 44:8	<b>conclude</b> 146:10
147:7	63:16,17,24	82:14,20 86:10	45:1 61:12,21	concluded 159:5
<b>closer</b> 58:6 76:5	69:20 75:14,24	86:18 87:2,15	74:13 117:13	203:22
closest 156:4	111:18 130:25	91:3,21 98:23	126:12 158:24	concludes
code 92:22	135:20 136:21	100:10,11	161:9 171:17	150:23 212:23
96:20,24,25	182:23 201:3	102:5,14	202:3	212:23
105:2 110:11	202:18 203:16	103:23 107:22	completed 22:8	conclusion
110:12,14	Commissioner	111:8,12,17	36:22 50:24	103:16,22
113:12	40:14 41:11	112:19 114:10	51:1,10 64:23	153:10
codes 110:18	64:20 65:15,18	117:13 119:1,4	90:7 181:24	condition 92:9
111:15 112:18	66:9,14,22	121:8 130:9	completely 60:5	94:21 179:14
112:22 113:24	67:7 68:18	133:7 138:9,16	<b>complex</b> 180:6	conduct 73:2
113:25 114:3,3	76:22 189:2,6	139:2,10,15	compliance	115:17 208:19
114:7	189:14,16	140:4 142:1,7	34:15,22 40:9	conducted 56:17
collection 89:3	190:17 191:2	142:11 145:17	53:24 113:18	56:19
<b>column</b> 118:12	191:10,13,20	155:6,13 159:8	compliant	<b>conducts</b> 133:15
169:15 170:12	191:24 200:4	170:24 185:3	110:19	<b>connect</b> 94:17
170:14	200:17	185:15 187:19	complicated	connected 11:7
<b>columns</b> 113:15	commissioners	197:1,3 204:25	116:2,5	<b>consider</b> 26:17
combined 67:22	1:22 14:15,23	210:9	complied 26:23	26:21 126:19
82:22 213:24	20:19,22 24:6	company's	complies 33:12	127:12 138:3
	I			I

144:9 185:13	contradiction	95:18,19 97:8	83:4 93:5	109:22 137:19
198:10 200:20	156:12	97:9 99:16	95:17 100:13	142:21 146:17
202:14	contrary 27:14	106:11 107:3	100:14,16,17	151:9 166:9
considerably	32:17	112:19 115:14	103:9 116:13	counsel's 21:11
140:17	contravene	117:4 118:21	131:9 132:7	21:15
considered	12:12	118:22 120:2	135:11 139:1,4	counted 175:8
157:1,8 175:6	controversial	120:12 121:9	139:6,11	<b>couple</b> 24:10
181:13 182:25	148:17	123:11 128:24	148:12,15	166:1 207:19
considers	controverts	129:21 130:14	169:18 175:14	course 20:7
156:21	153:18	130:15 134:16	190:6,9,23	90:10 103:5
consistent 20:2	convention 19:8	134:17,21,22	191:15 194:2	118:24 126:17
26:3 27:21	19:23	136:7 140:24	195:17 196:6	134:2 139:3
30:21 32:24	conversation	144:7 148:25	196:15,21	145:15 150:13
39:8 40:24	71:9	149:7 154:13	201:7 209:23	209:21
110:23 140:20	<b>convert</b> 130:8	154:14 155:21	<b>costs</b> 5:18 9:4	court 214:7
160:23	convey 144:12	161:7,12,16,23	10:10 11:7,11	<b>cover</b> 10:8 68:9
consistently	convinced 17:13	161:24 162:1	20:9 22:4,14	<b>covered</b> 68:10
40:16 210:12	cooperation	163:22 166:16	28:2,7,15 30:3	115:23,24
constituted	15:21	167:8 170:20	31:25,25 35:6	<b>CPA</b> 28:22
140:16	<b>copies</b> 48:2	172:13 173:11	35:7 65:24	57:15
construction	70:12	174:19 175:9	66:1,11 67:3	<b>CPAs</b> 198:21
54:25 117:13	<b>copy</b> 46:10	179:24 180:8	67:16,24 68:1	<b>create</b> 112:6
132:20 174:1	52:20 74:14	180:22,23	68:3,4 69:4	criteria 26:16
185:5 195:15	108:1,4 117:16	186:9 194:14	83:6 87:20	87:10 95:15
195:19	160:8 197:19	194:22,23	91:7,8 99:2,5	140:11 147:20
consumers	corporation	198:25 199:3,7	100:12 111:7	<b>cross</b> 43:8 81:14
10:24,24	23:10 37:17	202:12 203:3	116:18 130:8	81:16 107:18
contacted 91:3	38:8	204:11 205:13	135:5 138:9	120:19 122:12
116:3 118:17	correct 18:4	205:14 206:19	139:9 148:17	124:1 203:20
contain 22:1	39:5 46:3 47:4	corrected	155:15 156:22	210:3
131:16	47:5,9,11,15	136:24	157:4,6 158:18	cross-examina
contained 81:5,6		correction	163:5 169:17	43:13 45:22
120:6 123:14	50:10,12,17	130:11 152:12	169:21 174:1,9	81:20 83:14
contemporane	51:22 52:8	153:16,22	185:4 196:18	120:23 124:4
19:25	53:1 54:15	corrections	197:10 200:1	127:20 135:24
contents 131:5	55:11 59:8	80:22 119:23	201:12,18	154:1,4 158:6
<b>context</b> 47:22	61:13,14 62:12	123:7	210:8 211:13	219:3,4,6,6,9
127:10 147:23	63:9 66:1,2,11	correctly 44:10	212:9,10	219:11,11,14
<b>contexts</b> 148:18	67:17,18,25	84:22 103:25	counsel 2:9 4:11	219:14
continue 15:17	69:2 71:6 72:7	117:2 138:15	4:13,21,24 5:4	cross-examine
97:25 186:6	72:8 75:3	<b>cost</b> 22:13,21,23	21:4,16 24:11	202:15
208:12	76:12 77:9,10	28:15 29:20	27:6 36:10	cross-examined
continuing	77:21 81:1	30:6,22 34:23	37:21 59:16	61:10
192:12	83:10,20,22,23	36:18 47:24	62:20,21 65:19	CSR 65:19
<b>contract</b> 196:17	84:24,25 86:19	48:11,23 49:11	66:9 69:25	current 165:3
contracted	88:2 89:20	50:3 65:21	70:3,25 71:1	181:14 198:1
117:12	93:6 94:4,10	74:20,21 76:2	107:12 108:4	currently 146:5
	I	l	l	I -

165:13 176:18	dates 52:17 90:3	15:11,12 21:2	<b>depth</b> 139:24	determining
190:11 204:25	91:2,5 98:21	23:1 121:19	describe 56:23	26:22
213:4 217:23	99:9 164:15,19	125:22 162:10	131:4 137:15	detriment
customer 76:5	169:16 170:19	deciding 121:16	138:3 214:22	209:18
customers 12:21	173:18 181:2	decision 16:1	described 38:16	detriments
27:8 63:22,25	182:1 195:21	23:2,9 63:6	62:10	181:21
64:1 94:17	197:6	139:2,8	describes 94:3	develop 205:16
139:5 201:21	David 13:25	decisional	describing	developed 74:15
customer's 63:9	23:25	138:25 139:1	106:17	74:16,24 161:5
<b>cut</b> 174:1 208:21	day 11:12 28:17	decisions 25:3	description	161:19 172:3
<b>cutoff</b> 154:21,23	31:23 108:23	decreases 157:6	29:20 30:5	developing
·	109:25 201:7	deferred 59:1	36:20 89:25	30:19
D	210:13 213:18	61:5 73:5,15	90:1 93:21	development
<b>D</b> 3:6 54:19	216:16 217:7	74:17,24 75:5	95:2,8,21 97:7	205:22
219:20,21	217:14,19,19	76:16 77:6,16	97:16 103:3,4	deviated 66:25
danger 12:10	217:21	142:9 154:19	103:6 117:24	deviation 66:15
dangerous	days 6:14,15,16	155:1,5,12,25	118:7,12	devices 4:18
10:21	9:16,20 10:10	156:17 172:4	131:13 147:3,5	<b>devote</b> 204:18
<b>DANIEL</b> 1:20	11:18,23 18:17	172:17 204:21	169:11 178:3,4	dictates 128:15
<b>data</b> 12:20 40:1	22:16 27:19	205:19 209:8	178:7	difference 20:23
70:20,24 71:15	66:5 128:6,9	209:15	descriptions	28:1 138:20
73:23 74:1,3	128:13,16	degree 55:21,22	144:21	195:12
74:12 126:23	158:10 166:1	131:2	design 14:2,13	differences
126:25 127:1	171:13 187:16	delay 23:18	24:1 78:19	130:3,4
165:18,19,25	187:22 188:2	delivered	designation	different 5:14
166:4,10,11	189:12,18	108:22,23	103:8	27:12,13 30:4
167:15 180:1	201:6 206:21	demands 55:11	designations	30:23 53:24
180:16 181:5	207:7,14	Depending	105:7	64:2 95:15
187:20 188:21	208:12,13,20	109:16	designed 154:11	96:1,7 112:22
188:23 189:1	208:24	depends 141:7	<b>detail</b> 29:16 72:2	113:1,10
194:16 195:20	<b>deadline</b> 9:20,21	194:1	detailed 103:6	117:18 129:25
196:22 197:1,4	13:17 153:11	depiction 155:9	144:1,2	142:2,7 181:23
197:5,7,8,9	<b>deal</b> 38:24	depreciation	details 144:3	183:8 184:9
199:3,4,6,25	169:16	58:6,14,25	deteriorated	189:6 196:16
date 52:17 58:7	deals 157:19	59:19 60:19	92:8 94:21	199:16,19
74:19 82:3	debriefing	61:5 73:6,15	determination	214:12 217:5
90:22 98:13	213:17	74:18,25 75:6	24:17 138:8	differently
132:1 154:21	<b>debt</b> 54:14,14	76:15 77:6,16	determinations	129:9 149:18
154:23 155:8	December 34:8	138:18 142:12	171:8	217:6
155:21,24	34:24 68:4,11	154:18 155:1,5	determine 26:8	differing 5:13
156:3,5 159:14	106:13 141:4	155:11 156:1	26:12 50:19	difficult 54:6
164:23 170:22	170:18 181:25	156:17 170:13	53:18 89:22	144:22 171:14
172:6,18 185:6	182:1 188:3	172:4,16	90:22 118:18	171:16 187:15
185:7 188:14	190:1,12,13	178:14,16,18	139:17 164:13	207:12,13
195:23 197:2	207:20	204:21 205:1	164:17	direct 5:9 6:2,4
205:7 207:5	<b>decide</b> 184:1	205:19 209:6,7	determined	6:16,19,20,25
209:17 210:24	decided 9:23	209:14	140:4	7:12,20,21 8:6
1	I	I	I	I

		1		
8:12,15,19 9:2	131:16 137:3,3	21:21 22:2	207:9,10	duties 125:6
9:3,22,25	140:15 213:9	24:14 25:19,21	<b>doing</b> 22:6 44:20	
10:12,23 11:7	discusses 75:15	26:2 29:6,16	44:21 58:1,2	E
11:13 12:13	discussing 65:19	33:17,19,24	59:12 61:3,4	<b>E</b> 2:1,1 3:6,6
13:2 14:1,6	133:14 142:21	34:1,18 35:3,5	64:10 66:17	<b>earlier</b> 16:8
41:17,25 42:9	189:10	35:7,14,15	67:4,5 70:19	23:17 89:18
48:24 76:9	discussion 57:12	36:7,11,16	75:13 105:21	98:22 112:12
78:17 79:3,8	58:24 59:9	37:19,24 38:1	121:11,15	146:18 155:12
80:9,15,18	71:4,17,20	38:21 39:1,17	124:19 125:3	164:25
119:15,20	116:25 140:2	39:19 40:10	129:3,16	early 73:8 211:1
122:18 126:21	149:23	41:9 47:4	130:24 141:16	easement 53:12
151:2,11,24	discussions	51:20,20 69:22	171:19 176:4	easily 192:21
152:2,8,16	57:10 59:4,22	88:9 91:20	190:20,22	<b>easy</b> 69:11
153:1 154:6	136:3 137:18	99:8 102:15,16	192:16 206:6,7	education 8:1
158:8 163:25	160:11 162:7	105:10 117:15	206:8	<b>effect</b> 17:6 23:17
171:6 204:5	162:19	131:9 169:7	dollar 82:25	65:10,12 74:19
219:3,5,9,10	dishonest 199:1	173:17,19,22	132:12 141:13	98:25 130:6
219:13,19,20	dispute 56:2	173:24 174:9	141:15 194:7	150:2 155:8,10
219:20,21,21	165:23 174:12	179:7 180:13	210:13	156:4,5 162:19
219:22	174:16	181:16 182:24	dollars 27:18	164:24 173:7
directed 100:10	dissimilar 66:20	183:1,3,4,22	65:9 67:24	191:9 205:3,8
100:14 208:8,9	distinction	184:15,22,25	83:7 140:18	effective 18:16
directions 84:15	96:10 134:10	185:2,10	145:5 175:6	58:7 74:18
directly 5:24	138:25 143:13	188:15,19	204:24,24	effectuate 23:10
8:20 11:3,17	distinguish	192:19,24	205:5,6	<b>effort</b> 53:15
11:19 12:20	127:8	194:13 196:10	domain 52:25	efforts 52:23
20:3 31:2 40:2	distribution	196:15 197:12	100:23	53:14,17
72:13 144:5	118:8,13	198:11 212:1	<b>double</b> 74:20	128:12
202:18	District 21:6	214:4	155:13,14	<b>eight</b> 66:5 75:13
disagree 12:3	divided 201:3,6	documentations	175:8 205:4	<b>either</b> 10:14
167:19 179:1	division 54:24	132:6	209:18	31:2 37:5
disagreed 129:3	document 90:6	documentatio	double-check	40:11 51:21
129:13 137:16	98:9 104:14	199:7	109:2	52:4 87:9
disagreeing	106:16 107:9	documents	doubts 181:1	90:16 131:2
193:4	108:18 144:22	18:19 22:1	dozens 28:22	159:20 164:13
disagreement	167:22 168:12	47:7 48:5 52:4	57:17	172:2 174:2
129:16	170:3,8 173:4	52:4 85:25	<b>DR</b> 71:13	183:13
disbelieve	173:5 175:24	88:15 99:18	drawer 76:21	<b>electric</b> 148:14
184:15	176:18,21	104:12 106:4	drawing 56:7	electronic 4:18
discovery 71:4,5	177:5 178:25	143:14,15	143:12	<b>eleven</b> 70:23
71:6 165:6	179:4,22,23	145:16 164:21	dropped 172:9	eligibility 18:17
discretion 19:15	185:12 192:20	164:23 168:10	<b>DRs</b> 71:12	26:16,21 32:25
discuss 58:13	193:6,7,8,9	168:19 169:9	<b>due</b> 57:8 85:2	33:1 95:15
71:2 153:10	203:1 215:21	170:21 176:10	108:15 153:17	103:12 110:15
199:24	216:1,15 217:2	185:2 192:23	217:12,20,24	110:24 111:2
discussed 37:15	documentation	195:9 199:5,6	217:24	118:9 124:10
58:4 71:3	17:24 18:1	206:16 207:1,7	duplicative 63:5	138:8 147:20

	_	_	_	
171:9	<b>entitled</b> 177:14	108:19 142:15	excused 119:10	<b>expect</b> 27:12
eligible 25:14	entity 52:25	193:11 202:22	150:22 212:25	131:22 132:3,8
29:23,24 84:19	100:23 119:3	210:20 211:8	<b>exhibit</b> 3:1,1,2,2	132:14 144:25
89:19,23 92:12	197:12	evidentiary 1:6	3:2,3,3,3,4,4,4	expectation
98:8 103:19,24	<b>entry</b> 43:2	3:13 13:7	7:10 14:20,20	127:1
111:10 113:6	equipment 17:7	135:25	22:3 42:9,13	expectations
113:13 114:11	<b>Erin</b> 62:1,3	exact 27:9 67:3	42:14,16 43:3	140:13
117:23 118:3,5	Especially 25:9	172:19,22	43:5,7 44:4	expenditures
135:4 138:10	essence 6:19	180:1 199:14	78:12,23,24	28:10 90:9
139:18 141:18	19:11	exactly 6:5	79:2,8,12,14	110:19
142:18 182:17	essentially 7:18	11:24 18:10	79:14,18,21	<b>expense</b> 18:20
183:25 185:8,9	7:22	21:6,7,8,9 57:6	80:19 81:9,11	86:9,9,11 97:5
185:20	establish 36:5	60:4 111:1	81:12 88:23,25	169:19 170:13
eliminate 205:4	established	112:4,15 127:3	89:2,17 101:2	172:4,16
Emerson 20:17	125:8	170:9 177:11	101:3,6 106:21	178:18 205:1
20:20	estimate 93:11	186:14	106:23 107:19	expenses 5:14
eminent 52:25	93:17 160:17	Examination	109:6 112:6	18:19 27:19
100:23	183:11	41:17 68:16	117:16 120:11	33:20 90:4,11
employed 151:7	estimated 20:9	80:9 115:7	120:14,15,16	156:24
employees 117:7	33:20 93:5	119:15 122:18	123:7,19,23	expensive
employment 8:1	95:17 97:5	146:14 151:2	146:17,22	124:16
encourage 19:24	98:13 130:7	195:5 212:16	152:23,24	experience
33:21	182:25 183:6	219:3,4,5,8,9	153:1,3 176:15	55:20 61:22
ends 20:25	195:21 198:7	219:10,12,13	176:24 177:3	63:4 130:23
<b>Energy</b> 1:16	estimates 26:2,6	219:16,17	177:12 179:18	131:4 145:3
3:20 4:2 59:3	39:24 48:25	<b>example</b> 16:23	200:22 202:8	158:17
151:25 152:9	49:13,16 51:6	48:25 49:20	202:11,24	experienced
192:11	65:24 66:1	71:15 72:17	203:10,12	187:18 188:13
engagements	104:13 182:19	76:1 106:25	204:14 206:13	experiences
57:25	185:11,11	145:8 167:11	210:2 212:14	189:21
engineer 91:24	198:9	169:18 170:1	213:6,23 214:2	explain 44:12
115:11	estimation 85:4	170:17 195:14	214:9,10,15,21	93:12 102:7
enjoy 218:1	estimations 90:5	200:9 201:5	214:23 215:4,7	115:25 117:5
enlightening	104:15	exceed 191:8	216:3,5,17	126:8 138:20
8:13	et 87:7 105:2	Excel 102:13,17	217:1,12,15,17	150:2 195:11
<b>ensure</b> 74:19	evaluate 105:1	104:12,14	219:18,18,19	197:23 198:4
91:18 92:7	evening 166:2	169:2 170:22	219:19,20,20	200:5 206:2,3
94:16,19	evidence 7:6,19	182:2 206:17	219:21,21,22	209:9
114:23 171:8	8:7 10:23 11:2	exchange 145:4	219:22,23,23	explained
ensuring 33:12	12:6,8,11,23	147:11	219:24,24,25	191:18 203:7
entailing 131:9	13:7 26:17	<b>exclude</b> 12:23	exhibits 13:25	explaining
enter 3:22 38:8	27:11,13,13,20	excluded 12:7	101:7 151:13	132:7
entered 108:15	27:25 28:9	exclusive 33:3	203:17 213:2,3	explanation
177:7 202:1	29:17 30:3,12	<b>excuse</b> 7:10	214:20 219:17	52:23 54:20
<b>entire</b> 44:20	31:20,24 37:6	40:15 101:23	exist 54:25	98:19,24
53:11 108:7	42:10 43:4	163:24 190:13	existed 59:20	explosion
141:17	107:15,16,20	217:16	expanded 29:9	210:18,23,25
	l	I	I -	

	_	_		_
212:2,18	<b>fall</b> 174:14	federal 107:5	<b>filing</b> 7:5,12	127:24 151:21
explosions 211:2	false 12:6	feel 217:22	8:10,12 18:7	185:22 196:8
expressed 44:8	171:22	218:14	18:20 28:16	200:8 202:22
44:25 45:2	falsified 192:22	feet 93:22 94:6	34:10,21 35:1	fiscal 91:14
61:11 62:7	falsify 192:20	94:10,11,16	40:11 45:12	95:24 97:17
129:15 162:17	familiar 20:19	97:8	47:17 75:20	207:18
180:25	46:7 55:10	<b>felt</b> 14:6 171:25	126:21 154:16	<b>fit</b> 130:22
extent 25:5	57:5 72:25	<b>field</b> 145:7	171:14	five 57:20 86:25
56:14 105:8	109:1,3 145:11	figure 21:23	filings 14:8	86:25 87:3
125:11 135:10	157:12	25:20 206:25	22:22 26:15	98:3
139:20	far 7:16 13:15	<b>file</b> 1:10,15 3:17	126:13 144:20	<b>fix</b> 30:11 197:16
external 86:11	44:17 53:21	3:21 9:22,23	195:11	flag 148:8,23
117:15	62:22 75:14	13:19 14:7	<b>filter</b> 102:6,20	flags 148:11
<b>extra</b> 76:23	77:2 155:18	17:23 34:9	<b>final</b> 30:14	flawed 17:13,16
e-mail 109:22	179:15 182:1	35:2,2,5 37:23	31:18 208:25	focus 29:2 33:2
168:6,9 176:8	<b>fashion</b> 63:20	37:25 38:2,3,3	<b>finally</b> 15:23	36:15 158:17
179:6 215:12	67:6 115:2	38:11 39:14	142:24 178:18	<b>focused</b> 41:5
215:21 217:3	fashioned	45:15 46:23	financed 54:12	folders 199:21
213.21 217.3	144:10	43.13 40.23 75:23 79:22	financial 56:10	follow 13:12
F		107:22 133:3	56:11 207:17	
<b>F</b> 167:11	fast 32:9			49:19,21 94:3
<b>face</b> 164:14	Featherstone	153:11 171:15	<b>financing</b> 54:16	109:15 127:24
166:25 168:6	129:19	<b>filed</b> 4:21 5:9	<b>find</b> 31:17 33:4	176:11 208:11
168:13 180:3	<b>February</b> 9:13	6:25 8:15 9:13	39:15 48:22	<b>following</b> 36:13
181:19 195:15	10:1 17:1,3,7	9:25 12:14	50:3,21,24	47:8 111:12
196:8 198:12	29:19 30:3	13:2,3 14:1,6	86:14 103:3	186:4
200:2 201:15	31:25 34:4,7	16:25 18:11	142:14,15	<b>follow-up</b> 38:15
facets 156:18	34:10,21,24	29:6,25 30:2,4	172:19,21,22	71:12 72:1
facilitate 97:19	46:25 48:11,17	30:7 31:14	194:5,7 201:18	91:3 99:7
97:21	49:4,9 51:4,14	32:2 33:17	212:10	110:21 115:9
	64:24 65:1,4	34:3 37:1,3	finding 31:18	footnote 23:14
<b>fact</b> 10:10 16:8	66:4,7 67:16	39:1,7,19 41:4	41:6	forced 150:8
16:25 21:13	67:19,21,22	41:24 42:18	<b>finds</b> 38:6	forego 59:21
30:1 38:5	69:3 84:23	45:9 66:5 76:7	<b>fine</b> 13:14 37:11	forget 62:2
44:14 57:1	98:16 102:4	78:17 84:23	49:22 167:18	<b>form</b> 5:3 10:2
71:16 73:13,18	104:2,13,16,18	85:5,12 102:10	175:19 186:14	202:19
137:17 138:10	104:20 106:14	121:20 123:2	202:9 204:2	<b>forma</b> 126:23,25
147:16 158:21	108:12 109:23	126:22,23	<b>finish</b> 204:5	formal 63:20
158:25 171:3	111:7 164:5,10	150:16 151:11	<b>first</b> 15:8 29:1,3	format 104:12
186:14 191:17	166:15,21	155:6 156:2	29:13 30:16,18	108:18 206:17
facts 107:15	167:3 168:8	159:8,9,14	41:13,22 46:7	<b>forms</b> 46:14
176:2 210:20	173:9,10,15	164:5 169:3	46:20 47:20	131:24 132:4
211:8	177:15 180:10	185:19 186:9	58:19,21 60:23	132:10,16
<b>failure</b> 181:8	180:17 181:8	198:8 205:24	60:25 64:7	<b>forth</b> 11:16
<b>fairly</b> 24:23	182:5 185:17	206:1 208:20	67:12 80:5	17:22 66:24
75:10 137:12	186:10 198:8	files 36:4 37:17	81:16 89:21	161:6,22
148:21 192:18	205:12 207:3	39:11 46:20	90:13 92:14	forward 16:3
fairness 9:18	208:20	69:20	93:16 115:15	59:18 60:18
	I	I	I	I

61:4,5 172:4	furthers 25:15	getting 11:24	199:4,22	83:16,17 88:13
172:16 204:20	<b>future</b> 97:19,22	109:3,4 125:25	202:22 204:1,4	120:25 121:1
205:11,17	183:7	130:12 168:12	216:4 218:16	124:6,7 127:22
<b>found</b> 31:18		168:14 174:9	218:17	127:23 187:7
43:24 74:2	<u> </u>	give 16:22 43:22	goals 84:18	208:15 212:4
76:21	<b>G</b> 3:6 219:19,19	44:15 48:4	89:18	gotten 53:21
four 7:22 9:23	gallery 136:9	51:23 52:16,20	goes 10:16 12:20	governing 30:20
17:2 32:2	game 63:19	53:5 58:8	13:15 14:12	government
57:21,21 97:2	<b>gas</b> 1:11,12,14	60:11 63:16	31:9 36:10,14	100:22 119:3
164:9 202:6	1:16 2:3 3:14	68:5 70:15	145:22 155:10	GO-2009 58:22
214:4,9 219:25	3:16,18,20,24	90:8 109:7	181:20 205:8	77:19
<b>fourth</b> 22:14	4:1,2 23:10	114:5 141:16	going 5:18 9:18	GO-2011-0361
<b>frame</b> 38:2	27:7 36:4	170:17 196:6	10:7 13:9,18	210:12
44:23 45:1	37:16 46:20	215:16 216:18	18:25 20:21	GO-2015-0178
125:3 128:19	59:3 69:19	216:23	24:9 29:8 30:8	44:24
128:20 190:8	113:17,18	<b>given</b> 7:14 17:4	38:17 48:2	GO-2015-0179
210:16	114:9,9,12,22	23:6 84:15	53:20,23 54:9	44:24
<b>frames</b> 31:5	115:11 121:8	107:24 124:13	59:5 60:3,14	GO-2016-0196
44:9 61:13	151:25,25	139:23	62:16 68:19	3:17 79:19
Frankly 70:21	152:8,9 159:7	gives 170:24	70:13 78:9	80:16 123:3
<b>Friday</b> 217:6,21	159:14 162:12	<b>giving</b> 11:18,18	107:21 109:6,7	GO-2016-0197
friends 20:25	162:14 167:2	19:25 157:17	110:25 111:3	1:15 3:21
<b>front</b> 37:10	192:10 210:10	157:21 215:15	112:6,16	79:22 119:21
101:13 146:23	210:18 219:18	GL 87:5 116:8,9	113:20 114:5	123:3
<b>full</b> 56:1 74:13	gears 55:9	glance 101:25	136:13 137:6	GO-2106-0196
128:13,16	<b>gee</b> 69:10	glasses 76:21	142:5 145:19	1:10
133:8 187:16	general 24:24	168:23 169:12	145:24 151:21	<b>grab</b> 35:24
199:23 207:7	25:1,4 103:4	Glenn 41:14,22	152:22 153:3	grant 26:10
functions 56:15	116:9,10	41:24 42:9,13	156:19 167:8	granted 143:20
fundamental	124:21 127:14	42:18 43:4	168:22 175:23	144:17 160:2
24:15	129:22 135:12	109:22 112:11	179:12 183:6	173:3 175:22
<b>funded</b> 54:13	138:21,24	152:1,9 219:2	189:20 195:7	187:6
<b>funding</b> 118:7	147:23 148:23	<b>go</b> 3:7,8 5:1 16:3	200:11,19	graph 202:19
178:5,7	150:8 198:19	17:5 23:17	201:22 202:13	graphs 202:11
<b>funds</b> 132:19	205:8	25:17 31:1	202:23 203:10	214:4 219:25
195:14	generally 56:20	49:1 54:9 59:7	207:22 209:2	grasp 15:4
further 35:14	56:25 57:5	60:14 61:22	212:9 213:15	great 38:24
77:25 83:11	88:7 131:8	75:9 91:7,25	214:1 216:22	Grisham 23:23
118:6 119:8	135:12	101:13 102:19	217:5 218:16	62:5 119:13,17
122:3 127:17	generating	112:5 119:3	<b>good</b> 17:21	119:19,21
142:20 146:2	148:14	130:6 145:7	19:17 24:9	120:25 122:7
155:2 158:2	generation	146:6 153:6	29:12 30:10	143:10 219:8
180:18 193:13	20:22	155:8 156:4,5	32:4 37:13	219:21
194:8 195:1	generically	159:9,10 162:4	41:19,20 43:15	Grisham's
204:6 210:5	112:16	167:8,16 169:5	43:16 45:24,25	120:10
212:16 219:16	gentleman 62:2	170:6 183:13	60:1,12 62:24	ground 72:20
212.10 217.10	gentlemen 218:2	194:6,8 199:1	77:1 81:22,23	145:4

			-	-
<b>group</b> 53:7	106:4 109:10	held 84:19 203:8	57:14 62:1	31:14 88:12
growing 28:11	117:17 146:16	Hello 121:4	68:25 71:5,18	205:2
GR-2015-0025	handing 177:13	helped 205:16	73:18 74:14,23	impose 38:9
159:8	handle 16:7	helpful 109:21	110:1 124:23	imposed 55:11
GR-2015-0026	180:14	166:3	128:23,25	impossible
162:5	handled 40:1	hey 197:15	129:8,10,14	28:18
guess 32:21	handout 28:24	212:8	133:14 136:19	imprudent 33:5
33:14 40:19,23	30:13 35:21	high 75:17	137:13,16,21	212:8
43:23 48:2	<b>Hanniken</b> 62:1	148:11 158:25	147:15 149:24	inability 44:8
61:22 62:15	happen 41:7	highest 210:13	150:4,14,16,25	61:11
63:2 67:15	211:22	210:14	151:5,10 153:1	inappropriate
93:5 108:12	happened 8:11	highly 145:6	153:15,25	60:5
111:11 127:8	145:9 150:2,15	historical 76:4	154:6 157:25	inch 93:25
128:1,14	186:15 196:1	history 7:25	158:8 179:6	incidents 211:6
144:10 156:11	201:11 211:17	23:15 44:21	180:20 192:5	211:14
194:18 195:8	happening	75:10	202:11,15	<b>inclined</b> 217:22
194:18 195:8	41:10	holding 174:2	202:11,15	218:15
guidelines	happens 102:2	honestly 41:2	212:25 213:6	<b>include</b> 7:23,25
138:11	hard 63:14	43:22	212:23 213:0	16:17 21:21
<b>GW</b> 70:11	head 89:13	Honor 3:25	219:22,23	22:12,14 29:19
<b>GW-1</b> 70:11	142:5 216:20	12:11 15:9	<b>Hyneman's</b> 5:6	33:19,24 34:4
G-L-E-N-N	header 95:8,23	37:8 67:9	6:22 11:10	34:12 35:8
41:22	96:12	76:20 78:7	22:20 125:11	36:11,13 37:24
G-R-I-S-H-A-M	heading 179:2	79:6 81:17	137:7 214:6	45:13 47:7,15
119:19	headquarters	105:18 107:18	hypothetical	47:18,24 52:10
117.17	162:18 188:9	103.18 107.18	136:25	60:22 61:1
H	196:11	120:10,18,22	130.23	82:21 131:12
half 17:8 61:4	hear 15:8 31:20	120.10,18,22	I	131:19 132:1,6
65:9 67:23	136:10 193:19	158:5 173:2	<b>Iatan</b> 57:24	132:12 155:11
76:24 97:10	199:11 202:23	175:18,21	idea 43:20 73:17	156:23 181:8
131:1	207:24 211:24	178:24 179:20	73:19 164:8	182:19 208:9
halfway 171:15	heard 181:15	193:16 202:13	172:3 173:16	216:10
HALL 1:20			205:16	
17:21 18:5,12	210:24	210:4 honored 138:24	identified 64:22	included 29:10 32:19 34:11
19:11,19 20:12	hearing 1:6 3:10		108:20 178:25	
24:9 25:16,24	3:13 9:21 13:4	<b>hope</b> 30:11 40:6 109:17	identify 89:1	39:16 40:10
26:1,19 27:1	13:8 14:24		105:3 114:6	61:25,25 73:13
32:4,11,15,25	23:7,19 40:5	Hopefully 175:4	166:9	89:6 104:4,8 104:13 105:4
33:3,6,13,25	40:12 42:15	house 121:8	<b>impair</b> 70:18	
34:9,14,17,25	43:6 60:7 79:7	housekeeping	impeachment	107:8,13
35:9,17,22	79:12,20,23	13:23 79:13	179:10	111:14 116:18
36:25 37:7	80:3 81:12	213:1 Hypomon 4:21	implement	132:15 133:21
38:15,23 39:14	120:16 123:23	<b>Hyneman</b> 4:21	30:20	134:15 142:16
39:21 40:4	153:10 213:10	6:17 7:17 8:4	<b>implicit</b> 35:10	150:17 156:8
64:18	217:5 218:5,15	8:13 12:3	important 9:12	157:5 159:6
hand 179:16	218:18	21:13 28:20	10:23 12:20	163:5,11 168:8
handed 89:2	<b>hearings</b> 126:14	33:22 43:25	27:25 28:4	168:10 169:6
nanucu 07.2	hearsay 207:23	44:6 45:4,6,15	21.23 20.4	169:20 174:23
	•	•	•	•

175:1,2,7	57:20,23 73:13	161:18 162:24	instruction 84:9	117:11 121:24
182:16 189:25	75:1 146:22	163:2,3,5	insufficient	<b>involve</b> 130:19
196:2 197:10	147:13 164:17	164:13 168:1	158:15 163:2	involved 28:21
208:4,25	180:5	169:1,2,14	integrating	31:7 41:1
209:12 214:5	indicates 96:22	170:24 175:11	160:15	43:17 44:2
includes 18:2	117:22	180:10 181:9	integration	45:6 55:3,4
26:5 29:1,15	indication 53:9	182:4 188:20	160:14	58:2 83:21
106:12 109:25	53:13,15 89:24	188:23 196:13	integrity 154:11	85:25 86:1
156:6 197:12	118:2,4,9	198:25 202:14	156:13	130:22 131:2
209:14 214:10	indications 53:6	202:18	intend 97:23	158:23 163:18
including 26:2	individual 54:17	information's	intent 25:10,12	216:14
28:23 57:18	101:18 113:3	55:6	25:15	involvement
63:24 68:25	169:6 192:16	<b>informed</b> 116:4	intentionally	83:24 84:1
111:6	individualist	infrastructure	116:23	<b>involves</b> 157:16
inclusion 31:24	70:13	1:11,15 3:15	interacts 91:8	171:7 209:21
income 58:6,14	<b>inflation</b> 75:17	3:19 52:11	interest 14:23	involving 59:2
59:1,19 60:19	informal 70:22	182:17	27:15,22 54:14	<b>in-house</b> 86:11
154:19 155:1	information	<b>inherent</b> 19:12	interested	117:10,14
156:17	7:11 13:1 16:5	inherently	201:21	<b>IP</b> 94:1,2
inconsistent	16:10,13 17:4	148:16	interests 63:9	<b>iron</b> 91:14,18
95:11 109:11	18:9,10 30:1	<b>initial</b> 18:7	intermediate	92:3,4 93:9
incorporate	31:2,14 36:14	34:10 90:16	94:2	95:24 96:3,8
126:19	37:1 38:14,24	126:11,17	<b>internal</b> 117:3	96:12 97:12
incorrect 39:3	39:6,10,15,23	194:4	interpret 24:13	211:20,21
165:8 199:1	39:25 40:1	<b>initially</b> 59:8,9	24:16 136:18	<b>isolated</b> 145:9
<b>increase</b> 10:9	44:9 48:11	60:21 130:6	147:14,16	<b>ISRS</b> 5:19 9:14
21:20 31:22	52:14,18 53:3	172:8 205:24	157:18	10:25 11:11
156:22 210:8	67:24 68:2,7	inputs 138:15	interpretation	14:8,9,10,11
210:11 211:18	70:3,4,6,15	inquire 98:10	62:11 147:17	15:17,24 17:14
increased 28:10	70:3,4,0,13	inquired 91:4	157:16,17,22	18:17,18 20:11
189:24 190:24	75:23 76:6,13	100:9,22	interpreted	21:3,19,25
increases 209:23	77:22 81:1	,	136:1,2,20	22:3,17,21
increasing 11:7	82:4,5,24,24	<b>inquiring</b> 93:15 <b>insight</b> 96:19	introduced	23:14,15 24:1
22:21,23 28:14	90:18 91:6	110:16 113:2	58:21	25:6,12,12
212:10	98:7 102:12,18	<b>installation</b> 97:7	<b>inventory</b> 117:8	26:10 27:16
<b>incur</b> 183:9	102:22,23	installed 52:11	117:9,10	28:2,10,15,21
incurred 34:23	102.22,25		investments	
		52:18 95:23		28:22,23 29:1
86:9 91:8 99:3 130:8	105:1 107:13	96:14 97:17	14:10,11 <b>invoice</b> 85:24	29:11 30:15,16
	109:11 119:1	installing 96:6 instance 102:3	86:1 116:3	30:22 31:3,25
independent	120:2 121:22			32:1,5 33:7
115:2 167:19	121:23 123:11	140:7	<b>invoices</b> 82:16	36:6,6,8,12
independently	125:7 126:1,10	<b>instances</b> 53:10 142:14	85:17,19,21,22	38:9 41:1
114:15	126:18 131:17		85:24 86:4,6,6	43:18 44:17
<b>INDEX</b> 219:1	132:21 140:6	instruct 84:5	86:11,17 87:10	45:7,12,13,16
<b>indicate</b> 146:20	143:11,13,17	<b>instructed</b> 84:7	87:13,14	46:8 47:3
147:4 148:8	143:22,23,25	84:11 88:9	115:16,20,23	54:22 55:11
indicated 57:16	144:5,13,19,24	90:11	116:14 117:1	56:17,18 57:18

			1	
57:20 58:5,7	156:21,21	157:7 167:9	<b>Jeff</b> 161:1	111:3 112:17
58:19 59:21	157:1,5,9,20	184:17 193:1,2	Jefferson 1:8	113:23 114:5
60:22,23,25	158:11,13,18	195:25 196:1,3	2:11,18 3:11	115:5,6 119:10
61:12 62:11	158:21 159:6,8	215:7	4:8	120:12,13,15
63:1,12 64:5,7	159:15 160:24	issued 208:3	<b>Jeffrey</b> 2:14 4:8	120:20 122:4,6
69:21 70:7,19	160:25 161:10	issues 14:5	Jennifer 23:23	122:9,13,14
72:7,25 74:17	163:25 164:1,6	25:17 71:5	119:13,19,21	123:18,20,23
74:18,19 75:4	165:4,12 169:5	86:15 125:24	219:8	124:1,2 127:19
75:13 76:11,11	171:7,12,14,19	211:16 214:11	<b>jive</b> 105:11,13	134:18 136:12
76:15 83:22	172:8,14,15,20	216:13 218:6	<b>job</b> 29:12 151:6	138:1,19
84:6,19 87:20	174:13,14	issuing 180:16	<b>John</b> 61:25	139:13 140:1
89:6 91:25	175:2,3,3,5,6	item 40:7 89:22	72:17,18,23	140:22 141:1
98:8 99:4,6	175:14 177:14	103:5 116:13	84:13	141:19,24
103:12,19,24	180:22 181:12	117:12 138:12	joined 162:10	142:19 143:1
105:5 107:5	181:14,14	138:12	judge 1:18 3:7	143:20 144:17
110:14,14,15	182:15 185:8	itemized 100:11	4:4,10,15 6:6	145:22 146:3,5
110:19,24	185:20 186:23	items 82:12,12	7:8 8:4,11 10:4	146:9,12
111:2 113:6,7	188:25 189:23	83:2 84:18	10:18,19 11:5	147:12 150:21
113:11,12	190:9 191:8,15	85:24 86:10,21	11:10 12:15,24	150:22 152:3
114:13 115:17	193:20 195:24	86:25 88:19	13:14,21,23	152:11,24
117:22 118:3,4	198:1 199:12	96:10 101:14	14:22 15:6	153:8,21,23
118:24 124:8	200:8 201:2,3	103:23 106:12	20:13,14 27:2	154:2,3 158:3
124:22 125:3	201:4,6,7,21	116:15 117:8	37:11 41:12	158:4 160:2
126:6,15 127:3	204:18 205:3,5	122:1 141:15	42:14 43:5,9	165:15,17
127:6 129:4,5	205:6,25 206:7	205:17	43:11,12 45:19	166:5,8 170:4
129:20 130:17	210:8 211:5,13	item's 89:19	45:20 54:9	170:6 173:3
133:1,4,7,8,20	212:2 215:5		60:13 64:17,21	175:19,22
133:21 134:6,9	219:24	J	65:6,14 67:8	176:1,13,23
134:12,16	<b>ISRSs</b> 5:14	<b>J</b> 219:21	67:10,13 68:14	177:2,4,8
135:4,11,13,21	62:23 125:4,7	<b>Jackie</b> 21:12	69:15 74:10	179:1,9,12,18
137:1,12,22	136:22 200:8	<b>January</b> 17:1,7	78:5,8,15,16	180:20,25
138:4,21	<b>ISRS's</b> 10:10	29:19 30:2	79:2,7,12,18	181:6,15,22
139:15,25	28:7 41:5 68:3	31:24 34:6,24	80:3 81:8,10	182:7 183:10
141:5,25	190:18	48:11,16 49:3	81:14,15,18	183:14,17
142:12,17	<b>issue</b> 9:22 13:6	49:9 51:4,13	83:12 88:20,21	184:1,10,18,21
143:6,11 145:7	14:3,4,7 15:1	64:24 65:1,3	88:22,24 101:1	185:14,25
145:10 146:1	15:11 21:2,6	66:3 67:15,19	101:3,6,17	186:6,11,20
147:7,12,20	21:14 22:3,19	67:21,22 69:3	102:1,7 103:1	187:6,14,21,25
148:2,5,9,15	22:25 23:6	102:4 104:2,13	103:15,21	188:20 189:20
148:19,22,25	24:2 27:24	104:16,18,20	104:1,4,24	190:10,16
149:2,7,7,11	37:22 38:15	106:13 111:6	105:12,15,17	191:25 192:6
149:14,25	40:22 53:22	154:25 164:6	105:20,22,23	193:14,15,20
150:1,6,16,17	58:5,14 60:1	166:21 167:3	106:3,18,22	195:3 198:3
154:8,17,21	60:17 77:19	168:7 177:15	107:17 108:3	200:3,14,19
155:6,8,10,15	78:20,21,22	180:10,16	108:25 109:6	201:25 202:5,7
155:18,21,24	128:14 150:12	182:5 185:17	109:16 110:2,6	202:10,17,21
156:4,5,7,14	154:7,10,11	186:10 201:5	110:8,11 111:1	203:8,16,21,24
	I	I	I	

[				
204:4,10	216:22 218:8	160:14 162:19	53:3 54:24	27:15 29:18
207:25 210:1	218:13 219:3,5	168:16,17,20	57:21,22 58:24	44:1 45:7
210:21 211:10	219:8,9,10,12	169:19 170:2	59:17,20 60:17	48:16 77:4,20
212:13,22	219:14,15	177:5 182:7,8	60:21 64:8,24	99:18 101:8
213:22 214:1,9	<b>Keevil's</b> 67:12	182:9 183:16	65:3,8 66:25	117:2 160:24
213:22 211:1,5	Kenney 1:21	183:20,22	66:25 67:16,20	165:12 190:12
215:2 216:2,16	40:14 41:11	185:10 187:1	68:6 69:4,22	192:11 211:23
217:4,11 218:8	64:20 65:15,18	188:14 190:10	70:5 71:25	Laclede/MGE
218:12,14	66:9,14,22	190:23 195:16	73:10,12,13	4:22 10:5
<b>July</b> 18:18 45:9	67:7 68:18	195:17,18	74:6,12 77:11	217:22
45:9 159:7	76:22 189:2,6	196:14 199:14	79:4,19 83:18	Laclede/MGE's
174:17,22	189:14,16	200:12 201:8,9	84:23 85:8,11	22:21
175:1,11	190:17 191:2	200:12 201:8,9	87:12 98:10	laid 138:6
<b>jump</b> 136:10	190.17 191.2	201.21,22 205:25 206:25	100:3,6,24	Lake 20:17,20
Jump 130.10	191:24 200:4	203.23 200.23 207:19,20	100:3,0,24	language 157:3
K	200:17	207.19,20	102.4 100.23	157:19 180:1
<b>K</b> 36:3,15,18,24	kept 206:8	208.22 209.19	110:17 116:3	large 134:2
47:17,20 65:20	<b>Kerry</b> 129:19	209.21 210.24 211:3,4,13	117:7 118:18	larger 116:17,21
119:19,21	key 24:12,20	211:3,4,13	121:3,8,10	largest 87:2,3
Kansas 188:6,9	35:18	212.4,0 213.9	121.3,8,10	116:7,23
KCPL 57:24	<b>KIM</b> 1:17	<b>knowledge</b> 45:7	140:23 140.11	lasts 13:16
keep 22:6 78:2	<b>kind</b> 19:12 32:7	63:3 72:3	140.23 142.2	latched 40:21
Keevil 2:14 4:7	53:21 75:10	76:19 81:2	147:12 148:24	
4:8 13:23 15:5	126:25 139:24	92:1 119:6		late 17:6 64:8 73:8 137:13
20:13,14 24:18			151:24 152:8,8	
25:23,25 26:18	148:17,17	120:3 123:11	159:7,14	latest 218:4
26:24 27:2	149:15 167:17	125:14 129:14	160:12,13,14	<b>laugh</b> 207:21 <b>law</b> 1:18 172:5
43:10,11,14,16	173:22 193:24	134:4 136:17	162:10,12,14	
45:18 60:3	211:25	161:6,21,25	162:18 163:3	172:17
67:13 78:11,15	<b>knew</b> 187:6	L	164:5 167:2	lawyer 182:8
80:4,6,10 81:8	know 11:20,25	L 36:3,15,15,19	174:8,10,13,20	187:7,7
81:13 104:21	12:16,16,19	36:24 47:10	174:25 175:2	lead 71:24
105:21 110:25	18:25 30:22	50:6 122:22	176:17 177:12	135:20 136:21
113:20 114:2	32:9 33:9	labeled 89:15	180:13 181:1	leading 107:14
115:5,6,8	48:19 55:6	labor 117:6	185:10,19	149:9
119:8,12,16	57:7 60:8	131:20 169:18	186:9,16	<b>leap</b> 206:24
120:9,13,18	71:10 72:2	lack 28:2	187:23 188:5	<b>leaving</b> 16:9
120:9,15,18	75:14 86:3	Laclede 1:10,12	189:25 190:7,8	59:19
122:8,11,13,19	88:13 90:15,24	1:14 2:3 3:1,1	192:21 194:17	<b>ledger</b> 103:4
125.18,25	91:5 92:1,18	3:2,2,14,16,18	196:4,5,8,11	105:3 116:10
146:10,12,15	93:3,19 95:13	3:24 4:1 10:12	196:23 200:7,9	<b>ledgers</b> 116:9
149:10 150:20	95:16 100:14	11:6 14:8	201:8 206:10	<b>leeway</b> 114:6
149:10 150:20	107:8 108:9	15:19 21:3	206:11 207:16	215:17
	116:7 131:15		210:10 211:15	<b>left</b> 92:15
158:2 192:2,4	133:16,23	25:12 27:8,16	211:18 214:22	legal 29:9 30:8
193:2,12 195:8	140:12 141:8	28:13,14,17	219:18	111:8,11
209:6 213:24 214:2 216:19	142:4,10 143:9	31:21 41:14 43:18 52:14	Laclede's 5:2	130:19 157:10
214.2 210.19	144:11 156:9	43.10 32:14	6:1 11:14 12:1	157:14,16

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
letters         197:15         lists         38:19         44:1         169:5,11         lunch         78:979:24         mandates         29:5           letting         170:5         47:9157:4         171:12         175:6         lyrics         20:17,24         mandatory           32:8         80:393:4         little         23:83:18         197:14,20         M         15:20         Manila         19:22           99:22         102:3         71:23         114:5         207:11         208:24         Maila         19:22         Manila         19:22         Manila         19:22         March         15:20         March         15:20         March         15:20         March         15:20         March         15:20         March         15:20         March         17:53         16:6:8         80:24         94:11         10:1         March         17:53         66:8         82:7         85:10         March         17:53         66:8         82:7         85:10         10:1         March         17:53         66:8         82:7         85:10         10:1         March         17:53         10:51         10:1         11:12         11:14:14         11:15:11         11:14:14:24         11:18:114:18:19         10:15:1
letting 170:5         47:9 157:4         171:12 175:10         lyrics 20:17,24         mandating 18: mandatory           let's 3:7 14:25         little 23:8 30:18         197:14,20         M         15:20           93:18,20 97:2         66:17 67:17         199:25 207:8         M         19:19:22         mandatory           99:22 102:3         71:23 114:5         207:11 208:24         magnitude         maner 30:20           109:18 112:5         115:9 122:11         213:14         148:16         March 27:5 56:13           114:24 118:6         126:9 146:13         looked 29:14         main 49:1,2,4         27:5 56:13           118:11 141:2         187:4 214:11         40:24 85:16         89:24 94:11,16         110:1           142:2 159:12         Loads 128:12         108:18,20         96:8,12 97:8         66:8 82:7 85:           177:2 182:2         locating 56:2         111:2 113:14         97:17,18         104:14,21,22           188:21 189:20         30:5 34:11         115:22 12:21         181:21 184:9         108:13,22           190:12 213:1         36:21 50:15,20         124:91,017         206:1 209:17         109:13,24           216:16 217:6         locations 90:2         143:15 168:5         94:15 95:4         173:6 17:25           126:14 217:16
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
32:880:393:4little 23:830:18197:14,20M15:2093:18,2097:266:1767:17199:25207:8M219:22manner 30:20109:18112:5115:9122:11207:11208:24148:16Mare 2:84:12114:24118:6126:9146:13looked 29:14main 49:1,2,427:556:13110:1142:2159:12215:1686:23101:1294:2095:8,23March 17:537170:6176:7loads128:12108:18,2096:8,1297:8,18106:10104:14,21,22185:14186:21location 29:21114:14115:17114:24181:9105:1106:10188:21189:2030:534:11115:22121:21181:21181:21184:9108:13,22190:12213:136:2150:15,20124:9,10,17206:1209:19219:24130:13166:10216:16217:6locations90:2143:15168:20,2194:1594:1517:617:23167:23167:23167:23167:23167:23167:23168:1207:14208:1675:1077:2126:828:2,217:617:64.9,17194:19206:1207:14208:24214:21215:61207:14208:1675:1077:2126:828:2,2156:12217:17176:49,17194:19206:1217:17176:49,17190:18look 7:21 <td< td=""></td<>
93:18,20 97:2         66:17 67:17         199:25 207:8         M 219:22         Manila 199:21           99:22 102:3         71:23 114:5         207:11 208:24         magnitude         148:16         Marc 2:8 4:12           114:24 118:6         126:9 146:13         looked 29:14         main 49:12,4         27:5 56:13           118:11 141:2         187:4 214:11         40:24 85:16         89:24 94:11,16         110:1           142:2 159:12         215:16         86:23 101:12         96:8,12 97:8         66:8 82:7 85:           177:6 17:17:1         loads 128:12         108:18,20         96:8,12 97:8         66:8 82:7 85:           177:2 182:2         locating 56:2         111:2 113:14         97:17,18         104:14,21,22           188:21 189:20         30:5 34:11         115:22 121:21         181:21 184:9         108:13,22           190:12 213:1         36:21 50:15,20         124:9,10,17         206:1 209:17         109:13,24           216:16 217:6         locations 90:2         143:15 168:5         94:15 95:4         173:6 173:6 167:25           190:12 3         142:12 213:11         135:22         211:19,20,21         179:6 180:9           1111 102:3         44:20 52:10         looking 17:21         208:24         maintaining           207:14 208:16
99:2271:2371:23114:5207:11208:24magnitudemanner30:20109:18112:5115:9122:11213:14148:16Marc2:84:12114:24118:6126:9146:13looked 29:14main 49:1,2,427:556:13118:11141:2187:4214:1140:2485:1689:2494:11,16110:1142:2159:12215:1686:23101:1294:2095:8,1297:866:882:785:177:2182:2location29:21114:14115:17114:24118:19105:1106:10188:21189:2030:534:11115:22121:21181:21184:9108:13,22190:12213:136:2150:15,20124:9,10,17209:19219:24130:13166:10216:16217:6locations90:2143:15168:594:1595:417:36175:251evels5:13long13:1516:3193:21,22211:19,20,21179:6180:91mit 102:344:2052:10looking17:21208:24215:11,22217:17190:18look72:1873:1331:535:22156:12maintaining215:11,22139:2322:1026:7,773:23,2589:17maintenancemaintex23:2318:12124:54:11173:24190:21166:24148:14149:55120:22.176:2190:18l
109:18 112:5115:9 122:11213:14148:16Marc 2:8 4:12114:24 118:6126:9 146:13looked 29:14main 49:1,2,427:5 56:13118:11 141:2187:4 214:1140:24 85:1689:24 94:11,16110:1142:2 159:12215:1686:23 101:1294:20 95:8,23March 17:5 37170:6 176:7locating 56:2111:2 113:1497:17,18104:14,21,22185:14 186:21location 29:21114:14 115:17114:24 118:19105:1 106:10188:21 189:2030:5 34:11115:22 121:21181:21 184:9105:1 106:10190:12 213:136:21 50:15,20124:9,10,17206:1 209:17109:13,24213:14,1750:22 51:14131:7 132:24209:19 219:24130:13 166:1214:12 216:394:4,7135:21 143:10mains 92:7167:23 168:1216:16 217:6locations 90:2143:15 168:594:15 95:4173:6 17:525levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11208:24190:18look 7:21 8:2338:17 71:7maintenance86:14,15190:18look 7:21 8:2338:17 71:7maintenance84:14 106:20139:2322:10 26:7,773:23,25 89:17143:14 194:5122:22 17:62139:2322:10 26:7,773:23,25 89:17136:13 208:16171:24 54:11158:13 208:1676:12 82:23,24201:13 215:13maintenance188:12 124:1345:2 50:2,6,18135:3 173:22 <t< td=""></t<>
114:24 118:6126:9 146:13looked 29:14main 49:1,2,427:5 56:13118:11 141:2187:4 214:1140:24 85:1689:24 94:11,16110:1142:2 159:12215:1686:23 101:1294:20 95:8,23March 17:5 37170:6 176:7loads 128:12108:18,2096:8,12 97:866:8 82:7 85.7177:2 182:2locating 56:2111:2 113:1497:17,18104:14,21,22185:14 186:11location 29:21114:14 115:17114:24 118:19105:1 106:10188:21 189:2030:5 34:11115:22 121:21181:21 184:9108:13,22190:12 213:136:21 50:15,20124:9,10,17206:1 209:17109:13,24213:14,1750:22 51:14131:7 132:24209:19 219:24130:13 166:1216:16 217:6locations 90:2143:15 168:594:15 95:4173:6 175:25level 82:17logic 17:13168:20,2199:25 117:25176:4,9,17level s5:13long 13:15 16:3193:21,2299:25 117:25176:4,9,17limit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22139:2322:10 26:7,773:23,25 89:17maintenancemark 23:23158:12 139:2322:10 26:7,773:23,25 89:17maintenancemark 23:23158:13 208:1676:12 82:23,24201:13 215:13109:6 122:15128:2,5 139:2151:24 54:11173:24 199:1818*3.8marked 3:5158:13 208:1676:12 82:23,24201:
118:11141:2187.4214:1140:2485:1689:2494:11,16110:1142:2159:12215:1686:23101:1294:2095:8,23March17:537170:6176:7loads128:12108:18,2096:8,1296:8,1297:866:882:785:7177:2182:2location29:21114:14115:17114:24118:19105:1106:10188:21189:2030:534:11115:22121:21181:21184:9108:13,22190:12213:136:2150:15,20124:9,10,17206:1209:17109:13,24213:14,1750:2251:14131:7132:24209:19219:24130:13166:1214:12216:394:4,7135:21143:10mains<92:7
142:2159:12215:1686:2394:2095:8,23March17:537170:6176:7loads128:12108:18,2096:8,1296:8,1297:866:882:785:1177:2182:2locating56:2111:2113:1497:17,18104:14,21,22185:14186:21location29:21114:14115:17114:24118:19105:1106:10188:21189:2030:534:11115:22121:21181:21184:9108:13,22190:12213:136:2150:15,20124:9,10,17206:1209:17109:13,24213:14,1750:2251:14131:7132:24209:19219:24130:13166:1214:12216:394:4,7135:21143:10mains92:7167:23168:1216:16217:6locations90:2143:15168:20,2199:25117:25176:4,9,171evels5:13long13:15163:1193:21,22211:19,20,21179:6180:9LGC95:418:1544:2052:10looking17:21208:24214:21215:6207:14208:1675:1077:2126:832:8,22maintenancemark32:32109:18look7:2182:338:1771:7maintenancemark23:23109:1312:1973:2122:1026:7,773:23,2589:17major 56:3109:6122:15<
170:6       170:7       loads       128:12       108:18,20       96:8,12       96:8,12       97:17,18         177:2       182:2       locating       56:2       111:2       113:14       97:17,18       104:14,21,22         185:14       186:21       location       29:21       114:14       115:17       114:24       118:19       105:1       106:10         188:21       189:20       30:5       34:11       115:22       121:21       181:21       184:9       108:13,22         190:12       213:1       36:21       50:15,20       124:9,10,17       206:1       209:17       109:13,24         213:14,17       50:22       51:14       131:7       132:24       209:19       219:24       130:13       166:1         214:12       216:3       94:4,7       135:21       143:15       168:20,21       99:25       177:25       176:4,9,17         111:2       10git       17:13       168:20,21       99:25       117:25       176:4,9,17         19:23       18:15       43:17       199:13,17,20       maintain       154:11       194:19       206:1         10mit 10:23       44:20       52:10       100king       17:21       26:8       28:2,22
177:2 182:2locating 56:2111:2 113:1497:17,18104:14.21,22185:14 186:21location 29:21114:14 115:17114:24 118:19105:1 106:10188:21 189:2030:5 34:11115:22 121:21181:21 184:9105:1,22190:12 213:136:21 50:15,20124:9,10,17206:1 209:17109:13,24213:14,1750:22 51:14131:7 132:24209:19 219:24130:13 166:1214:12 216:394:4,7135:21 143:10mains 92:7167:23 168:1216:16 217:6locations 90:2143:15 168:594:15 95:4173:6 175:25level 82:17logic 17:13168:20,2199:25 117:25176:4,9,17levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenance84:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15128:2,5 139:2151:24 54:11173:24 199:18187:3,8177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2158:13 208:1676:12 82:23,242
185:14186:1110cating 29:21114:14115:17114:24118:19188:21189:2030:534:11115:2212:12:11181:21184:9190:12213:136:2150:15,20124:910,17206:1209:17109:13,24213:14,1750:2251:14131:7132:24209:19219:24130:13166:10214:12216:394:4,7135:21143:10mains92:7167:23168:17216:16217:6locations90:2143:15168:594:1595:4173:6175:25levels5:13long13:1516:3193:21,22211:19,20,21179:6180:9limit102:344:2052:10looking17:21208:24214:21215:6207:14208:1675:1077:2126:832:8,22maintaining215:11,22limitation140:12213:1133:1535:22156:12217:17190:18look7:2126:832:8,22maintaining215:11,22limitations18:921:1872:1973:21,2286:14,1584:14139:2322:1026:7,773:23,2589:17major 56:3109:6139:2322:1026:7,773:23,2589:17148:14194:5122:22128:2,5139:2151:2451:2177:2,6219:128:2,5139:2151:2451:14173:24199:18187:3,8
188:21189:2030:534:11115:22121:21181:21181:21181:321190:12213:136:2150:15,20124:9,10,17206:1209:17109:13,24213:14,1750:2251:14131:7132:24209:19219:24130:13166:1214:12216:394:4,7135:21143:15168:594:1595:4167:23168:1216:16217:6locations90:2143:15168:594:1595:4173:6175:25levels5:13long13:1516:3193:21,22211:19,20,21179:6180:9limit102:344:2052:10looking17:21208:24214:21215:6207:14208:1675:1077:2126:832:8,22maintaining215:11,22limitation140:12213:1133:1535:22156:12217:17190:18look7:2183:1771:7maintenancemark 23:23limitations18:921:1872:1973:21,2286:14,1584:14139:2322:1026:7,773:23,2589:17major 56:3109:6128:2,5139:2151:2454:11173:24199:18177:2,6219:128:2,5139:2151:2454:11173:24199:18187:3,8marked 3:5158:13208:1676:1282:23,24201:1321:324:2427:2489:2106:22,212
190:12 213:136:21 50:15,20124:9,10,17206:1 209:17109:13,24213:14,1750:22 51:14131:7 132:24209:19 219:24130:13 166:1214:12 216:394:4,7135:21 143:10mains 92:7167:23 168:1216:16 217:6locations 90:2143:15 168:594:15 95:4173:6 175:25level 82:17logic 17:13168:20,2199:25 117:25176:4,9,17levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:21208:24215:11,22207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenancemark 23:23limitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
190:112 213:1150:21 50:150:1520121:1,10;17209:19 219:24130:13 166:1213:14,1750:22 51:14131:7 132:24209:19 219:24130:13 166:1214:12 216:394:4,7135:21 143:10mains 92:7167:23 168:1216:16 217:6locations 90:2143:15 168:594:15 95:4173:6 175:25level 82:17logic 17:13168:20,2199:25 117:25176:4,9,17levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:2126:8 32:8,22maintaining215:11,22207:14 208:1675:10 77:2126:8 32:8,22156:12217:17217:17190:18look 7:21 8:2338:17 71:7maintenancemark 23:2386:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17148:14 194:5122:22 176:2139:2322:10 26:7,773:23,25 89:17148:14 194:5122:22 176:2128:2,5 139:2151:24 54:11173:24 199:18187:3,8177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8making 7:16158:13 208:1676:12 82:23,24201:13 215:1324:24 27:2489:2 106:22,21imits 208:1785:19 87:19100ks 107:124:24 27:2489:2 106:22,21ine 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
213:11,17100:12 01:11101:11 102:11100:12 11214:12 216:394:4,7135:21 143:10mains 92:7167:23 168:1216:16 217:6locations 90:2143:15 168:594:15 95:4177:6 175:25level 82:17logic 17:13168:20,2199:25 117:25176:4,9,17levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenancemark 23:23limitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2limits 208:1785:19 87:19147:1930:14 31:19146:17 151:1
216:16 217:6locations 90:2143:15 168:594:15 95:4173:6 175:25level 82:17logic 17:13168:20,2199:25 117:25176:4,9,17levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12maintenancelimitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8making 7:16158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2limits 208:1785:12 89:22147:1930:14 31:19146:17 151:1
local fieldlocal fieldlocal fieldlocal fieldlocal fieldlevel 82:17logic 17:13168:20,2199:25 117:25176:4,9,17levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenancemark 23:23limitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:1324:24 27:2489:2 106:22,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
levels 5:13long 13:15 16:3193:21,22211:19,20,21179:6 180:9LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenancemark 23:23limitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
LGC 95:418:15 43:17199:13,17,20maintain 154:11194:19 206:1limit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenance86:14,15limitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22187:3,8177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
linit 102:344:20 52:10looking 17:21208:24214:21 215:6207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12mark 23:23limitations18:9 21:1872:19 73:21,2286:14,15mark 23:23limited 22:1832:10 33:790:21 106:24148:14 194:5109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:2128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2limits 208:1788:12 89:22147:1930:14 31:19146:17 151:1
1112 102.0511120 022.10100king 17.212611.21 210.00207:14 208:1675:10 77:2126:8 32:8,22maintaining215:11,22limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenancemark 23:23limitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,3limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,3line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
limitation140:12 213:1133:15 35:22156:12217:17190:18look 7:21 8:2338:17 71:7maintenance86:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
Initiation140.12 213.1135.15 33.22maintenance190:18look 7:21 8:2338:17 71:7maintenancelimitations18:9 21:1872:19 73:21,2286:14,15139:2322:10 26:7,773:23,25 89:17major 56:3limited 22:1832:10 33:790:21 106:24148:14 194:578:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10128:2,5 139:2151:24 54:11173:24 199:18187:3,8158:13 208:1676:12 82:23,24201:13 215:13making 7:16limits 208:1785:19 87:19looks 107:124:24 27:24line 10:16,1788:12 89:22147:1930:14 31:19
limitations18:9 21:1872:19 73:21,2286:14,1584:14 106:20139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
139:2322:10 26:7,773:23,25 89:17major 56:3109:6 122:15limited 22:1832:10 33:790:21 106:24148:14 194:5122:22 176:278:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8making 7:16158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
limited 22:18       32:10 33:7       90:21 106:24       148:14 194:5       122:22 176:2         78:18 124:13       45:2 50:2,6,18       135:3 173:22       majority 133:10       177:2,6 219:         128:2,5 139:21       51:24 54:11       173:24 199:18       187:3,8       marked 3:5         158:13 208:16       76:12 82:23,24       201:13 215:13       making 7:16       78:23 88:23,2         limits 208:17       85:19 87:19       looks 107:1       24:24 27:24       89:2 106:22,2         line 10:16,17       88:12 89:22       147:19       30:14 31:19       146:17 151:1
78:18 124:1345:2 50:2,6,18135:3 173:22majority 133:10177:2,6 219:128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
128:2,5 139:2151:24 54:11173:24 199:18187:3,8marked 3:5158:13 208:1676:12 82:23,24201:13 215:13making 7:1678:23 88:23,2limits 208:1785:19 87:19looks 107:124:24 27:2489:2 106:22,2line 10:16,1788:12 89:22147:1930:14 31:19146:17 151:1
120.2,9 109.21011249111119.124199110making 7:16158:13 208:1676:12 82:23,24201:13 215:13making 7:16limits 208:1785:19 87:19looks 107:124:24 27:24line 10:16,1788:12 89:22147:1930:14 31:19
limits 208:17         85:19 87:19         looks 107:1         24:24 27:24         89:2 106:22,7           line 10:16,17         88:12 89:22         147:19         30:14 31:19         146:17 151:1
line 10:16,17 88:12 89:22 147:19 30:14 31:19 146:17 151:1
1 / (1 - 1) /
22:25 44:5         91:2 95:7         lost 98:2         40:21 71:5         176:15,23           46:21 47:20         101:25 102:5         lot 41:6 57:25         76:8 111:20         177:12 179:1
40.2147.20       101.25102.5       101.41.057.25       70.0111.20       177.12179.1         55:12,1458:8       103:12110:22       65:2275:18       138:15139:2       202:1204:12
53.12,14         58.10         62:14,15         103.12         103.22         03.22         73.18         130.13         133.12         202.1         204.12           58:10         62:14,15         110:22         111:7         76:12         102:17         154:11         157:7         204:14         214:8
38.10 02.14,15       110.22 111.7       70.12 102.17       15 111 15 117       204.14 214.8         117:24 133:14       112:8 113:11       117:2,6,8       157:13 160:12       219:17
134:15 151:22 113:17 114:9 160:15 170:2 205:9 Market 2:4 4:2
152:4 154:9 114:18,22 171:14 181:5 manageable match 156:24
156:11 158:9 115:1 121:16 182:10,11 71:23 <b>matches</b> 105:2
163:24 171:6 124:14 125:6 197:1,5 199:23 managed 139:10 matching
Itisa 61:25         134:5,7 137:1         216:13         management         154:12 156:1
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$

156:20,22	meant 104:22	83:19 121:3,7	27:7 49:4,5	59:7 61:5,7
157:8,12	130:13 191:11	125:4 140:12	65:9,11 67:16	67:20,21 77:5
material 7:9	Medium 96:19	140:23 144:6	67:17,20,23	82:1,23 136:16
13:2 177:9	meet 113:5,5	144:20 145:12	68:1,6 69:4,12	154:20,20,25
214:11 215:10	121:5,6 197:22	147:12 152:9	167:14	159:23 170:16
materiality	meeting 199:23	159:11 160:11	millions 27:18	183:20 186:18
82:17	meets 171:8	160:14 162:8	<b>mind</b> 74:16	207:19
materials 86:13	member 44:7	162:13 164:5	<b>mine</b> 35:24	<b>Moore</b> 21:12
87:6 90:16	61:11 69:1	167:25 168:22	76:25	morning 17:21
109:12 115:16	72:22 75:2	169:3,5 170:9	<b>minimum</b> 36:13	24:9 32:4
131:20	154:16 165:1	172:8,8 173:7	36:17 47:8	37:13 41:19,20
math 68:5 69:10	members 77:18	173:16 174:8	150:5	43:15,16 45:24
84:21 138:14	<b>memo</b> 162:2	174:14 175:2	<b>minute</b> 160:4	45:25 109:19
138:14 187:8	196:5	176:19,22	<b>mirror</b> 121:19	215:16
matter 1:10,13	memorandum	177:22 181:1	misrepresented	motion 4:19 5:3
3:14,18 13:24	84:4	183:10,14	191:10	13:10,12,13,19
20:7 98:1	memorized 89:8	185:19 188:6,8	missing 62:4	213:7,22
118:25	90:20	188:12,18	Missouri 1:2,8	214:14 217:13
matters 80:25	memory 118:22	189:2,9,21,25	1:16 2:5,11,16	motions 5:1
120:1 123:10	mention 23:5	190:7 192:21	2:18 3:11,20	<b>move</b> 42:8 43:2
161:21,24	mentioned	193:20 194:8	4:2,3,5,9 12:16	51:17 93:20
Matthew 62:2	13:24 21:1	197:14,15,16	57:22 59:3	98:3 99:11
<b>ma'am</b> 217:10	65:21 66:10	199:12,22	133:6,11	197:15
mean 9:2,6	72:16 73:19	200:7 201:9	151:25,25	<b>moving</b> 35:17
11:15,20 12:6	77:18 78:16	205:25 206:8	152:9 192:10	52:22 171:14
32:21 35:1,13	87:6,22 91:12	207:11 211:22	misunderstand	207:13,15
37:21 39:18	98:22 115:20	215:5 217:17	32:20 192:9	multiple 114:3
67:1 93:2,15	148:12 149:3	219:18	misunderstan	115:24 171:7
93:18 96:24	218:9	MGE's 14:8	191:4	
97:21,23 102:8	mentions 91:13	160:25 165:12	<b>moment</b> 18:14	<u> </u>
116:9 119:2	merely 135:3	168:23 169:5	34:19 43:11,22	N 2:1 3:6
145:16 156:9	155:9 157:21	190:3 197:22	44:15 48:4	name 41:21,22
157:3,11	met 9:19 26:16	MGE/Laclede	51:23 52:16	41:23 80:11
162:22,23	<b>method</b> 206:8	173:16	68:5 76:20	119:18 122:21
165:9 166:25	methodology	Michigan 56:4	126:5 175:17	122:23 151:4
167:15 169:1	86:23 121:15	microphone	213:11,15	177:20
170:21 175:4	MGE 2:3 10:13	69:16 79:17	<b>month</b> 28:16	<b>names</b> 61:24
182:13 186:12	11:6,13 21:3	81:19	87:8 109:24	72:18
188:4,22	27:8 28:13	microphones	116:12 164:6	name's 27:5
192:18 196:5	41:14 55:1,3,5	142:23	170:15,16	121:2
199:17 202:25	57:22 59:13,15	microphone's	173:6,8 183:9	narrows 35:15
203:25 209:10	59:21 64:5,7	142:25	208:20 210:15	<b>natural</b> 36:3
211:25	64:24 65:3,5	<b>middle</b> 21:23	months 9:23	46:20 69:19
meaningful 17:9	65:11 66:25	27:16,17 29:3	14:10 15:16	nature 153:15
means 34:2,18	67:17,21 68:7	<b>mile</b> 97:10	16:13 17:8	153:16 186:22
93:12 198:23	69:5 70:6 72:1	<b>Mill</b> 100:1	21:3 23:1,3,13	<b>near</b> 196:9
198:24	73:10 79:9,21	<b>million</b> 10:24	29:18 32:3	nearly 148:15
	I	I	I	I

necessarily	<b>new</b> 8:13 16:21	219:24,25	objecting 21:8	101:4 109:7
63:18 133:4	16:24 20:22	<b>Ns</b> 41:22	112:7 181:6,12	120:15 123:20
136:18 148:16	28:12 70:6,13	number 16:16	objection 23:19	152:25 153:8
193:4 212:8	94:17 104:14	48:20 49:8,17	54:10 60:15	176:15 179:13
necessary 134:8	117:12 126:12	49:18 58:8	107:14 135:15	202:23 213:2,7
134:11 139:13	126:13,13,18	67:14 72:9	136:8,14	offhand 57:5
216:23	166:21 177:25	85:20,23	145:24 149:9	74:1
necessity 24:4	178:1 190:8	100:16,16	153:5,14 176:5	office 2:9 3:11
79:1	202:14,17	116:6 154:17	181:11 206:1,6	4:11,13,23 5:3
<b>need</b> 11:20	<b>nice</b> 121:5,6	166:9,23,24,24	210:19 211:7	27:6 36:9
14:19 15:3	139:19	166:24 177:20	215:2,3	37:20 63:7
24:16 26:7	night 76:25	177:23,25	objectionable	70:24 71:1
27:23 80:23	nine 70:23	178:5 182:25	203:5	107:12 130:20
97:24 123:8	ninth 109:25	183:6 189:23	objections 42:15	151:9 188:6
134:12 145:3	Noack 71:10	189:24 190:5	42:15 43:6,6	190:3
149:16 162:4	121:14 160:11	198:7 199:3,14	79:5,7,10,20	offset 100:17
168:23 169:12	162:7 188:8	205:25 206:13	79:22 81:10	offsets 100:13
171:12 176:8	206:1,4,5	numbered	101:4,5 109:9	oh 10:8 32:10
177:6 183:23	<b>non</b> 82:11,21	159:15	120:16 123:21	48:4 92:16
184:15,22,25	86:25 87:4,9	numbers 18:2,3	123:22 152:25	93:14 95:10
185:1 188:24	<b>non-ISRS</b> 134:9	18:6 25:22	202:24 203:12	96:25 101:21
193:6 194:9	134:13 148:20	34:2,5,10,19	203:14 213:5	151:23 183:18
196:13 199:6	149:12,19	34:20 67:15	216:8 217:8,14	okay 18:12
212:1 218:7	<b>non-party</b> 119:3	86:1,24 89:8	<b>observing</b> 4:16	20:12 27:1
needed 72:11	non-reimburs	90:19 100:19	<b>obvious</b> 25:10	33:13 37:7,8
97:18 131:14	53:10	102:20 104:5	192:19	40:4,13 42:17
134:8 211:17		102.20 104.3	obviously 17:16	44:3 45:12
needing 78:13	non-updated 82:12	130:7 156:7	23:8 62:4	46:15 47:22
213:16	normal 119:2	165:7,13,23	184:24 202:1	48:18 50:6,8
<b>needs</b> 19:8 26:12	normally 53:7	166:18 167:7,9		50:14,18,23
40:10 187:12	•	183:19 198:4	occasionally 142:13	51:23 52:22
218:15	169:22,24 180:21 184:8	203:7		
		205:7	occur 163:1	54:19 55:14 57:14 58:11
<b>negative</b> 100:12	194:1,6	0	occurs 127:9	
100:17	<b>north</b> 56:3	<b>0</b> 3:6	<b>October</b> 45:11 <b>odd</b> 56:13	59:4 62:17
negotiate 60:6	northern 56:4	oath 161:12		63:22 67:7
<b>neither</b> 20:4	note 93:8	171:22,23	<b>offer</b> 78:11,22	68:12 69:13
<b>net</b> 22:12,14	<b>noted</b> 153:23	184:11	79:16 81:9	71:1,8,12
29:19 30:5	160:19,22	object 53:20	87:17 101:2	72:12 73:4
36:18 47:24	179:13 210:7	60:3 107:21	107:19 120:14	76:10 77:14,25
48:23 49:11	<b>notes</b> 90:2 91:13	108:1,15	123:19 145:13	78:15 79:18
50:3 65:20,25	93:14 94:10	110:25 113:20	152:22,23	82:8,17 83:12
67:3	99:23,24,24	145:19 176:1	153:3,6 200:21	84:5,15,23
<b>never</b> 20:25 37:1	notice 15:3		203:19 204:11	88:4 93:4,5,20
37:3 39:1	November	200:11 202:25	210:2 212:14	94:23 99:11
44:21 72:3	15:11 16:2	203:13 207:22	212:23 214:3	103:15 105:15
133:8 162:9	17:19 23:4	<b>objected</b> 71:20	offered 42:14	106:9,20,22
189:3 191:12	NR 219:23,24	128:25 180:14	43:5 79:4,15	107:19 108:6

108:25 110:2,8	138:1 143:4	56:11	91:19 92:8,12	102:3 109:3
112:5,25 113:7	146:16 164:16	operations	93:21 94:24	116:17,20,21
113:9,16	169:7 208:9	86:15	95:1,20 97:3	121:25 122:1
115:15,22	219:10,22	opinion 44:25	97:15 98:4,7	130:17 132:25
116:16,20	<b>Oligschlaeger's</b>	59:25 60:11	98:11 99:12	134:6,8,13,13
117:16 118:15	186:2	130:21 157:10	100:15,15,16	137:1 139:14
119:8 120:20	once 44:19 67:4	157:11,13	101:23 102:20	139:22 140:6
121:10 122:2	139:6 206:4	185:20	104:19 114:19	141:2 143:6,14
125:14 138:19	ones 72:16 101:9	opinions 157:16	115:18 116:6	148:2,6 159:3
142:19 143:18	102:4 116:7,24	opportunity	116:19 117:18	163:6 164:20
145:1 146:5	194:3,7 211:16	4:23 7:14 12:1	117:21,23,24	166:19,22
149:10 152:11	one's 99:15	13:5 107:25	118:20 121:21	167:4,5,12
153:23 154:2	on-site 85:11	108:9,11 109:8	131:5,7,15,18	169:4,20
156:11 159:7	<b>OPC</b> 3:4,4 4:20	130:17 202:15	131:19,23	170:10 179:23
159:11,13,18	5:17 7:12,14	204:9 207:1,6	132:2,6,9,12	179:25 180:3,4
159:22 160:9	7:16 9:15	209:1 213:12	132:15,22	180:6 181:18
161:2,11 162:3	12:24 16:10	213:13	133:20 135:22	187:3 188:10
163:18,21	17:4,10,12	<b>oppose</b> 205:23	140:14 142:14	188:11 190:2
164:9 165:20	19:1 23:19	<b>opposed</b> 59:8,10	143:10,13,16	190:11,14
166:13,21,24	28:18 29:7	59:13 127:15	144:6,9,11,14	194:3,5,10,13
167:21,25	31:6,7 39:11	172:9,10 205:7	144:21,25	194:16,20
168:2,14	40:2 59:18	opposing 5:1	146:19 147:1,3	199:13,20,22
170:11,19	62:12,25 63:8	108:4 137:9	147:5 148:9	ordinary 145:15
171:2 172:11	65:18 66:18	<b>opposite</b> 112:11	164:14 168:6	original 22:12
172:13 173:14	70:15,19,21	112:14	168:13 169:6,8	22:14 29:20
174:11,20	71:13 74:4,5	<b>option</b> 19:9	169:13,17,22	30:5 36:18
175:16 177:13	74:23 88:25	208:10,12,23	169:25 173:24	38:25 39:6,25
177:16 178:5,7	108:23 109:8	optional 218:11	177:14,22,25	40:11 47:24
178:14,24	109:12,18	218:12	178:3 185:2	48:23 49:11
179:16 180:20	130:16 150:25	oral 4:25	186:24 188:3	50:3 52:18
180:25 182:7	153:11 162:25	order 15:7 18:13	188:19,24	65:21,25 66:6
184:21 188:14	180:21 181:6	18:22 23:14,15	193:21 195:10	70:8 71:13
190:16 191:24	182:12 204:14	25:12 29:14,21	196:7,15,18	168:23 169:9
192:18 193:12	204:17 208:19	30:14 31:18	197:10,11,20	194:16 199:5
194:9,12 195:1	208:23 215:11	36:19 38:8	198:12 199:19	207:2
197:17 199:2,8	217:8,20	46:4,13 48:10	200:1 208:25	outcome 27:12
202:10 203:24	<b>OPC's</b> 9:18	48:13,17,19,20	219:23,24	outside 99:4
207:6,17 210:1	16:18 32:16,20	48:23 49:17,18	ordered 201:3	207:16
210:17 212:12	33:18 34:1,17	49:23 50:3	218:10	overall 82:18
212:22 214:18	63:4,5 74:6,12	53:8 65:23	ordering 28:4	116:19
217:9	217:12	66:11 67:2	orders 10:12,13	overhead
<b>old</b> 20:17 144:10	opening 13:22	70:9 71:18,24	11:6,13 46:3	131:20 196:17
Oligschlaeger	15:7,12 20:16	82:13,18 83:1	48:12 64:25	overlooked
23:24 84:14	28:25 29:2	86:24 87:15,19	65:5,7 70:5,13	40:16
88:14 122:16	operation 172:5	87:24 88:1,16	71:2,19 87:2	overly 71:21
122:20,22	172:17	89:4,8,17,25	88:2,5,11 89:6	overrule 54:10
124:6 127:18	operational 56:1	90:1,5,9,19	89:9 101:19	111:3 136:13
	1	1	1	1

145:24 Overruled 211:10 overwhelmed 204:17 owned 59:15 O-L-I-G-S-C 122:24 O196 23:22	105:8 106:7,8 111:14 112:12 114:16 115:19 121:16,22 140:3,6 141:5 174:4 214:21 215:5 217:18 paragraph 103:11 parcel 75:11	205:23 208:17 <b>passed</b> 28:24 <b>pattern</b> 40:24 <b>paving</b> 86:13,13 87:6,7 <b>pay</b> 10:25 12:21 197:18 <b>payers</b> 74:21 184:5	period 16:14 22:15,18 27:20 68:8,10 76:4,4 85:10 86:25 87:1,8,9,9 99:5 107:24 124:17 128:13 134:2 156:24 158:13	29:7,25 31:3,6 31:11,15 33:10 33:17 34:3 36:4,9 37:17 37:20,23 38:7 38:12 39:8,20 39:25 46:20,24 47:14,18 48:3
211:10 overwhelmed 204:17 owned 59:15 O-L-I-G-S-C 122:24	114:16 115:19 121:16,22 140:3,6 141:5 174:4 214:21 215:5 217:18 paragraph 103:11 parcel 75:11	pattern 40:24 paving 86:13,13 87:6,7 pay 10:25 12:21 197:18 payers 74:21	68:8,10 76:4,4 85:10 86:25 87:1,8,9,9 99:5 107:24 124:17 128:13 134:2 156:24 158:13	33:17 34:3 36:4,9 37:17 37:20,23 38:7 38:12 39:8,20 39:25 46:20,24
overwhelmed 204:17 owned 59:15 O-L-I-G-S-C 122:24	121:16,22 140:3,6 141:5 174:4 214:21 215:5 217:18 paragraph 103:11 parcel 75:11	<pre>paving 86:13,13     87:6,7 pay 10:25 12:21     197:18 payers 74:21</pre>	85:10 86:25 87:1,8,9,9 99:5 107:24 124:17 128:13 134:2 156:24 158:13	36:4,9 37:17 37:20,23 38:7 38:12 39:8,20 39:25 46:20,24
204:17 owned 59:15 O-L-I-G-S-C 122:24	140:3,6 141:5 174:4 214:21 215:5 217:18 paragraph 103:11 parcel 75:11	87:6,7 <b>pay</b> 10:25 12:21 197:18 <b>payers</b> 74:21	87:1,8,9,9 99:5 107:24 124:17 128:13 134:2 156:24 158:13	37:20,23 38:7 38:12 39:8,20 39:25 46:20,24
<b>owned</b> 59:15 <b>O-L-I-G-S-C</b> 122:24	174:4 214:21 215:5 217:18 <b>paragraph</b> 103:11 <b>parcel</b> 75:11	<b>pay</b> 10:25 12:21 197:18 <b>payers</b> 74:21	107:24 124:17 128:13 134:2 156:24 158:13	38:12 39:8,20 39:25 46:20,24
<b>O-L-I-G-S-C</b> 122:24	215:5 217:18 <b>paragraph</b> 103:11 <b>parcel</b> 75:11	197:18 <b>payers</b> 74:21	128:13 134:2 156:24 158:13	39:25 46:20,24
122:24	paragraph 103:11 parcel 75:11	<b>payers</b> 74:21	156:24 158:13	,
	103:11 parcel 75:11	<b>-</b> •		17.11 10 10.2
<b>O196</b> 23:22	parcel 75:11	184:5		-
	<b>1</b>		171:15 195:22	48:22 49:8
		payments	195:24 201:4,4	50:4,5,18,21
$\frac{\mathbf{P}}{\mathbf{P} + \mathbf{P}}$	part 19:23 32:21	196:17	201:7,11 205:3	50:23 51:15,16
<b>P</b> 1:21 2:1,1 3:6	70:2 75:11	<b>PDF</b> 206:16	206:9 208:21	51:21 52:5
page 7:24 10:16	77:18,20 91:14	pending 21:5	208:22	53:4 54:6,23
10:17 18:13	91:19 93:9,13	50:13 213:7	<b>periods</b> 82:22	59:20 66:12
22:7,16,24	97:17 101:7	Pennsylvania	peripherally	69:20 70:8
29:1,3,4,10	104:24 119:2	211:2	55:4	84:6,24 107:23
30:13 33:15	124:25,25	percent 82:19	permission	111:6 112:8,8
44:5 49:2	125:6 126:21	82:21 140:17	105:18 143:18	112:10 114:1
55:13 58:8,10	127:9 131:17	140:23,25	143:20 144:16	129:5 137:22
62:13 64:23	139:15,16,17	141:17 142:6	144:17 160:1,2	155:7 156:2
89:16 92:14	139:25 141:5	187:4,8,9,11	173:1,3 175:20	158:12 171:7
94:23 99:12	142:12 147:5	190:19,21	175:22	174:23 181:13
107:1,2 117:20	184:16 185:22	191:3,6,7	permit 31:10	182:15,20
130:11 133:12	189:22 202:8	194:2 199:13	<b>person</b> 133:5	183:5 198:7,9
134:14 146:22	205:22 212:13	199:17,18	192:20	204:24 205:13
147:10,25	213:21	200:1,2	personally	207:2 209:12
148:4 151:21	partially 53:11	percentage	150:9	219:18,18
154:7 158:8	participate 9:19	190:18 193:25	personnel	petitions 5:22
160:6,22	participated	perfectly 186:14	173:25 185:4,7	12:21 18:21
163:24 171:5	57:19 84:3	<b>perform</b> 18:16	188:13 192:8	21:20 22:1
202:5 219:2	161:4,14	97:24 124:13	192:11,15	28:17,19 29:18
pages 7:22	182:10	125:9 128:10	193:8 197:23	30:22 31:8
101:14 106:5	particular	128:17 133:5	199:24	41:1,6 60:22
108:7 178:21	114:12 123:6	150:1 158:10	perspective 26:3	112:17 164:6
178:23 214:4	131:16 135:11	165:4 174:6	33:23 141:14	199:12
214:10 215:19	139:7 142:14	175:14 180:21	persuasive	<b>PGA</b> 20:8 75:12
219:25	148:9 150:10	186:22 187:16	30:11	129:25 130:5
pair 76:23,24	150:11	188:1 201:20	<b>pertain</b> 103:11	<b>phones</b> 4:17
Palmer 20:18,20	parties 3:22	performed	pertaining	picked 87:3
paper 199:4	4:25 11:16	57:17 84:2	121:24	116:21 187:4
papers 36:12	21:7 40:3	117:7 121:18	<b>Peters</b> 99:19	<b>piece</b> 123:1
38:2 47:7	63:11,17,23	128:8 133:2,3		188:23 199:4
82:14 87:3,16		128.8 155.2,5	100:2,4,7 118:17	
91:21 100:11	75:25 113:3			<b>pipe</b> 97:24 145:4
102:6,8,15,22	126:11 174:12	165:22 174:7	<b>petition</b> 5:19 9:4	212:18
102.0,8,15,22	179:14 203:11	182:9	9:5,9,13 11:17	<b>pipes</b> 91:23
103.2,8,18	parts 22:7	performing	17:1 18:11	<b>place</b> 135:12,14
104.3,0,9,17	<b>party</b> 21:7	131:2 135:2	20:2 27:16	148:23 163:22

204:3	47:16 48:4	19:2,3 21:15	135:19 136:20	120:11 123:6
placeholders	50:6 51:23	21:18 22:11	137:25 145:19	<b>premise</b> 147:18
126:25	52:16 55:12	32:20 33:18	146:3,4 147:9	193:4,5
plain 182:21	58:9,12 62:14	34:1,17 38:24	148:1 149:9,24	preparation
<b>plant</b> 16:24 17:1	62:18 68:5	39:2 77:4	150:24,25	161:15
17:3 20:1 22:4	69:16 74:13	134:3,3 148:4	151:3 152:12	prepared 54:1
25:14 27:19	80:12 81:18	150:6 205:21	152:22 153:3	80:15 119:20
45:13,16 57:24	97:2 98:6	205:24	153:21,25	123:1 151:11
58:5 59:6 75:8	111:4 119:17	positions 150:9	165:15,20	202:11
77:5,15 89:22	119:18 122:20	possible 16:12	166:3 170:4	present 4:25
111:22 114:10	126:5 134:25	137:4 139:22	176:1,11 177:4	8:14 9:16
114:12 130:12	151:4 152:3	141:1 155:8	179:1 181:11	27:11 63:14
131:5,7,10	175:17 182:8	156:4 166:5	195:4,6 200:14	134:3
132:2 133:20	195:11	172:5 208:14	201:25 202:9	presentation
134:9,12,13	pleased 15:14	208:19 209:16	202:17 203:4	214:12
148:19,21,22	plus 69:9 106:13	post 36:8,12	203:13,23,25	<b>presented</b> 7:9,20
149:7,8,11,12	149:3	40:5	204:8,15 208:2	27:20 101:9
149:14,19	<b>PO</b> 2:10,17 4:8	<b>Poston</b> 2:8 4:12	209:24 210:19	177:9 202:21
150:17,17	point 8:21 9:12	4:12 5:5 7:2,8	211:7 212:15	215:8,11,21
154:8,21 155:5	9:21 22:15	8:2,7,16 9:11	212:17,21	216:6 217:4
155:21,24	60:7 65:23	10:18,20 11:9	213:11,19,20	presenting
156:2,7,8,15	66:10 75:4	11:15 12:15	214:8,15,18	23:21
157:23 158:18	98:6 100:10	13:11,20 27:3	215:14,24	presents 15:2
159:23 160:17	127:2 143:24	27:4,5 32:8,13	216:12 219:4,6	Presiding 1:17
162:20 163:8	144:4 148:10	32:21 33:1,4,9	219:7,11,13,16	pressure 94:2
164:1,6,10,18	150:4 153:20	33:21 34:6,11	219:17	Presumably
164:23 173:7	154:20 171:18	34:16,23 35:4	<b>Poston's</b> 38:18	89:7
173:11,14,18	204:12	35:11,20,24	146:18	<b>presume</b> 63:4
173:25 174:3	pointed 38:5	37:3,12 38:23	<b>potential</b> 142:21	101:11,22
174:17,21,22	163:24	40:15,25 45:20	potentially	pretax 38:10
175:1 180:11	<b>policies</b> 74:14,16	45:21,23 54:3	211:16	39:13
181:12 184:3	<b>policy</b> 25:17	54:11 60:10,16	power 100:23	pretty 201:9
185:3,5,7,11	62:25 74:24	64:14 67:10,14	practice 67:1	prevent 70:18
188:13 192:7,8	88:14 125:8	68:12 69:14	125:8 129:3	209:17
192:11,13,15	137:9,11	72:6 73:4 77:3	141:11 145:10	prevented 74:20
193:8 196:2	195:19 205:9	83:13,15 88:20	160:23	previous 23:15
197:22 199:24	popped 22:20	88:22 89:1	practices 66:15	40:19 84:10
204:22,23,23	<b>portion</b> 35:6,13	101:1 107:14	141:20,23	85:12 149:25
205:11 209:12	50:24 105:3	107:21 108:6	precedent 10:21	150:1 155:18
209:13	113:5 213:16	109:1,14,20	precluded 25:6	155:19 200:13
plants 113:19	portions 4:19	110:1,8,10	preface 52:1	previously
181:7	10:5 29:22	111:5 113:23	prefer 61:2	44:16 64:13
plastic 93:25	36:22 50:25	114:2,8 115:3	141:15	78:16 116:25
pleading 13:19	51:9 213:8	115:10,15	prefiled 14:17	176:14 212:19
please 4:16	posed 147:19	117:17 118:16	23:25	215:15
15:10 20:15	position 17:17	122:4,5 127:19	premarked	pre-marking
27:4 43:22	17:25 18:24	127:21 135:17	14:20 80:19	13:25
	I	l	I	I

primary 33:2	45:3 46:25	51:2,11,15	15:24	184:5
84:17 133:4	59:12 78:24	53:7 54:12,16	<b>prove</b> 201:16	<b>provision</b> 24:12
<b>principal</b> 156:21	135:25	65:20 95:17	<b>provide</b> 15:3	24:15 71:3
<b>principle</b> 150.21 <b>principle</b> 154:12	proceedings 1:4	98:8 99:2,4	18:21 30:8	126:10 184:6
156:14,23	25:1 44:7	114:19,23	34:13 36:17	provisions 23:11
150:14,25	130:20	117:13 118:7	40:6 41:5 51:8	prudence 28:7
<b>printout</b> 106:7	process 15:18,18	124:9,10	51:14 52:9,14	30:25 31:4
<b>prior</b> 7:12,14	15:19,22,23	131:10,13,13	52:23 54:6,13	32:7,12,19
18:13 44:7	16:2 17:15,19	132:1,13 139:7	74:13 87:12,17	33:7 133:16,22
45:7 133:6	19:7 20:4,6	139:9,10	96:18 170:9	133:25 134:5,7
160:24,25	21:8 25:15	142:16 146:21	180:12 187:19	134:12 135:5
,				
189:21 196:4	30:22 31:13	147:6 171:8,12	196:14 214:6	135:10,11
199:11 210:15	39:9 40:12	178:5,7,10	<b>provided</b> 7:1,11	137:2 138:21
210:15	53:23 54:20,21	184:23 190:24	7:16 8:14	138:23 139:1,1
<b>privy</b> 71:10	54:24 55:1	195:24	18:20 30:9	139:1,6,8
<b>pro</b> 126:23,24	64:11 66:21,23	<b>projects</b> 51:5,12	35:21 36:19,20	147:21,24
probably 43:24	68:22 70:2,14	51:13,14 52:15	36:21,22,23	148:2,5,10,19
45:10 57:3	70:22 73:5	54:17 64:23	37:5 39:11	148:20 149:6
61:24 64:8	75:11,21 82:10	65:22,25 66:3	40:2 41:2	149:11,14,21
68:6 70:24	82:16 126:15	82:25 104:2	42:24 50:11,16	<b>prudent</b> 139:9
127:11 130:2	126:16 127:3,7	124:16 140:7	53:3 54:22	<b>public</b> 1:3 2:9
135:23,25	127:7,10,15,16	140:16 141:3	55:2,7 66:6	2:16 3:10 4:5
141:12 142:5	129:1 130:6	141:10,13	71:23 82:12,14	4:11,13,14,24
162:18 206:3	137:13 156:15	148:12,15	83:2 87:14,18	5:4 21:4,11,15
210:15 216:22	192:10	181:3,3,24	87:24 88:6,7	21:16 27:6,6,7
216:24	<b>product</b> 115:25	185:16 189:23	90:16,17 91:6	27:14,22 36:9
<b>problem</b> 23:20	professional	189:24 190:2,5	91:21 101:8	37:21 55:17
44:22 112:7	57:2,8 185:23	190:12 195:19	103:17 104:6	59:16 62:20,21
167:7 185:1	186:4 198:23	196:2 197:12	105:7,9 109:12	62:24 69:24
196:7	professionalism	211:19 212:2	126:18 128:6	70:3,24 71:1
problems 31:12	57:9	<b>proof</b> 31:23	140:2,14	107:12 109:21
142:9 160:15	profession's	99:19 200:21	144:19 163:2	146:17 151:8,9
162:8 194:5,10	198:20	210:2 212:14	164:14 165:23	purchase 211:23
procedural	program 91:15	212:23 214:3	169:23 173:17	purporting
153:19	93:10 95:25	<b>proper</b> 32:18	180:4 181:17	179:4
procedure 40:17	96:6,15 97:18	property 52:20	182:3,5 188:21	<b>purports</b> 173:8
119:7 126:6,9	progress 174:2	138:17 192:12	190:6 196:15	177:17
129:13 137:17	185:5	<b>propose</b> 59:6,16	196:18,20	purpose 30:19
154:8 156:16	prohibited	proposed 21:19	207:2 215:6	112:25 152:7
209:2	15:24 157:8	21:25 22:3,17	216:1	200:20 209:20
procedures	project 22:7	36:6 37:18	provides 9:14	212:6
74:14 126:4	29:20,21 36:18	47:3 60:18	23:10 30:15,21	purposes 12:13
128:18 129:4	36:19,21,22	69:21 142:1	75:5 98:7	140:19 179:10
129:17 141:20	47:15,18,24	154:21 162:19	110:16 113:2	pursuant 23:11
150:7 186:22	49:8,12,14,15	172:7	145:23 197:13	<b>pursue</b> 116:5
proceeding	49:19 50:9,16	proscribe 20:5	providing	<b>put</b> 4:17 35:25
32:16 33:8,11	50:16,19,20,24	proscribed	108:19 180:5	40:4 66:23
,	I	-	I	I

90:6 102:13	176:13 181:23	57:13 75:20	196:3 204:17	rebuttal 4:20
131:11 144:13	186:8,16	131:6	205:9 209:15	5:7 6:3,14,16
157:5 170:22	187:12 189:19	<b>quote</b> 147:6,7,11	rates 14:2,13	6:18,22 7:17
174:17 176:5	192:5 193:3,13	<b>quoted</b> 23:13	17:5 78:20	8:17,18 9:10
197:19 198:7,9	193:20 194:18	quote-unquote	130:6 138:18	9:24 10:5,22
202:19	196:24 200:13	105:13	155:15 156:22	12:13 13:3
<b>putting</b> 11:16	200:15 207:4	105.15	195:17 204:25	22:20 42:18
84:3 107:15	208:15 207:4	R	205:5	43:3,25 44:3
182:25 196:1	questioned	<b>R</b> 2:1 3:6 151:5	ratio 169:19	46:1 48:14
<b>p.m</b> 109:23,25	177:10 206:15	race 75:19	<b>rationale</b> 137:18	55:10,13 62:10
218:18	questioning	<b>raise</b> 60:17	reach 23:2,8	64:22 70:10,11
210.10	66:24 200:18	212:7,9	read 15:13	88:16 101:8,22
Q	200:23 211:9	<b>raised</b> 6:2,4	35:12 44:10	123:2 147:25
qualification	questions 10:8	16:21	95:21 97:15	151:11,17,22
164:1	10:15 12:4	randomly 87:5,8	99:23 108:7	152:17 184:11
<b>qualified</b> 195:24	14:15,16 24:6	116:8,10,11	134:24 144:22	191:18 200:10
197:18	24:10 27:23	range 9:7	134:24 144:22 160:5	
quality 128:15	42:4,23 46:12	rare 148:21		203:1 213:6,23 214:6 219:19
158:25 171:24		rate 5:15 14:1	<b>reading</b> 32:9 47:21 76:21	
quantify 52:24	49:21 64:17,18	14:13 17:11,14		219:22,23
53:14,19	64:20 67:11	19:6,15 20:5,8	89:24	<b>recall</b> 71:14 73:6
<b>question</b> 5:6	73:4 78:1 81:4	21:19 23:11	ready 13:22	74:2 77:6 82:1
10:16 12:9	83:11 91:1	24:1,2,24 25:1	real 77:1	82:2 88:19
32:14 34:21	98:22 110:3,4	25:5,8 27:24	<b>reality</b> 128:11	109:4 128:3
40:19,23 44:19	110:11 113:21	28:3,5,8,11,23	really 5:6 6:1,19	136:15 137:8
40:19,23 44:19	115:16 119:4,9	31:22 32:12	6:24 12:12	143:6 159:15
47:16 50:12 52:1 58:11,17	120:5 122:3,5	36:6 37:18	21:10 41:1	159:24 160:10
59:23 60:5	122:7 123:14	39:10 47:3	53:6 54:7 58:2	160:11 162:5,6
	127:17,25		59:22 61:1	162:16 165:24
61:16,17 62:17	128:22 130:19	51:21 52:5,19	63:19 77:11,13	168:5,11,12,14
62:19 63:20	138:2 142:20	53:4 55:2,5	149:1 183:18	180:1,16 197:2
64:2,21 65:16	142:22 143:5	66:20 69:21	reason 20:10	206:13,15
67:10 68:18	145:1 146:2,4	74:17,21 75:12	25:7 92:22	<b>receive</b> 71:12
72:5 74:13	146:18 147:9	75:20,22 76:3	94:12 96:20,24	102:2
77:7 85:16	147:21 148:1	78:19 92:20	96:25 111:8	received 14:18
86:2,3,5 88:14	149:4 152:16	124:22 126:6,9	137:15 148:7	24:4 27:18
88:14 96:4	162:4 165:11	126:11,16,20	165:7,23	78:25 82:3
99:21 111:4	166:18 180:18	126:22 127:9	184:14 187:2	102:21 104:19
112:3 114:21	180:21 188:14	127:15 128:11	209:19 212:5	105:22 106:10
118:13 124:11	192:1 195:1,8	129:22 135:7,9	reasonable	140:21 166:1
134:24 135:1	195:9 198:3	135:12,14,22	89:11 139:11	176:9 179:7
136:15 137:6,9	200:3,13	136:23 137:2	reasonably	185:10
145:20,23,25	201:23 203:6	138:17,17,21	141:17	<b>recess</b> 79:24
147:19 156:10	204:6,9 208:2	138:24 147:23	reasoning 105:4	146:6
156:19 157:25	209:5 212:7,9	148:24 149:12	reasons 54:21	recipient 56:18
158:10,19,20	<b>quibble</b> 129:2	154:10 156:23	125:20 142:8	recognize 106:5
160:16,20	quickly 210:7	157:6,19	190:25	144:22,23
170:5 174:24	<b>quite</b> 56:24	178:14 184:5	Rebecca 1:25	167:23
	l	l	l	1

recognizing	153:7,9 176:3	referenced 25:7	52:24 53:14,19	174:24 207:4
168:3	177:7,8 200:23	25:11 29:5	100:13,18	211:11
recollection	202:3,4 203:11	164:25 202:2	188:18	repeated 179:2
131:8 150:3	213:3 218:7,16	references 29:14	reimburseme	repeatedly
159:20,25	218:17	74:15 107:4	100:9 132:7	16:16 176:5
172:7	recorded 132:2	110:14 166:13	188:16,17	<b>rephrase</b> 149:10
recommend	<b>records</b> 18:20	referred 46:2	197:25	replace 14:9
124:9 141:12	145:13 192:12	118:19 126:14	related 56:2,15	replaced 52:11
163:1,7,8,9,10	recover 38:9	138:13 200:4	71:19 87:10	91:14,18 92:7
recommendat	155:13	200:17	99:5	94:20 99:25
5:11 6:12,13	recoverable	referring 44:13	<b>relates</b> 200:13	104:15 127:1
6:22 7:3 8:3,5	147:7	102:14,15	relating 119:4	137:14
9:15,16 13:1	recovering	106:17 112:2	relation 124:15	replacement
16:14 39:12	205:1,5,6	127:6 128:6	176:19,22	1:12,15 3:16
45:10,15 59:11	recovery 19:25	134:14 152:4	relevance 60:13	3:19 29:22
62:8 72:21	25:13 47:19	165:16 181:16	relevant 15:15	49:1,3 91:15
73:14 76:8	50:10 74:20	197:8 198:6	167:17	92:3 93:10
77:24 83:25	82:20 103:24	200:24 207:9	<b>relocate</b> 118:19	95:8,12,25
85:6 124:13	138:10 155:14	refers 126:10	relocation 53:7	96:3,7 97:18
156:15 160:4,6	205:1,4 209:18	182:15	95:12 99:15	99:20 100:1,4
161:3,7,8,15	recross 105:17	reflected 74:20	197:11,13	100:8 111:10
161:18,22	143:1 192:1	155:7	relocations	111:19,20,24
163:12 165:14	Recross-Exa	reflecting 142:9	52:24 95:14	114:24 115:1
208:3,7	105:24 110:9	reflection	197:21	117:25 118:7
recommendat	143:2 192:3	155:25 156:3	rely 57:3 105:6	118:12 182:18
5:13 16:6	193:17 210:5	refresh 159:25	198:3	211:18 219:24
44:23 63:16	219:7,7,12,15	refuse 137:22,22	remainder	replacements
108:14 126:20	219:15,16	refused 129:6	137:14 148:4	92:19 95:14
150:16 154:16	<b>REC'D</b> 219:17	149:25	remember	111:9
154:18 161:5	red 148:8,11,23	regarding 9:8	24:19 81:18	replacing 96:2
recommending	redirect 67:8	22:19 36:8	82:3 86:5,13	96:12 111:22
23:16 165:8	68:16 115:7	37:19 65:20	115:20 121:13	replied 214:13
reconcile 36:5	122:8,12 137:5	117:1 119:1	remind 4:15	replies 217:7,20
208:6	146:11,14	147:24 148:5	<b>remove</b> 137:10	reply 153:12
reconciliation	195:3,5 203:22	149:6 192:6	150:14	213:13 216:18
30:24 130:1	,			
	204:2,9 212:13	<b>regards</b> 5:16 29:18	removed 52:12 129:5 137:13	<b>report</b> 18:12 54:18 57:11
<b>record</b> 3:8,23 10:6 14:18	212:16 219:4,8	REGULATO	149:24 206:6	
24:4 40:6	219:12,16,17 <b>reduced</b> 22:16	1:18	renewals 93:11	73:9 76:2,6
				158:25 159:1 Penerted 1:24
41:21 52:20	<b>refer</b> 21:19	rehashing 23:1 reimbursable	93:18 94:20 renewed 94:13	<b>Reported</b> 1:24
78:24 80:1,12	28:25 46:4			reporter 214:7
108:12,16	130:10,12	53:10,11	reorganize 68:19	<b>represent</b> 63:11
119:18 120:14	133:14 151:20	146:21 147:4,7		63:16,22,23
120:17 122:21	160:5 165:15	reimbursed	<b>repair</b> 86:14,15	representation
123:19,24	198:13	100:7,24	repeat 16:18	215:10
138:3,19 146:7	<b>reference</b>	197:22	99:21 111:4	representative
146:10 151:4	110:13 144:20	reimbursement	114:21 156:19	121:11

Г

	192.21 205.7	147.14 16 17	01.05.00.12	95.11.122.16
representatives	182:21 205:7	147:14,16,17	81:25 82:13	85:11 133:16
91:4 98:23	209:13,16,22	153:11 192:5	84:16,18 85:2	134:6 141:25
100:10 116:3	requirements	193:19 196:24	86:12 87:13	147:24 148:2
represented	28:12 38:7	198:2 200:16	88:4,10 99:7	148:19,20
82:19	111:11 182:16	213:12,18,20	101:24 103:16	re-audit 126:12
represents 63:8	182:23 197:23	214:13 217:13	104:25 107:25	re-filed 186:17
155:9	requires 25:18	responses 73:24	109:8 116:4	<b>RFP</b> 54:20,20
request 14:17	26:9 33:25	74:3,5,6	117:11 126:2	54:21,24 55:1
58:20 70:20	126:12	responsibility	128:2,10	<b>Rick</b> 2:2 3:25
71:15 73:23	requiring 29:22	150:11	130:17 134:12	121:2
74:1,3,12	114:25	responsible	135:3,5,10,12	right 3:7 13:8
84:19 131:12	research 114:15	192:14	135:13 138:4	15:2 21:23
165:18,19	114:17 115:2	responsive 5:7	138:21,23	22:6,13,19,25
166:10,11	reserve 58:6,15	6:9,23 8:19,22	139:14,24,25	25:23,25 32:13
167:15 180:2	59:19 60:19	8:25,25 9:24	140:10 141:2,4	33:9 35:20,22
180:16 188:9	74:17,18,25	9:25 11:2,21	143:25 145:2	39:21 45:11
188:21,23	75:6 76:16	<b>rest</b> 66:7	145:10 148:5	50:1 57:5 62:5
194:16	154:18 155:5,6	restate 152:3	148:22 149:6	66:24 74:1
requested 82:15	155:12,12	restrict 18:10	149:14,16,16	76:1 78:5 79:2
86:17 87:10	156:1,1 204:21	result 139:5	149:21 153:24	80:6 83:18
103:23 116:14	209:7,14	resulting 23:17	158:18 159:3	86:22 92:22,25
121:24	reserved 147:21	resume 80:3	160:21 171:7	93:15 95:7
requesting 10:6	reserves 135:4	204:1	171:11 172:1	97:5 98:3
82:20	resolution 60:1	retirement	183:17 185:1	109:7 112:1
requests 40:1	resource 128:14	52:17	187:2,11	113:13 118:12
70:24 163:4	139:23	retirements	188:10,24	122:6,9 135:18
165:25 166:4	resources	102:11	190:3 194:4,6	139:3 144:15
180:10 189:1	125:10,21	<b>return</b> 71:17	196:19,22	155:18 164:20
require 167:16	139:20 149:2	75:20 138:17	206:22 207:1,7	166:20 167:4
198:21,21	159:2 204:18	<b>revenue</b> 65:10	208:13,14,18	170:12 176:7
required 21:21	<b>respond</b> 5:4 6:7	65:12 69:7	208:21,24	176:25 178:9
22:2 29:16,24	7:3,7,14 9:8,10	83:4,8 84:21	215:17	181:5,20 189:3
31:3 34:12	10:13,21	103:24 154:10	reviewed 87:23	189:10 191:21
35:16 36:16	151:24 152:7	154:12 155:10	90:14,18 106:4	191:25 197:7
39:4,16 40:7	responded	156:13 157:7	116:14 132:23	199:15 203:2
41:9 51:20	70:20 166:2	205:7 209:13	133:2,22,24	203:11 204:17
52:4,25 111:19	<b>responding</b> 6:11	209:16,22	136:22 148:9	206:11 207:12
118:18 139:25	6:12 9:6	<b>revenues</b> 38:10	149:11 159:4	208:5 213:25
197:13	responds 5:20	39:13 156:23	169:9 215:19	214:7
requirement	6:24	157:5,24 191:7	reviewing 82:8	road 100:1
33:16 57:9	response 4:23	review 5:22	91:20 101:19	197:16
65:10,12 69:8	6:4 13:12,17	18:16 22:18	114:7 145:16	rock 20:18
83:5,8 84:22	13:19,20 20:24	26:15,20 27:21	186:23 188:2	role 62:11,21
103:25 107:6	44:16,18 71:15	28:2 31:3,11	188:12	63:21 172:15
113:4 154:10	72:5 74:1,11	31:13,16 32:7	reviews 28:7,21	<b>roof</b> 212:9
154:12 155:10	74:12 75:16,19	32:12,18,19,19	30:25 31:4	<b>room</b> 3:10 136:4
156:13 157:7	77:5 85:15	32:23 41:5,10	41:7 54:8	<b>Rough</b> 68:5
150.15 157.7	11.5 05.15	52.25 +1.5,10	+1.7 5+.0	Kougn 00.5

roughly 85:3,5,7	113:1,8,17,18	52:22 53:2	59:5 60:13	sell 76:22
93:6 97:6	114:9,9,12,18	54:12 69:19	77:2 89:15	send 197:16
206:22,23	114:22 115:11	76:15 92:12,13	91:12,15 92:11	sense 18:23
round 115:15	211:5,16	92:25 93:9,10	92:13,16,22	124:21 155:16
217:24	sample 82:15	93:17,21,22	93:7,8,21 94:7	209:11
rounds 69:11	87:22 124:15	94:6 95:4,8,17	94:24 95:1,5,9	sent 109:22
routinely 136:22	139:21 140:2	96:14,16 97:7	95:20 97:3,13	143:22 166:15
<b>rule</b> 13:10 29:13	140:10 145:23	97:14 99:15,23	97:14 98:4,13	167:22 168:19
29:15,21,25	145:24	99:23,24,25	99:13 100:15	173:5 175:24
30:14,15 31:1	samples 57:7	117:24 118:16	102:24 103:6	176:3,16
31:19 35:14	sampling 35:13	134:23 157:4,6	103:10,13,13	194:12,16
36:19 38:17	87:21 124:18	167:12 172:16	105:10 107:4,7	206:18
39:4,16 40:7,9	140:14 194:21	182:23 193:7	109:2 111:25	sentence 30:18
40:16 50:7	San 210:18,23	206:18 212:1	112:1 113:3	47:6 93:16
51:18 53:23	sandbagging	scan 160:7	117:23 118:1,6	95:21 96:23
69:13,18	10:2	schedule 14:4	118:11 129:10	97:15
110:22 111:18	sat 196:12	70:11,11 101:8	130:22 133:13	separate 175:4
111:19,22	satisfied 158:24	106:25 107:1	133:16 134:10	separately
114:12,14,16	satisfy 30:4	153:19 190:6	134:11 135:3	152:23
114:18,19,25	satisfying	215:14 217:24	139:10 142:8	September
115:1 138:7,11	114:12	schedules 36:7	144:25 145:3	68:10 106:13
150:8 182:23	saw 105:14	37:18 47:3	145:20 148:17	141:4 170:18
183:4 203:17	116:7 167:5	48:24 49:1	156:12 158:14	181:7 188:3
rules 15:25	190:20 196:8	69:21 70:7	162:2 164:2,12	190:1,13 201:5
21:10 29:11	saying 5:21	scope 7:19	166:4,6,18,22	207:18
30:19 35:18	11:22 19:12	113:21 119:3	166:23 168:10	series 165:11,25
46:8,10,13,17	31:17 35:6	130:19 138:4	169:15 170:23	<b>serve</b> 36:9 37:20
75:15 76:15,15	58:13,25 63:25	145:2 149:13	171:9 176:8	served 29:7
76:18 110:15	71:21 74:22	second 29:10	179:7 181:21	<b>service</b> 1:3,12
110:18 111:13	96:2,5,7 135:2	80:5 93:4,16	184:22 188:18	1:16 2:16 3:10
111:21 112:22	154:24 157:18	95:21 97:15	194:21 195:21	3:16,20 4:5
112:23 113:1,8	168:3,5 186:9	section 23:9,12	199:2,5 202:23	16:24 22:5
113:17,18	189:12 191:1,5	26:9,9 29:3,4	203:9 207:14	27:8 59:6 75:8
114:9,10,13,22	191:11,15	33:12 35:18	211:18 213:15	76:2,6 90:3,22
ruling 26:4	192:22 193:7	38:5 47:21	seeing 74:2	90:25 91:2,5,7
153:4	203:13 212:5	69:13,18 90:1	153:1 168:6,11	93:10,17 97:25
<b>run</b> 15:22	says 6:9,11	93:8	191:14	98:2,13 99:9
<b>rush</b> 136:11	11:19 15:16	sections 29:1,11	seek 52:24 53:14	132:2 139:5
	16:10,19 17:24	53:25	53:19	155:5 164:2,7
S	18:8 19:24	see 11:2 12:7	seeking 36:5	164:10,15,18
<b>S</b> 1:17 2:1 3:6	26:14,19 30:19	13:15 21:13,22	seen 88:17	164:19 169:16
saddle 216:24	31:5,9 32:11	25:7 27:13	143:23 176:10	173:11,15,17
Sadly 20:18	35:4 36:3	29:8 32:8	203:9	174:3,17,21,22
<b>safe</b> 15:4 212:19	37:16 46:19	35:11 46:16,19	select 29:1 86:20	181:2 182:1,18
<b>safety</b> 19:24	47:2,6,14,23	47:19 48:20	selected 87:5,8	183:23 184:4,5
28:12 107:5	50:9,15 51:18	50:15 52:12	116:8,10,11	184:7,7,12
110:18 112:23	51:25 52:3,10	53:9 55:15,16	<b>self</b> 54:25	185:6,12,17
	l ·	Í Í	I	l

186:13,18	27:21,25 28:9	45:14,25 50:5	14:12 79:3,8	200:20
188:14 192:7,9	29:17 49:7,8	55:8 64:19	song 20:18	specifically 31:4
192:13 195:21	49:11 52:20	65:17 66:13	soon 28:13	50:2 88:18
195:23 197:2,5	53:24 54:6	67:6 75:8	109:16	90:15 92:21
205:12,13	67:2 100:11	80:20 122:23	sorry 11:9 13:20	104:1 113:24
209:17	112:2 175:23	146:23 147:16	24:19 32:14,15	118:17 132:24
<b>services</b> 86:13	177:19,22,25	154:13,15	34:16 42:12	134:1 136:15
87:7 117:3,25	178:3,9 186:17	sit 53:8 57:3,6	50:12,14 61:17	140:5 162:7
184:9	showed 5:13	57:10 63:14	69:17 86:2	168:11 200:17
set 3:12 10:20	102:11 173:5	76:7 108:6	93:14 99:21	<b>specified</b> 62:22
13:16 82:9	showing 26:10	site 85:8	104:23 107:2	speculation
90:16 138:11	26:13 27:13	sitting 74:23	107:11 108:21	43:24 207:23
161:6,21 205:6	36:12 47:7	136:9	109:24 140:9	208:1
sets 17:22 62:12	54:5 143:21	<b>situation</b> 125:12	151:23 159:11	spell 41:21
104:8 126:13	174:9 176:18	150:3	165:20 168:9	122:23
209:15	shows 5:16	situations	174:24 188:5	spend 199:23
setting 13:8	173:25 190:7	125:22	197:4	<b>sponsor</b> 150:6
settle 60:2,10	195:23	six 15:15,22	sort 89:25 104:9	sponsoring
settlement 59:17	side 55:3 121:7	21:3 23:1,3	149:2	150:12
59:22 60:7,9	signed 72:21	89:16 108:24	sought 47:19	spreadsheet
seven 61:6,7	73:9 161:12	117:17 121:25	50:10 188:15	102:13 144:5
66:17 68:24	171:21	122:1 136:16	sound 84:20	169:2 170:22
75:13 85:20,24	significant 31:1	<b>skepticism</b> 57:2	sound 34.20 sounds 127:3	182:2
86:4 115:23	74:16 210:11	198:23	199:15	spreadsheets
116:15 121:24	significantly	<b>skin</b> 63:18	<b>source</b> 164:21	206:14 207:11
122:1 144:8	28:10,14	skii 03.18 skyrocketed	164:22 170:21	<b>St</b> 2:5 4:2 72:22
shaking 216:20	190:24	190:9	185:2 199:5	99:19 100:2,4
<b>sheath</b> 106:4	silent 4:17	skyrocketing	sources 117:15	100:7 118:17
sheet 53:8 89:21	similar 24:21	201:12,19	speak 58:2	162:17
90:21 111:25	70:10 82:10	slightly 29:9	69:16 81:19	stack 144:11
195:16 200:2	102:25 118:8	small 141:13	181:10 206:5	188:10 206:13
sheets 46:5	126:6 129:20	194:3,7		stacks 199:21
48:13,17 70:9	144:12 201:9	smaller 83:9	<b>speaking</b> 162:13 <b>speaks</b> 5:24,24	staff 2:15 3:2,3,3
71:24,25 82:13	211:16	128:13,19,19	-	3:3,4 4:5,8 5:9
82:19 83:1	similarities	smoothly 15:22	<b>special</b> 134:12 149:13	5:11,12,17
	130:2	v		
87:15,20,24		solely 137:16	<b>specific</b> 10:4	6:12,21 7:3,5
88:1,17 89:4,5	simple 16:25	somebody's 8:9	51:2,11 65:23	8:2,5,9,25 9:1
101:24 102:21	201:1	something's	66:10 85:23	9:14,15 11:17
102:24 104:19	simpler 122:12	184:2	86:8,21 98:11	11:19,21,22
115:19 144:11	<b>simply</b> 7:23	somewhat 96:18	99:2 100:15	14:1 15:1,19
164:14,15	14:12 139:6	103:6 141:7	101:9,14 103:9	15:21 16:3,5
166:25 168:7	141:12 200:10	Sommerer	105:3 109:9	16:17,17 17:4
168:13 180:3	<b>single</b> 27:24	13:25 15:3	115:23 116:13	18:8,15,25
181:19 196:8	44:2 133:20	23:25 24:5	116:15 118:25	19:1,16 23:16
198:12	186:23 188:2	78:12,17	119:4 157:4	23:21,24 26:13
<b>shot</b> 190:9	sir 38:22 42:22	219:20,21	167:12 168:11	26:19 28:5,7
<b>show</b> 20:25 26:4	44:10,11 45:5	Sommerer's	182:16,24	28:18,21 31:6

39:11,11 40:2	218:9	120:1 123:10	<b>steel</b> 97:20	35:20 36:2,24
44:6,7,22,25	<b>Staff's</b> 5:21 8:23	137:1 141:18	step 201:19	40:22 46:16
57:4 58:5,18	13:1 19:2	148:24 165:6	steps 128:18	47:17,20 50:6
58:24 59:4,10	27:21 58:19	215:15	133:6,11	51:17,18,19
59:11,17 60:18	73:17 77:5	statement 15:12	stock 169:20	52:3 54:12,19
61:3,10,11,15	119:12 137:9	20:17 21:15,18	<b>stood</b> 15:14	subsections 47:9
61:19 63:3,11	138:20 139:14	22:11 44:12	<b>Stores</b> 86:15	54:3
63:13 69:1,24	140:3 150:6	136:5,21 159:1	strategic 92:25	subsequent 28:3
70:3,16,21,22	186:1 199:17	184:18 198:17	93:9 95:24	52:5 159:4
72:13,23 73:9	199:18 215:9	statements	96:21 97:1	Subsequently
75:2 76:1,2,5,7	stand 12:4 14:19	13:22 15:7	strategy 28:11	159:10
77:14,18 78:10	14:25 24:5	185:15 207:17	straying 141:19	substance 16:21
80:6 83:2 84:5	59:24 60:6	states 11:17	141:21,22	substantially
91:24 101:18	79:1 173:12	184:12	Street 2:4 4:2	193:22,24
108:22 109:12	standard 6:3	statute 9:14	stricken 10:6	194:4 201:22
113:2 119:11	8:17,18 19:17	15:24 18:6,18	strike 4:19	successful 174:8
124:24 125:8	19:21 124:10	19:5,24 20:3,5	10:14 108:10	sudden 162:9
125:22 126:10	141:11,22	21:20,25 22:4	200:22 213:8	sufficient 5:23
128:23 129:12	145:10 171:9	22:15 23:9,16	213:23 217:13	9:2 11:23,25
130:17 132:23	184:16 186:21	24:22 25:6,6	strong 40:18	18:16 26:14,20
133:15,15	standards 56:21	25:13,18,18	struggling 63:2	31:10 38:9
134:5 135:3,21	124:15 139:18	26:22 29:2,21	stuff 34:12 37:5	125:10,23
136:22 137:11	185:16,22,23	30:25 31:9	38:3 41:3	140:19 158:10
137:19 138:4	185:24 186:1,5	32:5,6,17,24	54:22 108:11	158:12,16
140:4,9 141:2	198:20,20	33:6,25 36:20	108:14 163:9	159:2 161:9
141:25 145:2	stands 94:12	37:10 62:11,12	197:25	172:1 183:21
145:12,14	staple 124:20	62:23 75:5,6	Sub 24:13 32:11	199:4 213:19
147:19 150:8	start 46:1 61:3	103:10,11	36:3,24 38:19	214:25 216:10
150:16,24	64:5,10 85:1	107:5 111:15	52:9,22	suggested 142:2
152:1,10	93:18 195:8	113:5,8,12	subaccounts	suggesting 98:8
154:16,16,17	201:12	128:6,9 138:7	184:8	summaries
160:3,23,24	started 28:12	138:11 139:18	subject 36:10	65:24
161:1,3,15	67:4 73:5	157:3,9,20,22	86:6 130:7	summarized
162:25,25	86:24 201:12	163:25 164:1	<b>submit</b> 36:6	104:10
163:7,7,9,11	210:11	172:14,15,20	37:17 47:3	summary
164:12,14,16	starting 48:18	182:15,22	69:21,24 70:3	164:15
165:1,8 167:5	55:14 89:16	183:25 185:18	108:11 213:12	supervise
171:18 172:10	133:13 208:19	208:16	216:21	124:23 125:2
180:4,12,14	210:8	statutes 21:9	submitted 39:4	supervised
182:11 184:22	starts 17:12	22:12 24:25	39:7 41:9	72:23 84:13
184:24 186:4	107:1	30:20,21	162:25 174:21	159:21
187:3 188:1,6	state 1:2 44:5	110:15	submitting	supervising
192:1 196:21	61:9 80:11	statutory 18:22	107:23	131:3
199:24 200:1	107:5 119:17	19:3,20 22:18	Subparagraph	supervision 84:3
201:16,17,20	122:20 140:4	24:12,15 31:5	65:20	supplement
205:21 206:2	151:4 154:9	34:14,22 75:14	subsection	37:9 38:13
208:17 217:22	stated 80:25	157:15,17	24:19 29:4,15	44:16 49:5
	I	I	I	I

supplemental	93:19 96:9	146:8 153:9,24	temporary	11:21,24 12:2
6:25	102:9 110:23	155:2,24	174:2	12:18 13:3,3,5
supplied 40:8	131:18 135:1	184:11	ten 6:14 9:20	13:16 14:1,7
52:19 75:25	138:8,15	takes 38:23	70:23 190:19	14:12,18,24
145:16	143:12 165:9	209:12	190:21 191:3,6	23:25 24:1,3
supply 25:19	194:10 213:12	talk 24:25 31:9	190:21 191:5,0	41:25 42:2,5,9
support 30:12	surprised 129:8	112:16 206:12	tender 43:8	42:18,21,24
31:24 59:18	143:9,16 211:4	talked 12:17	81:13 120:19	43:3,25 44:4
95:24 96:6,15	211:12,24	72:6 195:14	123:25 153:25	46:2,3,14
137:11	surprising	206:4	tenure 124:25	48:10,14 58:4
supported	148:19	talking 10:9	125:1	58:23 61:9
154:17	surrebuttal 13:5	30:23 60:23	term 24:13 61:2	64:22 70:10
supporting	suspect 137:19	113:7,8 114:13	72:19 128:1,2	73:25 78:12,14
17:24 18:1	suspended	127:4 167:1	terminology	78:17,18,23
24:14 25:19,21	153:4	127.4 107.1	129:23	79:3,9 80:15
26:2 29:6,16	sustain 60:14	196:25	<b>terms</b> 40:9 57:2	80:18,23,25
33:16,19,23	107:17 207:25	talks 5:21 9:1	68:21 103:12	80:18,23,25 81:5,24 88:16
33:16,19,25 34:1,18 35:3,5	Sustained	24:22 33:11	124:21 133:16	89:10 101:23
	210:21	54:19	140:9 144:18	108:10 101:23
35:7,13,15	<b>Sutters</b> 100:1		140:9 144:18 145:12 149:20	
36:7,11,16		target 171:15		119:24 120:1,6
37:18,24 38:1	swore 161:14	207:13,15	150:12 166:19	120:10 123:2,6
38:20,25 39:17	171:21	<b>tariffs</b> 23:16	173:6 217:2	123:8,15
39:18 40:10	sworn 41:16	<b>tax</b> 58:6,14	<b>Territory</b> 1:12	126:13 130:10
45:16 47:3,6	80:8 119:14	59:19 60:19	1:16 3:17,21	133:3,13,19
69:21	122:17 151:1	74:17 102:11	test 15:14 76:4	134:15 135:2
<b>supports</b> 6:20	184:18 198:17	138:17 155:1,6	157:12	135:20 147:11
<b>supposed</b> 37:23	system 1:11,15	155:12,25	<b>testified</b> 16:5	148:1,5,12
38:20 63:13	3:15,19 118:8	156:17 204:21	89:18 128:1	149:3 151:12
107:22 176:16	118:13 178:1	205:19,20	132:22 137:8	151:15,18,22
supposedly	182:17	209:8,8	179:22 198:2	152:2,7,8,17
63:15	T	taxes 59:1 61:5	205:15	153:17,17
surcharge 1:12	tab 102:19	73:6,15 74:25	<b>testify</b> 150:9	154:6 158:9
1:15 3:16,20	table 199:22	75:676:16	199:11	165:16 171:6
10:25 27:24	table 199.22 tabs 102:16,17	77:6,16 142:10	testifying 176:2	184:11 187:15
35:8	take 13:9 23:8	154:19 172:4	testimonies 5:8	190:4,5 191:19
surcharges	37:21 39:2	172:17 205:2	5:12 151:24	200:10 203:2
12:21	78:9,10 79:24	209:15	<b>testimony</b> 4:20	208:6 212:24
<b>sure</b> 17:25 32:22	101:15 135:12	technically 80:5	5:7,9,19,24 6:3	213:8 215:8
32:23 41:2	136:12 146:6	<b>tell</b> 12:18 38:12	6:10,18,24 7:4	216:6 219:19
47:22 53:6	148:23 154:7	57:7 66:11	7:11,13,15,17	219:19,20,20
58:16,16,23	160:4 167:8	76:14 91:5	7:20,21,23 8:3	219:21,21,22
59:22 61:24	193:5 203:10	123:5 132:21	8:9,12,14,15	219:22,23
62:4 63:19	213:14	135:8 172:13	8:17,18,19,20	<b>thank</b> 3:25 4:4
68:271:5	<b>taken</b> 56:12,14	172:14 173:7	8:20,21,23,24	4:10,12 15:5,9
72:18,19 73:20	80:2 135:7,8	telling 99:8	9:2,3,10,22	17:19 20:12,13
74:2 84:21	135:14 139:4	tells 38:11 39:12	10:5,22,23	20:14 24:7
88:18 92:20	155.14 157.4	47:17	11:3,8,11,14	27:1,2 31:19
	•	•	•	•

32:3 37:7,12	101:12 104:20	187:1,12	39:19 40:18,21	73:2 81:6
40:13 41:11	138:6,16	189:18 193:14	44:5,9,20,23	109:17 120:7
42:12 43:9,12	148:11 188:8	194:15 196:3,4	44:24 45:1	123:16 173:12
44:3 45:19,20	195:21 198:24	198:6,8 199:15	46:19 47:2	173:12 185:19
45:21 64:14,16	198:24	200:23 201:20	59:15 61:13	186:9 208:7
64:18,19 65:14	think 5:5,15,25	202:2 206:4,16	63:6 68:8	today's 153:10
65:18 67:7,9	6:1 8:16 9:7,9	206:20,24	69:19 75:19	213:10 218:5
68:13,15 69:17	9:11 10:1,20	207:18 208:17	76:5 77:15,21	told 84:17
77:25 81:17	11:15,20 12:5	209:3,18,24	79:24 81:25	tomorrow
83:12 105:15	12:10,22 16:9	210:11,14	99:3 101:16	109:18 213:18
105:16 110:2	18:23,25 19:17	212:3 215:18	104:18 121:20	215:15,22
115:3 119:8,10	19:22 24:18	third 94:23	124:13 125:3,9	216:4,10
120:18,22	25:2,14 33:11	109:24	125:10,20,23	217:14
122:2,6,9,25	34:19 35:4,6	thorough 28:19	126:2,19 127:2	top 22:7 29:15
123:25 124:3	37:14 40:20	31:10 171:6	128:2,5,13,19	89:12 90:1
127:17 142:19	43:24 45:18	thought 20:22	128:19 134:2	92:11.15
144:15 146:3	50:1 53:5,15	20:23 32:13	136:18 138:24	130:12 142:5
146:12 147:8	53:21 56:6	40:15 73:18	139:20,23	total 44:17 68:3
150:15,20,22	57:20,20,23	77:12 78:8	141:8 144:16	69:4 85:20
158:1,5 174:11	58:22 59:2,3	187:14 191:14	146:1 147:22	93:5 140:17
175:16 177:2	59:10,10,15	<b>three</b> 5:8,10	147:22 149:1	150:14 166:14
179:20 180:18	60:1 61:8	7:22 10:9	154:20 156:25	191:15 197:11
191:24,25	62:19,21,24	23:21 61:4	158:10 159:2,5	202:6 208:13
193:12,16	63:20,23,24	93:11 94:9	160:13 161:9	208:22
195:2,4 209:25	64:4,9,12 66:7	188:11	163:22 167:8	totaling 166:22
210:4 212:12	66:16 70:22	Thursday 13:4	171:25 175:21	167:13
212:24 218:13	71:3,14,22	216:17 217:20	187:1,11 189:1	totals 65:6
themself 183:2	72:9,20 73:9	218:3,5	189:24 190:8	tough 27:23
theoretical	88:11 95:11	<b>tied</b> 11:3,13	195:22 199:23	traditional
129:16	111:1 112:11	28:12	201:17,17	150:6
theoretically	115:18 118:16	ties 103:9	203:14 208:22	transaction
208:18	121:25 125:19	tight 209:3	210:1,16	184:4
they'd 197:19	126:24 134:5	215:13	216:11,12,18	transcript 1:4
thick 144:12	136:23 138:13	<b>time</b> 3:9,12,22	216:23 218:18	204:13 213:16
thing 12:15	139:13,24	4:18,24 5:22	timeline 141:6	218:2,4
21:10 22:2	140:15,24	9:1 11:19,23	timely 30:21	transferred
35:25 53:11	142:5 144:2,10	11:25 13:21	times 23:12	159:10
68:21 77:2	145:6 149:3	14:6,23 15:14	72:17 158:1	transitioned
108:21 116:5	158:25 159:5,9	16:4,7,10 17:5	202:2	185:4
139:3 149:2	160:19 164:16	18:11,16 19:9	<b>timing</b> 37:22	transparency
162:4 176:20	164:16 165:25	19:17,20,21,22	98:1 128:14	12:17 13:7
187:20 197:17	172:10 174:19	20:19,24 23:8	<b>title</b> 151:6	transparent
209:17 211:22	178:22 179:25	25:13 26:4,15	today 3:8 12:1	12:19,22,25
things 5:25 9:7	180:2,3,4,12	26:20 31:5,10	13:16 15:15	traveled 162:17
30:5,6 41:7	180:14,23	31:16 36:3	23:22 27:9,13	treat 217:6
47:23 50:11	182:15 183:1	37:16,22,25	27:20 31:20,21	treated 149:18
65:21 91:7	186:14,25	38:2,11 39:7	42:5 59:17	160:23,25
	l ·	l	I	l ·

217:1	trying 11:1	types 130:20	16:2,13 17:19	175:4 176:16
treatment 137:4	25:17,20 60:6	131:20 146:1	19:7 21:8	180:17 186:18
trend 5:16,16	86:12,14	157:4 169:21	25:14 37:2	208:4
22:21	108:10 137:7	196:16	38:13 49:25	updating 16:12
trends 22:23	160:7,21 193:5	<b>typical</b> 118:23	61:2 62:9 66:4	20:1,4,6 28:15
tried 71:20	207:5	119:6 148:11	66:19 70:2	38:4 53:22,25
trip 160:12	<b>turn</b> 4:16 29:10	typically 124:12	73:17 75:5,7	54:4 59:6
true 6:15 27:16	47:12 93:4	124:16 147:21	75:21,22 76:3	68:22 73:5,15
34:2 81:1	94:23 97:2		76:11,15 77:5	74:24 77:12,15
89:12 90:10	117:20 118:15	U	77:14 125:23	156:14,14,16
120:2 123:10	133:12 134:14	ultimately 126:3	125:25 126:5	174:13
152:19 158:20	147:25	140:8,9	126:16 127:7	upfront 126:21
161:7,24	turned 48:19	unable 45:1	127:13,15	upheld 25:8
trued 20:9 45:13	turning 7:5	125:18,20	129:1,4,6,13	upholding 25:3
true-up 17:15	twice 16:20	unclear 26:5	129:21,24	<b>use</b> 17:8 19:18
19:6 25:14	two 3:13 5:9	uncomfortable	150:7 154:7	55:1 61:2 63:5
27:15 29:18	6:13 14:9	150:5	155:4,15	67:2 117:9
30:24 32:17	16:13 17:8	uncommon	158:17,21	121:16 126:24
61:2,12 66:19	23:12 40:2	135:24	159:22,23	134:12 148:3
82:11,22,22	41:22 59:7	underlying	160:17 162:8,9	134.12 148.3
86:25 87:1,4,4	61:7 67:15	148:7	162:20 163:1,7	<b>useful</b> 16:24
	69:9 77:4	understand	· · · · ·	
87:9,9 90:18	81:25 82:23	17:25 25:16	163:8,11	17:2,3,9 22:8,9
126:4,9,15		47:22 53:17	166:15 175:5,7	36:23 50:25
127:7,10,15	84:17 85:5,25	58:17 63:8	194:12,19	51:9 164:2,7
129:3,17,21	86:1 87:1,4	75:9 124:11	207:19	164:11 173:12
130:7 137:17	93:25 96:10	130:5 153:4	<b>updated</b> 14:9,10	182:19 183:24
150:7,12 154:7	98:17 104:7	160:25 191:2	16:4 39:10,22	184:2,6,12,23
154:10 155:4	108:14 125:16	understanding	39:23,25 40:11	185:18 192:7
155:16 208:4	134:10 138:6	30:16 33:14,18	45:13,16 70:4	<b>uses</b> 57:1 76:7
208:20 209:9	150:19 154:25	63:13 75:16	77:4 81:25	110:12,17
209:11,21,21	159:22 181:21	78:21 80:20	82:5,14,24	112:19
true-ups 17:11	186:18 188:11	88:3,8 96:9	104:17,25	<b>usual</b> 131:5
24:22,25 25:4	195:12 196:11	112:3 118:23	106:7 121:23	<b>usually</b> 7:13
25:8 30:22,23	202:5 211:2,19	understands	125:7 126:17	52:19 70:22
39:9 59:21	two-month	114:7	154:19 156:7,8	76:3 102:14
60:17,22 75:15	160:16 162:20		158:12 167:25	135:6,8 147:22
150:17,18	163:8	understood	177:14 215:5	utilities 19:25
157:13 159:6	<b>two-week</b> 128:7	117:2	217:17	73:16
162:11 181:12	<b>type</b> 30:24 49:18	<b>undertake</b> 139:8	updates 16:7,8	utility 15:21
189:3,8,16,18	95:1 114:11	<b>unfair</b> 153:18	24:23,25 25:4	17:23 36:4,10
206:7 208:10	117:23 118:25	<b>Union</b> 97:20	25:8 39:9	56:2,3 69:19
trust 192:24	144:24 169:1,2	unreasonable	58:25 61:3	151:8 156:22
193:1	169:7 170:8	27:14	64:5 66:3 67:5	177:19 184:6
<b>try</b> 20:23 88:10	184:21 196:13	unrelated 38:16	75:8,15 125:9	
102:6 128:20	197:25 201:18	<b>unusual</b> 145:6	154:25 157:13	<u>V</u>
143:24 180:13	211:19	unwilling 150:5	158:15 163:10	<b>vague</b> 96:17,18
213:17	typed 107:10	<b>update</b> 15:18	168:8 171:16	96:19
	1	l	l	I

<b></b>				
<b>valid</b> 212:5		ways 136:2	44:21 53:21	184:3,14,20,24
valuation 142:7	<b>W</b> 41:14 42:9,18	Wednesday	66:16 75:12	185:21 186:3,8
<b>various</b> 111:15	43:4 219:2	217:25	178:24 189:13	186:12,25
131:9	wait 9:20 14:25	week 85:3	206:6 209:2	187:9,17,23
<b>verbal</b> 87:17	waiting 38:1	153:18 218:10	wide 9:7	188:4,22 189:4
verbiage 147:6	walk 30:17	weekend 218:1	wild 185:11	189:11,15,17
verifiable 182:4	89:14 102:1	weeks 6:13 17:2	wildly 183:7	190:4,15,23
182:6 183:20	walking 54:5	85:5 108:14,24	<b>WILLIAM</b> 1:21	191:6,12,17,22
198:4,15	walks 31:12	164:10	<b>willing</b> 59:21	202:6 203:3
verification	want 7:2 11:1	<b>Welcome</b> 20:24	179:5 187:19	215:9,17
100:3,6 185:16	17:24 19:24	Wells 23:22 62:5	wish 127:8	216:14 219:2
193:2	35:8 40:14	80:7,11,13,14	withdraw	witnesses 5:8,10
verified 181:2	58:16 72:2	80:15 81:22	135:17	5:10 6:10
182:12 186:13	101:15 129:2	101:7 106:1	withdrew	23:22 142:22
195:9,10	130:18 134:11	115:10 119:11	186:16	150:8,23
verifies 173:19	156:20 160:4	121:19 131:16	witness 4:20	151:25 152:1
verify 84:18,20	167:6,18	143:10,22	5:21 11:14	152:10
89:12,19 99:8	172:14,19	219:5,20	16:11,18 21:11	wondering
101:14 108:8,8	176:1 185:21	went 53:18	28:20 41:13,16	18:24
110:15,21,22	194:20 199:2	74:19 82:10	42:11 43:8	word 92:3 96:22
111:2,7,10,21	202:7 205:4	91:22 100:12	60:5 64:16,19	134:11
111:24 113:17	202:7 205:4	116:6 164:24	65:2,8,17 66:2	wording 136:1
114:11 139:7	216:21	173:7,15 190:3	66:12,16,18	148:3
145:7 164:23	wanted 86:24	192:9 197:9	67:4 74:9,23	words 19:23
167:6 173:17	166:14 176:5	207:16	76:25 78:2,6	25:18 33:10
181:4 184:15	194:21 210:3	weren't 20:21	79:1 80:5,8	37:22,25 97:13
185:9 196:21	wants 203:25	54:1 65:25	81:13 101:8,11	142:17 168:18
197:1,3,5,20	wasn't 8:14 9:24	190:21	101:21 102:5,9	172:19,21,22
199:6 213:1	22:9 30:10	Western 21:5	103:2,19,22	182:21
215:20,24	71:10 133:4	we'll 3:23 5:1	104:3,7,22	work 10:12,13
verifying 90:10	155:17 160:24	13:15,16 78:13	105:6,14,16,19	11:6,13 19:24
view 18:1 82:15	183:11,14,19	82:11 179:13	114:6 119:11	20:20 21:24
139:19 141:22	Water 57:23	200:20 202:10	119:12,14	36:11 38:2
viewed 111:5	133:6	204:11	120:19,21	46:3,13 47:7
violates 21:20	way 10:16 14:4	<b>we're</b> 9:6 27:8	122:13,17	48:10,12,12,17
21:25 22:3,11	15:23 17:17	27:10 30:7,23	124:1 136:14	48:20,23 49:17
22:15,17	36:15 40:5	33:14 41:4,6	138:6,23	49:18,23 50:3
violation 182:21	67:1 70:18	59:12 80:1	139:19 140:8	53:8 64:25
183:3	72:11 76:10,11	96:2 108:19	140:24 141:7	65:5,7,23
<b>visit</b> 188:8	103:1 116:5	109:1,3 111:20	141:21 142:4	66:10 67:2
196:10	136:18 147:15	127:4 154:24	151:1 152:1,6	70:5,9,13 71:2
<b>visiting</b> 160:12	148:20 164:17	162:10 189:7,9	152:9 176:19	71:18,19,24,24
<b>visits</b> 85:8,12	171:25 180:14	191:20 195:22	177:4,9 180:4	72:12 80:1
Volume 1:9	183:13 185:9	202:13 213:15	180:23 181:4	82:14,18 83:1
voluminous	186:20 196:21	218:16	181:10,20	86:24 87:2,2
88:8 131:8	214:22	<b>we've</b> 9:5 11:3	182:6,14	87:15,16,19,23
		23:7 26:14	183:13,16,18	88:1,2,5,11,16
	I	1	I	I

	1	1		
89:3,6,7,9,17	167:4,5,12	<b>WO-Relocation</b>	Z	193:9,15,16,18
89:25 90:1,5,7	168:6,12 169:4	95:4	Zucker 2:2 3:25	195:1 200:11
90:9,19 91:19	169:6,8,13,17	write 57:10,11	4:1 6:6,8 9:11	202:13,25
91:21 92:8,12	169:20,22,24	160:7	10:4,7 12:10	203:19 206:14
93:21 94:24	170:10 173:24	writing 189:1	13:18 15:8,9	207:10,22
95:1,20 97:2	174:1,4 177:14	written 5:3	18:4,8 19:5,14	210:3,4,6,22
97:15 98:4,7	177:22,25	13:12,19	19:22 21:1	211:12 212:12
98:11,25 99:12	178:3 179:23	wrong 12:8 25:2	24:21 37:8,13	213:13 214:24
100:11,15,15	179:25 180:2,4	136:10	38:22 39:6,18	215:1 216:19
100:16 101:19	180:5 181:7,18	wrote 18:15	39:23 40:13	217:1,9,10
101:23 102:2,6	185:2,5 186:24		41:12,14,18	219:3,4,6,7,9
102:8,14,20,22	187:3 188:2,9	Y	42:8,12,17	219:11,12,14
103:2,8,17	188:10,19,24	<b>Y</b> 1:20	43:2,8 53:20	219:15,16
104:5,8,9,17	190:2,11,11,23	yeah 25:16 33:9	60:8 67:9	
104:19 105:7	193:21 194:2,4	34:11 57:4	68:14,15,17	\$
106:7,7 109:3	194:10,13,15	61:19 74:1	69:15,17,18	<b>\$10,000</b> 167:13
111:14 112:12	194:19 195:7	84:7 86:5	74:8 76:20,24	<b>\$12,870</b> 210:13
114:16,19	195:10 196:7	103:22 108:1	77:3,25 78:4,5	<b>\$12.004</b> 65:11
115:18,19	196:15,18	108:15 111:5	78:7 79:6,11	<b>\$2.7</b> 69:12
116:6,17,19,20	197:10,11,19	112:15,20	79:13,16 81:15	<b>\$21</b> 68:6
116:21 117:6,9	198:12 199:13	126:8 158:15	81:17,21 83:11	<b>\$217,000</b> 93:6
117:18,20,23	199:18,20,22	160:10,19	85:16 101:5	<b>\$28</b> 68:1
117:24 118:19	200:1 208:25	161:4,13	105:18,25	<b>\$4.362</b> 49:5
121:10,21,22	211:5 214:21	163:13 164:21	106:20,24	<b>\$4.865</b> 49:4
121:25 122:1	215:5 217:18	166:13 167:15	107:18 108:3,5	<b>\$474,000</b> 95:18
125:3 130:17	219:23,24	170:8 178:4	108:17 109:10	<b>\$474,085</b> 95:18
131:5,7,15,18	worked 61:23	181:15 186:12	109:21 110:3,4	<b>\$50,000</b> 83:3
131:19,23	64:12 69:1	191:6 193:13	110:7 120:22	87:23 140:16
132:2,6,9,12	71:22 72:7	199:14 202:9	120:24 121:2	
132:15,22,25	124:24 128:23	206:16,17	120:21121:2	0
133:20 134:6,8	140:11 142:24	207:23 212:15	124:2,3,5	<b>0025</b> 160:4
134:13,13	working 141:9	215:24	127:17,25	<b>0026</b> 162:12
135:22 137:1,7	159:15	<b>year</b> 91:14 95:24	142:24 143:3	<b>0196</b> 78:18 79:3
139:14,22	works 66:21	97:18 109:25	143:18,21	<b>0197</b> 23:23
140:3,5,6,14	worksheets	206:24 207:17	144:15,18	78:18
141:2,3,5	217:18	207:18	146:2 153:13	<b>0221</b> 58:22
142:14 143:6	work-ups	years 11:12	158:4,5,7	<b>08</b> 158:9
143:10,13,13	158:18	15:23 20:15	160:1,3 165:19	1
143:16 144:6,9	worn 92:8 94:20	56:13 61:6,7	165:21 166:6	
144:11,13,21	worst 10:2	66:17 68:24	166:11,17	<b>1</b> 3:1 10:16 17:1
144:25 146:19	worth 68:1	75:13 98:17	170:11 173:1,4	21:19 24:13
146:25 147:3,5	wouldn't 54:25	130:23 131:1	175:17,20,23	29:4 42:9 70:14 18 84:22
147:8 148:2,6	141:12,19	157:13 199:9	176:7,21,25	79:14,18 84:23
148:9 158:24	143:15 149:13	199:10	177:13 178:24	89:16 92:14
159:3 163:6	149:17 155:3	<b>yep</b> 59:12	179:5,11,16,20	138:12 164:5
164:14,20	169:10 188:25	<b>Young</b> 62:2	179:21 180:18	213:3 219:18
166:19,22,24	209:1		177.21 100.10	219:18,18,19

219:19,20,20	<b>115</b> 219:8	214:17,18	210:16 211:1	<b>26,000</b> 201:13
219:21,21,22	<b>119</b> 219:9	216:25 217:16	<b>2012</b> 201:11	<b>265</b> 35:20
219:22,23	<b>12</b> 23:12 67:17	219:25	<b>2014</b> 45:9,9,11	<b>27th</b> 215:23
<b>1st</b> 9:13 10:1	70:24 88:23,23	<b>151</b> 219:13	64:9 98:16	<b>273</b> 201:6
34:4,10,21	88:24,25 89:2	<b>153</b> 219:22	125:2 159:7	<b>28</b> 44:18 67:23
45:11 46:25	89:17 101:2,3	<b>154</b> 219:14	195:22	67:23 69:4
184:13 198:8	101:6 105:22	<b>158</b> 219:14	<b>2015</b> 15:11 23:4	72:10
201:5 205:12	117:16 146:17	<b>16</b> 65:5.9	68:11,11 97:18	<b>28th</b> 216:17
207:3	146:23 213:4	<b>16.5</b> 67:16,20	125:2 130:13	217:19 218:3,6
<b>1,000</b> 94:10,11	219:23	<b>17</b> 6:15 62:15	141:4,4 170:18	<b>29</b> 44:18
<b>1,001</b> 94:6	<b>12th</b> 23:4	<b>17,000</b> 201:13	170:18 174:18	<b>29th</b> 217:7,21
<b>1,237,278</b> 65:13	<b>12-inch</b> 97:19	<b>177</b> 219:24	174:22 175:1	<b>29,000</b> 201:13
<b>1,472,634</b> 65:11	<b>12.04</b> 67:21	<b>18</b> 18:13	175:11 182:1	
<b>1.1</b> 38:10	<b>12:30</b> 79:25	<b>18th</b> 41:25	188:3 190:1,1	3
1.2 69:9	<b>120</b> 208:22	<b>19</b> 58:10 134:15	190:13,13	<b>3</b> 3:2 42:12,13
<b>1.4</b> 69:9	219:9,21	171:6	2015-0025	42:14,16 44:5
<b>10</b> 3:4 10:17	<b>122</b> 219:10	<b>19th</b> 104:14,21	159:12	106:25 107:1
134:14 147:11	<b>123</b> 219:22	<b>192</b> 219:15	2015-0026	160:6,22 213:4
151:13 152:23	<b>124</b> 219:11	<b>193</b> 219:15	159:15	219:19
152:24 153:1	<b>127</b> 219:11	<b>195</b> 219:16	<b>2016</b> 1:7 3:9	<b>3,500</b> 97:8
213:4 219:22	<b>13</b> 49:2 106:21		4:22 41:25	<b>3.265</b> 46:16
<b>10,000</b> 201:10	106:23 107:19	2	42:19 47:1	69:13
<b>10:00</b> 109:18	109:7 112:6	<b>2</b> 3:1 22:3 26:9	82:7 130:14	<b>30</b> 49:2 56:13
215:15	176:15 203:18	57:24 58:10	133:21 164:5	65:5 102:16
<b>100</b> 141:17	214:16,20,21	74:12 79:14,21	167:23 173:9	201:5
178:20,22	214:23 215:7	93:6 138:12	173:10,15	<b>30th</b> 207:18
187:11	216:3 217:2,3	213:3 219:18	177:15 185:17	<b>30,000</b> 201:13
<b>100,000</b> 72:1	217:3,15	<b>2PL</b> 93:24	195:22 206:19	<b>31st</b> 34:8
<b>101</b> 174:3 184:8	219:24	<b>2,410</b> 93:22	<b>2016-0196</b> 165:2	<b>310</b> 3:10
219:23	<b>130</b> 108:7	94:16	<b>2016-0197</b> 165:3	314-342-0533
<b>1015</b> 24:19	215:19	<b>2-4-1-0</b> 93:22	<b>204</b> 219:25	2:6
<b>103</b> 106:5	<b>14</b> 10:16 22:16	<b>2:06</b> 146:5	<b>21</b> 6:16 44:5	<b>32</b> 65:3
<b>105</b> 219:7	95:24 158:9	<b>2:15</b> 146:7	51:17 52:10	<b>34</b> 131:1
<b>106</b> 174:2	163:25 177:3	<b>2:36</b> 109:23,25	62:16	<b>342,000</b> 97:5
219:24	177:12 179:19	<b>20</b> 29:15 35:21	<b>21st</b> 42:19	<b>360</b> 2:17 4:8
<b>11</b> 3:4 151:13	203:18 214:20	36:2,24 38:19	<b>210</b> 219:16	<b>37</b> 27:19 206:21
153:3,8 203:12	215:4 216:5,18	40:23 46:16	<b>212</b> 219:17	<b>39</b> 64:25
203:17 213:6	217:1,8,17	51:19 52:3	<b>2230</b> 2:10	393-1015.1
213:23 214:15	219:24	69:13,18	<b>23</b> 70:5 166:22	24:13 29:4
214:17,18	<b>14th</b> 85:4	<b>20(k)</b> 47:12	167:13	393-1015.8
216:25 217:12	<b>143</b> 219:12	<b>2004</b> 43:19	<b>23rd</b> 23:18	32:10
217:16 219:23	<b>146</b> 219:12	133:21 188:7	<b>24th</b> 98:16	<b>393.1015</b> 17:22
11,924,000	<b>15</b> 91:14 202:11	201:5,6	240-3.265(20)	24:18
166:22	202:24 203:18	<b>2008</b> 73:8	65:19	393.1015.1
<b>11.1</b> 167:14	204:14 210:2	<b>2009</b> 73:8 188:7	<b>25th</b> 159:7	33:15 37:14
<b>11:00</b> 79:25	212:14 213:25	<b>2010</b> 210:17,23	<b>26</b> 1:7	<b>393.1015.3</b> 23:9
<b>110</b> 219:7	214:2,9,10,15	<b>2011</b> 201:11	<b>26th</b> 3:8 4:22	
	1	I	1	

	1	I
4	<b>6CI</b> 94:6	219:21
<b>4</b> 3:2 26:9 38:5	<b>6,000</b> 201:10,14	<b>80</b> 194:2 199:13
43:3,5,7 44:4	<b>60</b> 9:16 10:10	200:1 219:5
55:13,14 62:13	11:18,23 18:17	<b>80s</b> 75:17
160:22 213:4	22:16 101:13	<b>81</b> 219:6,20
219:19	128:6,9,13,16	<b>83</b> 219:6
4CSR240-3.265	158:10 171:13	<b>88</b> 219:23
	187:15.22	
38:19	188:2 189:12	9
<b>4th</b> 217:25	189:17 194:2	<b>9</b> 3:4 10:17
<b>4:01</b> 218:18	207:7,14	64:23 123:7,19
<b>41</b> 219:3	207.7,14 208:12,13,19	123:20,23
<b>42</b> 219:19	208:24	213:4 219:22
<b>43</b> 219:3,19	<b>60-day</b> 9:20,21	<b>9th</b> 17:5 37:2
<b>45</b> 219:4	· ·	66:4,8 82:7
<b>46</b> 65:1	16:14 27:19	104:22 105:1
<b>478</b> 1:25	31:12 44:23	104.22 105.1
	107:24 141:6	108:22 109:13
5	206:21 208:16	
<b>5</b> 3:3 80:19 81:9	208:21	109:23,24
81:11,12	<b>61</b> 107:2	130:13 166:16
117:20 129:15	<b>62</b> 70:7	167:23 168:19
154:9 163:24	<b>63101</b> 2:5 4:3	173:6 175:25
166:12 213:4	<b>65102</b> 2:11	176:4,9,17
219:20	<b>65202</b> 2:18 4:9	179:6 180:9
<b>5s</b> 129:12	<b>68</b> 219:4	194:19 206:18
<b>5,000</b> 201:14		214:21 215:6
<b>5:00</b> 215:22	7	215:11,22
216:4,9 217:14	7 3:3 65:3	217:17
<b>50</b> 140:17,23	120:11,14,15	<b>9,000</b> 201:10
142:6 187:9	120:17 133:14	<b>9/10</b> 151:22
194:2	158:8 171:5	<b>9:06</b> 3:9
<b>50,000</b> 71:25	213:4 219:21	<b>900149</b> 99:13
83:4	<b>70s</b> 75:16	<b>900446</b> 98:4
<b>52</b> 107:2	<b>700</b> 2:4 4:2	117:21
<b>53</b> 93:11,17	<b>73</b> 82:19,21	<b>900547</b> 48:20
94:13,20	<b>75</b> 140:25 187:4	49:23 50:19,22
573-526-4887	187:8 199:17	<b>900647</b> 94:24
2:19	199:18 200:2	<b>900953</b> 97:3
573-751-5558	<b>79</b> 219:18,18,20	<b>901149</b> 118:16
2:12	219:21	
2.12		
6	8	
<b>6</b> 3:3 14:20	<b>8</b> 3:4 14:20	
78:23 79:2	32:11 78:24	
99:12 130:11	79:8,12 133:12	
146:22 213:4	147:25 148:4	
	154:7 213:4	
219:20	15 1.7 215.1	
	1	1