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THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF SOUTH DAKOTA

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IN THE MATTER OF THE COMPLAINT BY EL11-006
OAK TREE ENERGY, LLC AGAINST
NORTHWESTERN ENERGY FOR REFUSING TO
ENTER INTO A PURCHASE POWER AGREEMENT

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Transcript of Proceedings
April 23, 2013

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BEFORE THE PUBLIC UTILITIES COMMISSION,
GARY HANSON, CHAIRMAN
CHRIS NELSON, VICE CHAIRMAN
KRISTIE FIEGEN, COMMISSIONER

COMMISSION STAFF
Rolayne Ailts Wiest
John Smith
Karen Cremer
Kristen Edwards
Dave Jacobson
Brian Rounds
Patrick Steffensen
Brittany Mehlhaff
Jim Mehlhaff
Darren Kearney
Matthew Tisdal
Cindy Kemnitz
Deb Gregg
Sherry Dickerson

APPEARANCES

Al Brogan, NorthWestern Energy
Michael Uda, Oak Tree

Reported By Cheri McComsey Wittler, RPR, CRR

1 TRANSCRIPT OF PROCEEDINGS, held in the
2 above-entitled matter, at the South Dakota State Capitol
3 Building, 500 East Capitol Avenue, Pierre, South Dakota,
4 on the 23rd day of April, 2013, commencing at 9:30 a.m.

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1 CHAIRMAN HANSON: EL11-006, In the matter of the
2 Complaint filed by Oak Tree Energy, LLC against
3 Northwestern Energy for refusing to enter into a purchase
4 power agreement.

5 Northwestern Energy filed an application for
6 reconsideration of findings and conclusions in the Final
7 Order issued by the Commission on February 21, 2013.

8 The question before the Commission is how shall
9 the Commission rule on NorthWestern's application for
10 reconsideration?

11 NorthWestern, did you wish -- since you had made
12 the filing, you can be up first here.

13 MR. BROGAN: Thank you, Chairman Hanson. This
14 is Al Brogan.

15 Basically, we have little to say. We believe
16 that the Motion, Oak Tree's Answer, and Staff's Response
17 all speak for themselves. NorthWestern filed this Motion
18 pursuant to 20-10-01-29, and basically we request
19 reconsideration of three narrow discrete areas where we
20 believe there is sufficient reason for reconsideration.

21 We will let the Motion and the pleading speak
22 for itself and stand ready to answer questions.

23 Thank you.

24 CHAIRMAN HANSON: Thank you. Mr. Uda, are you
25 on the line?

1 MR. UDA: I am, Mr. Chairman.

2 CHAIRMAN HANSON: Great. And we will hear from
3 Oak Tree at this time.

4 MR. UDA: Well, I guess I would agree in general
5 terms with Mr. Brogan that I think the Motion and the
6 Answer and Staff Answer more or less speak for
7 themselves.

8 One of the things I would say is that, you know,
9 from Oak Tree's perspective, the three issues which have
10 to do with the manner in which the rate was levelized,
11 the MRO's use of 20 percent, and the use of 2.25 percent
12 as an escalator in the load as opposed to the 1 percent
13 peak load number, it's Oak Tree's position that this
14 information was available during the hearing, should have
15 been raised at that time, and that raising these issues
16 in this matter isn't typically what's done with a Motion
17 For Reconsideration, that a Motion For Reconsideration is
18 typically used to raise either new authority, legal
19 authority, or new facts, and not to simply continue a
20 debate that could have taken place during what in this
21 case was two complete evidentiary hearings.

22 So, with that, we think there is good reason for
23 the Commission to stick with its original Order, and we
24 will stand on that.

25 CHAIRMAN HANSON: Thank you. Staff.

1 MS. CREMER: Thank you. This is Karen Cremer of
2 Staff.

3 Staff would also rely on its Brief with the
4 following edit. On page 1, the last line of that page,
5 change Conclusion 31 to Conclusion 8.

6 With that said, Mr. Rounds is available to
7 answer any questions, and Staff would recommend granting
8 reconsideration.

9 Thank you.

10 CHAIRMAN HANSON: Thank you. Questions by the
11 Commission.

12 Commissioner Nelson.

13 COMMISSIONER NELSON: I do have some questions.
14 And if I could pass out a sheet that I'm going to be
15 referring to, and I believe that this sheet has been
16 e-mailed to the folks that are on the phone, and I think
17 what I need to do is I need to visit with someone from
18 NorthWestern, whoever wants to step forward.

19 And the questions revolve around the 1 percent
20 versus the 2 and a quarter percent load growth versus
21 energy growth.

22 Anybody from NorthWestern that wants to answer
23 that? If not, I'll go to Mr. Rounds.

24 MR. LAFAVE: Commissioner Nelson, this is
25 Blue LaFave. Could you repeat the question?

1 COMMISSIONER NELSON: Certainly. I haven't even
2 asked the question.

3 Blue, have you been e-mailed the document that
4 I'm going to be working off of?

5 MR. LAFAVE: Yes, I have.

6 COMMISSIONER NELSON: Okay. Thank you.
7 Obviously, a key part of the third point of the
8 reconsideration deals with this question of whether we
9 appropriately use 2 and a quarter percent for load growth
10 increase.

11 Is it correct that NorthWestern's projection of
12 energy consumption increasing at 2 and a quarter percent
13 over the next 20 years is correct?

14 MR. LAFAVE: As of the time of the filing, yes,
15 that is correct.

16 COMMISSIONER NELSON: Okay. If you look at the
17 chart that I'm working off of, and this is one that was
18 from Mr. Rounds's model and the one that I had modified,
19 and this chart is exactly what we approved when we
20 concluded this affair, with the exception of the last two
21 columns.

22 And this chart using NorthWestern's load curve
23 and inputting it into the EIPC load blocks shows in 2012
24 the total megawatt hours at 1,660,000. In 2035,
25 2,769,788 megawatt hours sold. That's what the model

1 arrived at using those, the load curve and the blocks.

2 The last column completely ignores all of the
3 load curve and the load blocks. It simply starts with
4 1,697,000 and increases that number 2.25 percent per year
5 in energy sales and comes up with the same figure,
6 2,769,000.

7 So what I need you to explain to me is why
8 2.25 percent inputted into this model is not correct when
9 we arrive at the same figure in year 2035.

10 MR. LAFAVE: The reason why it's not correct is
11 you're utilizing a load growth, NorthWestern's system
12 load growth, in a model that was designed to estimate the
13 cost associated with peak growth.

14 The peak growth on NorthWestern's system as
15 identified in the Docket is 1 percent, and that is how
16 the model is structured to follow, ignoring what the
17 growth is below. It comes down to a model design and
18 what it was appropriated for.

19 The particular model that Mr. Rounds used, and
20 he can relay probably even more -- to you even better
21 than I can, but the model was specifically designed to be
22 based on demand growth, which is peak growth.

23 NorthWestern has a peak growth of 1 percent, but it has
24 an overall load growth of 2 and a quarter.

25 If you mix the growths, you end up utilizing the

1 model for the purpose it wasn't designed for, and it will
2 give you an erred result.

3 COMMISSIONER NELSON: And I understand what
4 you're saying, but where I'm confused and I'm not
5 understanding is we arrive at the same result. When you
6 use the model in the year 2035 total megawatt hours sold,
7 2,769,000, if you use a simple escalator of 2 and a
8 quarter percent, ignoring the model completely but simply
9 using an escalator of 2 and a quarter percent, we arrive
10 at exactly the same megawatt hours sold in the year 2035.

11 So how can the model be in error when we're
12 arriving at the same number?

13 MR. LAFAVE: Because the model was forced on one
14 of the tabs as an input to go to 2 and a quarter percent.
15 In your final model that you utilized you went to the
16 Tab I think it's BR-9 -- or I'm sorry it's BR -- I'm
17 trying to find which tab it was. BR-4 and changed the
18 increased growth to 2 and a quarter percent in order for
19 the model to kick out these numbers that you have in the
20 sheet.

21 So you forced that 2.7 end result, and that's
22 how the model -- so the model was forced to move from a
23 demand growth to a usage growth by changing that to 2 and
24 a quarter instead of the 1 percent or .89 percent that
25 Mr. Rounds used. And by doing that you would end up with

1 the same number, but that's because it was already
2 imbedded or a forced change was in the model. It would
3 have been done in Column U, Tab BR-4.

4 COMMISSIONER NELSON: So let me ask one
5 additional question. Is it accurate that utilizing the
6 2 and a quarter percent load growth factor, in the year
7 2035 NorthWestern should be selling 2,769,000 megawatt
8 hours?

9 MR. LAFAVE: That is accurate. But then the
10 load shape, as far as what it looks like, how many hours
11 are in that top block versus how many hours in the second
12 block versus how many hours are in the remaining blocks,
13 would change dramatically.

14 COMMISSIONER NELSON: And so if we were looking
15 at the -- so if we're looking at the -- let's use, for
16 example, your statement about those blocks changing
17 dramatically. If we're looking at the lowest summer
18 block, block B-10, 1,262 hours, would that .443 go up or
19 down by the year 2035?

20 MR. LAFAVE: In block -- I apologize,
21 Commissioner. I didn't necessarily follow your question.
22 But in block -- as I described in my testimony, in
23 Block B-10, by 2025 NorthWestern -- which is your peak
24 block, which would also be based on the demand -- if it
25 only grew at 1 percent, would be at 377 megawatts.

1 If it grew at 2.25 percent, which is the load
2 growth, not the demand growth, it would be at 528. So
3 you'd end up with significant more energy in that top
4 block that really wouldn't exist because the peak doesn't
5 grow that fast.

6 COMMISSIONER NELSON: And I understand and I get
7 that point. But, again, we're selling this -- we're
8 still selling 2.769 million megawatt hours. I'm going to
9 turn to Mr. Rounds.

10 Mr. Rounds, you've heard my series of questions.
11 I think maybe you understand my confusion, and I would
12 like your input to help help me out here.

13 MR. ROUNDS: Sure. Well, the problem with the
14 model is that it assumes a constant load shape. What I
15 mean by that is those numbers at the top, those
16 factors -- like, for instance, in B-10 you said it was
17 .443, those stay constant throughout all 20 years.

18 And what we found out in the last evidentiary
19 hearing is that although NorthWestern thinks their peak's
20 going to grow at about 1 percent, they know that their
21 energy is going to grow at about 2 and a quarter percent.
22 So the number you get at the end as far as megawatt hours
23 is correct.

24 The problem is the way that you would deal with
25 that to make the model correct is you would adjust that

1 load shape every year to get those same numbers at the
2 end.

3 So if you got down to the year 2035, say, under
4 Block B-1, you should be probably under 400 megawatts
5 there, but you're going to see the rest of the lower ones
6 get larger so that B-10 -- you know, I would assume
7 you're probably going to see, you know, probably be
8 closer to .5 or even above that. And we didn't have a
9 way to deal with that in the model.

10 COMMISSIONER NELSON: That explanation I
11 understood. Thank you.

12 We really don't have anything in the record,
13 however, to tell us that by the year 2035 Block B-10
14 would be closer to .5 and that Block B-1 would be -- we
15 don't know.

16 There's nothing in the record to tell us what
17 those numbers should be in 2035; correct?

18 MR. ROUNDS: The only thing I can point to is
19 when we made the change, the load shape, that -- I
20 believe the load shape on this sheet is something that
21 you had derived; correct?

22 COMMISSIONER NELSON: Correct. Utilizing
23 NorthWestern's actual acknowledging their actual current
24 load shape, yes.

25 MR. ROUNDS: So in my original testimony we had

1 used the load shape that was in what we called MAPP,
2 which is what NorthWestern was part of. And NorthWestern
3 pointed out in follow-up testimony that that overshoot
4 their energy in the first year by 30 percent.

5 And so we went back and looked and saw that
6 MISO West mostly because of availability of natural gas
7 was a better fit. So we switched to MISO West. And that
8 still overshoot their energy in the first year by
9 7 percent.

10 And so when we made that change and -- I think
11 in our comments in this case we referred to that page of
12 testimony that I was on the stand. And I don't know how
13 clear it was.

14 But the point that I tried to make was although
15 we overshoot in that case by 7 percent, we undershot the
16 load growth because we used 1 percent and used the
17 stagnant load shape.

18 And knowing that the load shape was going to
19 change basically with the lower load times increasing,
20 you were going to see eventually the energy was going to
21 go negative rather than positive the way it started out.
22 And so it was sort of a fudge factor. And we kind of saw
23 it as evening out.

24 COMMISSIONER NELSON: See when you use the words
25 "fudge factor" and "evening out" this Commissioner gets

1 really nervous. And that's why I've been so insistent to
2 utilize NorthWestern's actual load shape and input it
3 into the EIPC blocks.

4 However, I do follow what your logic is on how
5 those percentage numbers may change over time, but I
6 still don't know that we've got anything in the record
7 that would tell us exactly how -- well, nobody knows how
8 those are going to change over time.

9 I mean, there's suspicion that, yeah, peak is
10 not going to grow as fast as the lower usage hours, but
11 we don't know for sure what that's going to be.

12 MR. ROUNDS: If could I make a suggestion.

13 COMMISSIONER NELSON: Certainly.

14 MR. ROUNDS: The way that I think you could do
15 it to try and get it perfect would be to sort of look at
16 a historical -- I mean, the way that they came up with
17 their peak growth and their load growth or energy growth
18 was by looking at historical.

19 So if you looked at the way that that load shape
20 changes over time, you could probably come up with a
21 better -- basically a way to change your load shape
22 throughout the model.

23 COMMISSIONER NELSON: Let me ask you one last
24 question. If you look at, you know, the top three
25 blocks, B-1, B-2, B-3, those are your peak blocks. And

1 maybe even beyond peak. It's 110 hours out of the year.

2 And so the contention by NorthWestern is that by
3 year 2035 that we're too high for those three blocks.
4 But the fact that it's only 110 hours out of the entire
5 year, is that going to have a material impact on our
6 final result?

7 MR. ROUNDS: I can't remember exactly -- I read
8 it once as we were, I think, sort of in the middle of the
9 evidentiary hearing, and it came out to be a difference
10 of like 3 or \$4.

11 COMMISSIONER NELSON: That's material.

12 I think that's all the questions I have,
13 Mr. Chairman.

14 And I thank both Blue and Mr. Rounds for helping
15 me with that.

16 CHAIRMAN HANSON: Thank you for your questions
17 and discussion.

18 Any other questions by the Commissioners?

19 Then we have three items before us. Are there
20 any motions?

21 We will take them one at a time if you choose to
22 take them. Are there any motions at this time?

23 COMMISSIONER NELSON: Could I offer just some
24 commentary?

25 CHAIRMAN HANSON: Please, go ahead.

1 COMMISSIONER NELSON: I'm prepared to offer
2 motions on the first two points. But, obviously, the
3 third point, this suggestion I've had has been very
4 helpful to me. As much as I'd hate to say it, I'd love
5 to spend some time given this additional information and
6 work on this model and see if I can come up with a more
7 solid number, but that's -- that's where I'm at.

8 But let's see where we can get with -- and I'd
9 like to take each one of these individually.

10 CHAIRMAN HANSON: Absolutely. And that's what I
11 suggested, yes. And you said one, two, three. I have at
12 least three different lists, and on some of them one,
13 two, three is different.

14 COMMISSIONER NELSON: Well, let me start off, if
15 I might, Mr. Chairman.

16 CHAIRMAN HANSON: Please go ahead.

17 COMMISSIONER NELSON: I would move on the first
18 issue, and that issue of the levelized cost not including
19 the discount factor, I would move that we utilize the
20 actual numbers as opposed to levelized, which if you
21 recall is where I started out when we had this discussion
22 several months ago.

23 If we use the actual costs per year, then we
24 don't have to deal with this discount factor. We don't
25 have to guess what the discount factor ought to be. We

1 eliminate NorthWestern's concern about not being treated
2 fairly in that regard, about customers having to pay too
3 much in that regard. And we also acknowledge Staff's
4 concern about the use of levelized costs, which impacts
5 customers greatly in those first few years.

6 And if we use actual costs, customers are going
7 to be treated fairly over the entire 20-year period
8 because they will be paying much closer to the actual
9 cost of the energy than if we go with a levelized cost.

10 And so I believe that eliminates this particular
11 issue. It treats NorthWestern fairly. It treats
12 customers fairly. And it also, as Staff pointed out,
13 eliminates the risk should Oak Tree at some point in the
14 next 20 years fail to perform and fail to actually
15 deliver the energy.

16 And so I think for a whole lot of reasons going
17 with actual costs over the 20 years as opposed to
18 levelized makes a lot of sense.

19 The last comment that I will make, when you look
20 at levelized costs, we've got two different columns,
21 beginning in 2013 and beginning in 2014, and there's \$2
22 difference between those two.

23 If I was Oak Tree, I'd say there's no way I'm
24 going to start in 2013. I'm going to start in 2014
25 because it automatically gets me an extra 2 bucks.

1 Whereas, if we go with the actual cost, they
2 don't have that incentive to start one year versus the
3 other.

4 So for that reason, Mr. Chairman, I would
5 support the actual cost as opposed to levelized.

6 CHAIRMAN HANSON: Thank you.

7 And, as I recall, we were working towards using
8 actual costs at the time and with a true-up and ran into
9 some challenges with that; is that correct?

10 COMMISSIONER NELSON: I don't believe there was
11 any discussion or any need for a true-up. These actual
12 costs would be based on the energy produced. They
13 include the capacity factor. That's already calculated
14 in so there's no true-up involved.

15 CHAIRMAN HANSON: All right. Thank you.

16 Commissioner Fiegen, did you have anything on
17 this issue?

18 COMMISSIONER FIEGEN: So there's a Motion on the
19 table?

20 COMMISSIONER NELSON: Correct.

21 COMMISSIONER FIEGEN: And you talked about your
22 Motion?

23 COMMISSIONER NELSON: Yes.

24 COMMISSIONER FIEGEN: I'm not going to support
25 that Motion. I believe we should just reconsider this,

1 think about what we really want to do, and not make a
2 decision from the bench today.

3 And I believe that normally the PUC looks at
4 discounted cash flows, and that's what we normally do in
5 business. And this is a very complex issue, and you know
6 we've spent hundreds and hundreds of hours on this and
7 have read thousands of sheets of paper on this probably
8 too.

9 And I think we need to reconsider it, and that's
10 what I want to support and bring it to the next meeting
11 and not switch what we're going to do today but wait
12 until next session. Next hearing.

13 CHAIRMAN HANSON: Thank you. Is that your
14 position on all three issues?

15 The reason I ask is I see one I clearly wish to
16 vote against.

17 COMMISSIONER FIEGEN: There is one that I will
18 ask not to reconsider.

19 CHAIRMAN HANSON: Okay. Thank you.

20 And I always give deference to Commissioners who
21 wish to defer to a later date on an item. I want
22 everyone to be comfortable that they're voting.

23 So on this particular item you wish to defer, I
24 will give deference to that, Commissioner Nelson. And
25 your Motion will be not laid on the table but deferred

1 until that time.

2 And since there's two Commissioners in that
3 position, we'll defer at this time.

4 The second item that I have down is whether the
5 20 percent --

6 COMMISSIONER FIEGEN: Mr. Chairman.

7 CHAIRMAN HANSON: Excuse me. Go ahead.

8 COMMISSIONER FIEGEN: You know what I meant, and
9 I probably didn't say it right. I believe in
10 reconsidering and decide on what we want to do at the
11 next meeting. So not necessarily make our final decision
12 at the next meeting but do move to reconsider item
13 number 1.

14 CHAIRMAN HANSON: So you'll make a substitute
15 motion to reconsider item number 1?

16 COMMISSIONER FIEGEN: And defer final action on
17 the reconsideration at our next hearing.

18 So that might not be right. What you did is
19 maybe right. I just want to be clear.

20 CHAIRMAN HANSON: Thank you. No. I
21 misunderstood what you were saying.

22 So Commissioner Fiegen is moving to reconsider
23 item number 1 but to defer action on item number 1 until
24 our next meeting.

25 Is there a discussion on that Motion?

1 If not, Commissioner Fiegen.

2 COMMISSIONER FIEGEN: Fiegen votes aye.

3 CHAIRMAN HANSON: Commissioner Nelson.

4 COMMISSIONER NELSON: Aye.

5 CHAIRMAN HANSON: Commissioner Hanson votes
6 aye.

7 Item number 1 regarding the discount factor and
8 levelizing avoided cost is deferred to the next meeting
9 and is to be reconsidered.

10 The second item that I have is whether the
11 20 percent capacity factor was in error because the MRO
12 wasn't using a 20 percent value as of the LEO date.

13 Is there a desire to reconsider and defer that
14 item, or do you wish to take that one up?

15 COMMISSIONER FIEGEN: Mr. Chairman, where I land
16 on this is I believe 20 percent was clearly during the
17 hearing. And we had lots of discussion on that so that's
18 an item that I don't think we should reconsider.

19 I do think the escalation of the capacity cost
20 until 2015, that portion should be reconsidered, but not
21 the 20 percent.

22 CHAIRMAN HANSON: I concur with Commissioner
23 Fiegen on that. I was not in favor of reconsideration of
24 the 20 percent capacity factor.

25 Commissioner Nelson, did you have anything you

1 wished to discuss on that item?

2 COMMISSIONER NELSON: I would concur with both
3 of you. I guess we just need a motion to do that.

4 COMMISSIONER FIEGEN: So, Mr. Chairman, in item
5 number 2 move that we do not consider the 20 percent
6 capacity factor.

7 CHAIRMAN HANSON: Thank you.

8 Discussion on that Motion?

9 Commissioner Fiegen.

10 COMMISSIONER FIEGEN: Fiegen votes aye.

11 CHAIRMAN HANSON: Commissioner Nelson.

12 COMMISSIONER NELSON: Aye.

13 CHAIRMAN HANSON: Hanson votes ayes. Motion
14 carries.

15 Item number 3.

16 COMMISSIONER FIEGEN: Mr. Chairman, do I need a
17 motion to move to reconsider the escalation of the
18 capacity costs until 2015?

19 CHAIRMAN HANSON: If you wish to have it
20 reconsidered, yes.

21 COMMISSIONER FIEGEN: So that portion I would
22 like reconsidered. Please reconsider the escalation of
23 the capacity costs until 2015.

24 CHAIRMAN HANSON: Discussion on that Motion?

25 Commissioner Fiegen.

1 COMMISSIONER FIEGEN: Fiegen votes aye.

2 CHAIRMAN HANSON: Commissioner Nelson.

3 COMMISSIONER NELSON: Aye.

4 CHAIRMAN HANSON: Hanson votes no. Motion
5 carries.

6 The third item is whether the 2.25 percent load
7 growth value was in error to the point of producing an
8 unreasonable outcome.

9 Discussion on that.

10 COMMISSIONER NELSON: I would like to reconsider
11 this, but I certainly don't prejudge where I'm going to
12 come down on that issue.

13 The discussion this morning has been very
14 helpful to me, but I would like the two weeks to go back
15 and crunch some numbers to determine where I'm finally
16 going to end up on it. But I would like to reconsider it
17 for the time factor, if nothing else.

18 CHAIRMAN HANSON: Do you have a motion then?

19 COMMISSIONER NELSON: I move to reconsider that
20 item.

21 CHAIRMAN HANSON: Move to reconsider but to
22 defer action until the next meeting.

23 COMMISSIONER NELSON: Correct.

24 Discussion?

25 COMMISSIONER FIEGEN: I certainly support

1 Commissioner Nelson in that we have to make sure that our
2 peak load is correct and our estimation -- as correct as
3 it can be.

4 This is just a forecast and, yes, there is fudge
5 numbers and et cetera because it is a forecast so we just
6 don't know.

7 But I want it as correct as possible and that
8 rate payers don't pay more than they should on that item.
9 Because right now we're off quite a bit on the 2035 final
10 peak load growth. Or peak load.

11 CHAIRMAN HANSON: Thank you.

12 Any further discussion?

13 Seeing none, Commissioner Fiegen.

14 COMMISSIONER FIEGEN: Fiegen votes aye.

15 CHAIRMAN HANSON: Commissioner Nelson.

16 COMMISSIONER NELSON: Aye.

17 CHAIRMAN HANSON: Hanson votes aye.

18 The motion carries.

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1 STATE OF SOUTH DAKOTA)

2 :SS

CERTIFICATE

3 COUNTY OF SULLY)

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5 I, CHERI MCCOMSEY WITTLER, a Registered
6 Professional Reporter, Certified Realtime Reporter and
7 Notary Public in and for the State of South Dakota:

8 DO HEREBY CERTIFY that as the duly-appointed
9 shorthand reporter, I took in shorthand the proceedings
10 had in the above-entitled matter on the 23rd day of
11 April, 2013, and that the attached is a true and correct
12 transcription of the proceedings so taken.

13 Dated at Onida, South Dakota this 26th day
14 of April, 2013.

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Cheri McComsey Wittler,
Notary Public and
Registered Professional Reporter
Certified Realtime Reporter

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