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THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF SOUTH DAKOTA

\* \* \* \* \*  
IN THE MATTER OF THE APPLICATION OF ) EL07-002  
BASIN ELECTRIC POWER COOPERATIVE, INC., )  
FOR AN ENERGY CONVERSION FACILITY PERMIT )  
FOR THE CONSTRUCTION OF THE GROTON )  
GENERATION STATION UNIT 2 PROJECT NEAR )  
GROTON, SOUTH DAKOTA. )  
\* \* \* \* \*

PUBLIC INPUT HEARING  
TRANSCRIPT OF PROCEEDINGS

\* \* \* \* \*  
Coco's Restaurant  
Groton, South Dakota  
February 5, 2007

COMMISSION STAFF:  
DUSTY JOHNSON  
GARY HANSON  
STEVE KOLBECK

APPEARANCES:  
JOHN J. SMITH, ESQ.  
General Counsel, Public Utilities Commission

REPORTED BY:  
Kristi Kost  
Court Reporter  
(605) 228-0510

1           CHAIRMAN JOHNSON: A hush has fallen over the  
2 crowd. So presumably, it's time to start.

3           You know, the most exciting part about being on  
4 the Public Utilities Commission is that, you know, we do  
5 rotate the chairmanship. And that means you get to read a  
6 really long script to kick off the meetings. There's a  
7 bunch of legalese that we need to do, so...

8           But before I begin, I'll make one more pitch that  
9 if you haven't signed in for the sign-up sheet, we would  
10 really love to have you do that. I think there's going to  
11 be some more coffee coming. And when that comes, feel free  
12 to get up and get that.

13           With that, we will now begin the public input --  
14 I should mention, I'm Commissioner Dusty Johnson. Here  
15 tonight as well -- oh, we're going to hold on for a second.

16           I'll begin by noting that my name is  
17 Dusty Johnson. I'm serving as this year's chairman of the  
18 Public Utilities Commission. With me, also, tonight are  
19 Commissioner Gary Hanson and Commissioner Steve Kolbeck.  
20 We also have the commission general counsel, John Smith, as  
21 well as PUC staffers Keith Senger and Brian Rounds with us.  
22 So if you have any questions afterwards, we will all be  
23 around.

24           We will now begin the public input hearing for  
25 Docket No. EL07-002, and that's entitled the matter of the

1 application of Basin Electric Power Cooperative for an  
2 energy conversion facility permit for the construction of  
3 the Groton Generation Station Unit 2 Project near Groton.  
4 Today's date is February 5, 2007, and the time is  
5 approximately 6 o'clock in the p.m., and the place of this  
6 hearing is Groton.

7           This hearing concerns an application for a permit  
8 to construct a second 80 to 100 megawatt simple cycle  
9 natural gas combustion turbine generator adjacent to the  
10 existing Groton Generation Station, which is south of town  
11 here. The project is proposed to provide peaking power to  
12 serve projected member load growth.

13           The purpose of this hearing tonight is to provide  
14 information to the public about the applicant's proposed  
15 project, and also to hear -- and I'd say most importantly  
16 to hear public comment regarding the proposed project.  
17 Interested persons have the right to present their views  
18 and comments regarding the application, and we do sincerely  
19 encourage you to do so.

20           A copy of the application is on file with the  
21 Brown County Auditor. The public may also access the  
22 application and all other non-confidential documents in the  
23 file on the commission's website, and that's at  
24 [www.puc.sd.gov](http://www.puc.sd.gov). And that information can be found under  
25 the commission actions tab, and then by clicking commission

1 docket, and then 2007 electric dockets, and then you'll  
2 just need to scroll down to EL06 -- or rather EL07-002.

3           Now, the parties to the proceeding at this time  
4 are the applicant, as we noted, Basin Electric, as well as  
5 the commission. Under South Dakota law, each municipality,  
6 county, and governmental agency in the area where the  
7 facility is proposed to be constructed or any interested  
8 person or entity may be granted party status in this  
9 proceeding by making a written application to the  
10 commission on or before March 6, 2007. It's about one  
11 month from today. We have applications available here this  
12 evening if you'd like to apply for party status. I would  
13 note that I have one up here as an example, and we also  
14 have a pile of them back by the, back with Keith there by  
15 the coffee.

16           For its permit to be approved, the applicant must  
17 show that the proposed energy conversion facility will  
18 comply with all applicable laws and rules, that the energy  
19 conversion facility will not pose a threat of serious  
20 injury to the environment or to the social and economic  
21 condition of inhabitants or expected inhabitants in the  
22 siting area, that the energy conversion facility will not  
23 substantially impair the health, safety, or welfare of the  
24 inhabitants, and that the energy conversion facility will  
25 not unduly interfere with the orderly development of the

1 region with due consideration having been given to the  
2 views of governing bodies of affected local units of  
3 government.

4 I should just note that the phrase energy  
5 conversion facility is mostly just a fancy word for power  
6 plant or power station. And you all know what's located  
7 south of town here at the Groton 1, the Groton 1 unit.

8 Based on these factors, the commission will  
9 decide whether the permit for the project should be  
10 granted, denied, or granted upon such terms, conditions or  
11 modifications of the construction operation or maintenance  
12 of the facilities as the commission finds appropriate.

13 We will begin the hearing by having the applicant  
14 make a presentation to explain its proposed project.  
15 Following that presentation, we'll take comments from any  
16 interested persons. And we, again, sincerely want to  
17 encourage members of the public to present your views.

18 And, again, everyone, I want to ask that you put  
19 your information on the sign-in sheets so we have a record  
20 of who attended the meeting.

21 I'll just make one other note here before we  
22 proceed. And that is if, when you do make comments, we  
23 would ask that you do stand. We'll get you a microphone so  
24 that you can be recorded. I'll also ask that you state  
25 your name and then the town or area, the township that you

1 live in. And we do have a court reporter here this  
2 evening. So I would ask that you state your information  
3 clearly and, and loud enough to be heard certainly. And if  
4 we need you to repeat something, we hope that will be okay  
5 so we make sure to get your comments on the record.

6 Dick Shaffer will be the spokesman here tonight  
7 for Basin Electric.

8 Mr. Shaffer, at this time, if it's all right with  
9 you, we'd ask you to introduce the others you brought with  
10 you this evening. And then at that time, you can begin  
11 your presentation.

12 MR. SHAFFER: Thank you, commissioner.

13 As they say, I'm Dick Shaffer. I'm the  
14 Basin Electric project coordinator for the Groton  
15 Generation Station. And with me tonight, the  
16 Basin Electric employees. I have Russ Mather,  
17 Casey Jacobsen, Daryl Hill, Curt Pearson, Jim Berg and  
18 Tony Skonhovd. Tony is actually the operations and  
19 maintenance supervisor at the Groton Generation Station.  
20 Many of you probably know him.

21 Also from, as local counsel from Lynn, Jackson,  
22 Shultz and Lebrun, we have -- sorry.

23 MR. STUCK: Haven Stuck.

24 MR. SHAFFER: Haven Stuck. I had Hable written  
25 down. Haven Stuck. And Chris Howell from Burns &

1 McDonnell Engineers has done some work on noise analysis  
2 for us. And then Tetra Tech, Bob Farnes and Bob Hammer who  
3 did the environmental assessment and helped us put the  
4 permit together and so forth. So...

5 We also have several people here from some of our  
6 cooperatives and so forth. I won't introduce everybody.

7 This slide may be familiar to many of you as a  
8 photo of Groton Unit 1 taken last summer from the highway.

9 During the next several minutes, I'll give you an  
10 overview of Basin's request to the South Dakota PUC for a  
11 permit to construct and operate a second GE LMS100  
12 combustion turbine at the same site to be located just  
13 south of the existing unit. The unit will be capable of  
14 providing electric power for approximately 100,000  
15 single-family homes.

16 Like Unit 1, the second unit will be fueled by  
17 natural gas from the Northern Border Pipeline that passes  
18 through Spink County. The ten-inch pipeline that  
19 Basin Electric built for Unit 1 is sufficient for the  
20 second unit. So additional pipeline construction will not  
21 be required.

22 This unit will be typically used as a peaking  
23 unit running during Basin's peak load demand, which is  
24 usually on weekdays during the summer and winter periods of  
25 extreme temperatures such as today. I believe it's been

1 running all day today.

2           The station will also serve as a backup to our  
3 other base load generation units and provide relief to the  
4 area when transmission constraints are in place. The total  
5 run time on the unit is expected to be around ten percent.

6           Before I go into the project, I'll tell you a  
7 little bit about Basin Electric. Basin Electric is a  
8 regional consumer-owned wholesale power supply, commonly  
9 called a G&T cooperative. G&T stands for generation and  
10 transmission. In other words, we produce and deliver  
11 electric power to our member cooperatives. Basin provides  
12 cost-effective wholesale electricity to 120 member rural  
13 electric systems in nine states.

14           Basin Electric's capacity last summer was derived  
15 from these sources. As you can see, the bulk of it was  
16 from our base-loaded large coal fire generation units in  
17 the, North Dakota and Wyoming.

18           This slide shows Basin's existing generation  
19 units with, starting out with the Antelope Valley Station  
20 in Beulah, North Dakota. Two 460-megawatt units.

21           The Leland Olds Station in Stanton, North Dakota,  
22 which is our oldest, oldest unit. There's a 220 and a 440.

23           Laramie River Station in Wheatland, Wyoming,  
24 which is three 550's.

25           And then in Vermillion, South Dakota, we have an



1 oil-fired peaker called Spirit Mound. There's actually, I  
2 believe, two units there.

3 We have several smaller gas turbines in northeast  
4 Wyoming on the coal bed methane area.

5 And then we, we own the Dakota Gasification  
6 Company, which converts lignite coal to synthetic natural  
7 gas. And it's located adjacent to the Antelope Valley  
8 Station. It actually delivers its gas to the Northern  
9 Border Pipeline, which runs kind of diagonally through  
10 North and South Dakota. And the Groton Generation Station  
11 actually takes its gas from that same gas line. So, in  
12 effect, we're burning some of the same gas we're  
13 manufacturing.

14 And then as of July, we've got the Groton  
15 Generation Station.

16 Not pictured on the previous slide are several  
17 stations where the combined capacity of 22 megawatts still  
18 are constructed along the Northern Border Pipeline that  
19 operate totally from waste heat generated by natural gas  
20 pipeline booster compressors.

21 And then we have some wind, wind energy. That's  
22 North and South Dakota.

23 Our system load is derived through its member  
24 cooperatives from several types of customers, including  
25 residential, both urban and rural, agricultural, commercial

1 and industrial.

2           As I stated earlier, Basin is a G&T cooperative  
3 with the goal of providing cost-effective electricity to  
4 member systems, including all the electric cooperatives in  
5 South Dakota. These member systems belong to a statewide  
6 organization called the South Dakota Rural Electric  
7 Association, which is directed by Audry Ricketts. She had  
8 planned to be here tonight, but was unable to make it.

9           These cooperatives distribute electricity through  
10 I've heard as high as two-and-a-half million. So I'm not  
11 exactly sure. Consumers.

12           Basin doesn't sell directly to rural consumers,  
13 but its control and direction starts with them. A  
14 ten-member board of directors elected by the system  
15 membership directs Basin Electric.

16           In South Dakota, Basin Electric supplies electric  
17 power to two Class A members: Rushmore Electric in  
18 Rapid City and East River Electric in Madison. Rushmore  
19 and East River, in turn, supply this electric power to  
20 their member cooperatives.

21           As an example, East River, which is directed by  
22 Jeff Nelson, supplies Northern Electric Cooperative, which  
23 is directed by Jim Moore, and is headquartered just east of  
24 Aberdeen at Bath. Northern then provides retail electric  
25 power to the customer.

1 Basin operates as a not-for-profit cooperative.  
2 Any electric revenues in excess of cost of service referred  
3 to as margins are returned to its members on a patronage  
4 basis.

5 Now, the reason that we are building more  
6 generation, this slide shows some of the major growth  
7 areas. Basin Electric has recently experienced significant  
8 load growth and record peaks in its service area. And this  
9 trend is expected to continue. A good share of the growth  
10 is due to the expansion of energy-related industries in  
11 eastern Montana and Western North Dakota. You've got  
12 ethanol, biodiesel, and just, just oil wells in general.  
13 Northeastern Wyoming, of course, is the coal bed methane  
14 and the coal mining in general.

15 I'll take a closer look at eastern South Dakota  
16 in East River's territory. This green line here represents  
17 the 2004 load forecast that was made in 2004. This red  
18 line represents the 2007 load forecast. So you can see  
19 when you get out here in 2008, 2009, we're starting to  
20 exceed our forecast for quite a bit. We're building some  
21 base-loaded, some large base-loaded generation, but it's  
22 not going to be ready for a few years. So we're trying to  
23 supplement it with some peaking capacity. And peaking  
24 capacity can always be used.

25 You can see some of the, some of the forecasts of

1 loads again there. The energy industry, the agriculture.  
2 And then the Sioux Falls area is expanding readily,  
3 rapidly.

4 Other major concerns are with the low water  
5 levels in the reservoirs. Hydropower is not as available  
6 as it once was. And in the event that Basin or one of the  
7 other large generators, coal-fired generators loses a  
8 boiler or a generator, we need additional capacity.

9 And then there's transmission constraints in the  
10 area, and sometimes a problem moving it into the region.  
11 As an example, the ice storms in Nebraska and so forth have  
12 raised havoc with some of our neighbors.

13 This is just a road map of the area with city of  
14 Groton and the site of the Groton Generation Station. See  
15 all of the transmission coming in and out of that site.  
16 There are actually two substations there. And then we've  
17 got about 12 miles of ten-inch gas pipeline that we buried,  
18 buried last year, in 2005, actually, coming off a 42-inch  
19 Northern Border Pipeline.

20 Then the, that site was picked because it offers  
21 good highway access - it's along Highway 37 - for  
22 delivering large equipment. It has good quality water  
23 available from Web Water that passes through the site. And  
24 then the transmission. It also causes minimum public  
25 impact by placing it adjacent to an existing industrial

1 site. And of course, the, the gas pipeline was designed  
2 for two units. So we have available gas there.

3 This is an aerial paragraph of the quarter  
4 section. This would be a half mile by a half mile. And  
5 the existing WAPA 115 kV station. Basin is a 345 kV  
6 station. Then before Unit 1 was purchased, Basin electric  
7 -- or installed, Basin electric purchased the remainder of  
8 that quarter section. Except there's an abandoned railroad  
9 grade here that we don't own. I think it's a 100-foot  
10 strip. But anyway, this is the approximate site of the  
11 generation station with Unit 1 on the north, and Unit 2  
12 will be on the south.

13 This is, again is an aerial with a site plan laid  
14 into it with Unit 1 on the north, and then this is the  
15 proposed Unit 2. We propose to use the existing pond. We  
16 hardly put any water in it at all last year even with the  
17 heavy rains and so forth. And we have room. If we need to  
18 enlarge it, we can.

19 This represents a transmission line. We come out  
20 of the Unit 1 generator into the WAPA sub. What we plan to  
21 do on Unit 2 is just a short section of transmission from  
22 the generator step-up transformer take-off structure to a  
23 pole here. This breaker that we installed last year in the  
24 WAPA sub is adequate for handling both, both units. So  
25 we've only got actually a few hundred feet of transmission

1 line to construct. We are going to have to rebuild this  
2 section of line because it's not heavy enough for  
3 200 megawatts.

4 This is the Web Water pipeline that passes  
5 through the site. We've already tapped into that. We  
6 don't have to do that again.

7 And then our road coming into the site. The gas  
8 pipeline actually comes up the west side of Highway 37,  
9 goes underneath, and then comes down this way.

10 Oops. Wrong direction. Oh, no. That was right.  
11 Well...

12 Yeah. This is just kind of a nice aerial shot.  
13 Did I do that? It's just kind of a nice aerial shot. It  
14 shows the road coming in. And we did put six rows of trees  
15 all the way along the north side. I guess they're not very  
16 big yet.

17 The pond. The dry cooler. This is the turbine  
18 generator building and the water storage vessels.

19 This was our lay down area during the Unit 1  
20 construction. This is actually going to be the site of the  
21 Unit 2 construction. This was taken before construction  
22 was complete. You can see some trailers and the temporary  
23 fence and so forth.

24 CHAIRMAN JOHNSON: Mr. Shaffer, as long as you're  
25 stopped, maybe you could -- since we've got such a good

1 view of Unit 1 here, maybe you could describe any  
2 substantial differences between Unit 2 and Unit 1.

3 MR. SHAFFER: Okay. We aren't, we're not going  
4 to build another building this large. We are going to put  
5 up a, about a 40 x 70 foot metal building to be used as a  
6 shop and a warehouse. We're not going to add any  
7 additional water storage tanks; although, we are going to  
8 add a couple rings to this tank so we can get additional  
9 storage volume.

10 This unit has a synchronous clutch between the  
11 turbine and the generator. We will not be installing a  
12 synchronous clutch on Unit 2.

13 And other than that, there's not, not much  
14 difference.

15 CHAIRMAN JOHNSON: Sorry to interrupt again. But  
16 could you remind me what that structure to the far right of  
17 the screen is?

18 MR. SHAFFER: This?

19 CHAIRMAN JOHNSON: Yes.

20 MR. SHAFFER: This is a large radiator for  
21 cooling, cooling the glycol water mixture that we use with  
22 the intercooler. I'll go into that in the next slide here  
23 a little bit.

24 So this is a 3D view of the LMS100. This would  
25 be the air intake system. This is used for combustion air

1 and cooling air and so forth.

2           This would be the low pressure compressor. The  
3 air is compressed and goes into this. This is a two-bundle  
4 heat exchanger, which gives up its heat to this glycol,  
5 which is then cooled in this -- this would be the dry  
6 cooler you were asking about. It's a huge radiator.

7           The cooled air goes back into the high pressure  
8 compressor. And this would be the, the super core and the  
9 power turbine, and then the clutch and the generator,  
10 exhaust stack.

11           This is a variable bleed valve stack. In case of  
12 a trip, there's some valves here that will open to relieve  
13 the pressure so it doesn't cause stalling and damage to the  
14 turbine.

15           This is the engine itself -- oops. The engine  
16 itself with the compressor, the low pressure, high pressure  
17 compressor, the super core. This is actually where the,  
18 where the combustion takes place.

19           And then the five-stage power turbine, which  
20 drives the generator. This section rotates at about 8,000,  
21 9,000 rpm. But this section is an aerodynamic coupling  
22 between these two sections that, that drives the power  
23 turbine. And that drives the generator at 3,600 rpm, which  
24 is necessary to maintain 60-cycle electricity.

25           This was a view of the turbine as it was being



1 assembled in Texas. It shows the compressor and the -- the  
2 high pressure compressor isn't here, I guess. The super  
3 core and the power turbine and so forth.

4 This, I've just got to throw a few slides in here  
5 of Unit 1 to show how good it, how neat and clean it looks  
6 after they got done building it. This is the gas  
7 conditioning skid here, the water storage tanks, and this  
8 is that dry cooler you were asking about.

9 The water usage will be small at approximately 75  
10 gallons per minute when the unit is running. About  
11 two-thirds of this water is injected into the turbine's  
12 combustor to reduce the formation of nitrous oxide and is  
13 discharged from the stack in the form of water vapor.  
14 Evaporative cooling is used to reduce the temperature, thus  
15 the increase, the density in mass flow of the turbine  
16 combustion air during hot weather. The combustion air  
17 passes through a wet media and is cooled by the evaporative  
18 process that takes place. This process is quite similar to  
19 a furnace humidifier. The end result of cooler and denser  
20 combustion air is higher power output from the turbine and  
21 more megawatts from the generator.

22 Other usage onsite is a small amount of domestic  
23 water. All of the NOx control water is totally evaporated  
24 as well as the majority of the evaporative cooling water.  
25 What isn't evaporated, it comes only in contact with clean

1 turbine combustion air so it can be discharged to the storm  
2 water run-off pond where it evaporates or percolates into  
3 the soil. Any waste other than clean water generated on  
4 the site is hauled offsite by a licensed contractor.

5 Prior to constructing Unit 1, Tetra Tech was  
6 hired to measure ambient noise levels. It measured at the  
7 north fence line of the 345 kV substation, and then near  
8 this, this nearest residence.

9 GE guarantees a near field noise of, level of a  
10 maximum of 85 dBA. That would be three feet from the  
11 equipment. Then a far field level of 65 dBA. That's at a  
12 400-foot radius from the noise source. Now, this would  
13 represent only Unit 2 running. If Unit 1 also was running,  
14 there would be another circle that size kind of centered  
15 over Unit 1.

16 Chris Howell from Burns & McDonnell Engineers,  
17 who is here tonight, has recently modeled a site for both  
18 Units 1 and 2 using actual data collected while Unit 1 was  
19 operating. Based on the distance from the nearest  
20 residence, which is about 1,700 feet northwest of Unit 1,  
21 the noise level generated by both turbines operating  
22 simultaneously will be less than 54 dBA, which falls below  
23 the Unit 1 permit requirement of 55 dBA nighttime levels.  
24 Actually, we don't expect the sound level to be appreciably  
25 different with two units running versus one because of the

1 extra distance between the, this extra distance between the  
2 two units. There's the estimated noise level at 54.

3 CHAIRMAN JOHNSON: Mr. Shaffer?

4 MR. SHAFFER: Yes.

5 CHAIRMAN JOHNSON: Your red box in the upper  
6 left-hand corner labeled 33 to 90 decibel survey, 90, can  
7 you explain the number on the top end of that?

8 MR. SHAFFER: This was -- correct me, Rob. This  
9 was an LEQ measurement, I believe. And it took into  
10 account trucks going by on the highway and so forth.  
11 Whereas our permit requirement is an L10 requirement. I  
12 don't know. Chris or Tetra Tech care to address that?

13 MR. HAMMER: Yeah, I believe during the 90s there  
14 were --

15 CHAIRMAN JOHNSON: One second.

16 MR. HAMMER: I believe that --

17 MR. SMITH: Introduce yourself, please, too.

18 MR. HAMMER: This is Bob Hammer with Tetra Tech,  
19 and we were involved with the original survey that was done  
20 up there.

21 And as I recall from those conditions, there  
22 happened to be a windstorm that came through that night.  
23 And there's some vegetation and trees just to the north of  
24 the facility. And the higher values were actually  
25 associated with a windstorm that had gone through that

1 evening. So with the rustling trees and vegetation and  
2 some of the high wind gusts, we saw values in that range,  
3 is what I recall.

4 MR. HOWELL: Thanks. Chris Howell with  
5 Burns & McDonnell.

6 Additionally, the limit that they're given for  
7 the facility is for their specific equipment. It doesn't  
8 include the background noise such as trucks driving by.  
9 Sorry. The supposed windstorm or trucks or whatever goes  
10 through, those aren't included in the values that are in  
11 the limits.

12 MR. SHAFFER: Any other questions there? No?

13 These are some typical noise levels that you  
14 might be familiar with. A typical construction site during  
15 hours of construction when construction is taking place, it  
16 would be 85 dBA. And a typical highway at 100-foot  
17 distance is about 60 dBA.

18 CHAIRMAN JOHNSON: It's probably worth noting for  
19 those in the audience that, that this scale is, what is it?  
20 Geometric? Is it logarithmic?

21 MR. SHAFFER: Logarithmic.

22 CHAIRMAN JOHNSON: Logarithmic. Great. So the  
23 value of 70 is what? Is that twice the watt, ten times  
24 the, ten times the watt of 60?

25 MR. HOWELL: Chris Howell from Burns & McDonnell

1 again.

2 The 10 dB increase in sound, it's basically a  
3 doubling of the sound.

4 CHAIRMAN JOHNSON: A doubling. All right. Okay.

5 MR. HOWELL: Yes. A noticeably different level  
6 would be 3 to 5 dB.

7 MR. SHAFFER: Construction manpower we estimate  
8 would be the same as Unit 1, 105 to 145 workers onsite.  
9 And 40 to 60 percent may be hired locally.

10 Long-term employment, Unit 1 now employs two  
11 full-time positions. And we anticipate that a second unit  
12 will require at least one, if not two, additional full-time  
13 employees.

14 When Unit 1 was permitted, in order to forego a  
15 prevention of significant deterioration, or a PSD review  
16 and permit, and because this is a peaking facility with  
17 limited operating hours, Basin Electric requested that  
18 operational limitations be placed on the facility. This  
19 was granted, and the station was thereby limited to  
20 nitrogen oxide and carbon monoxide emissions of 238 tons  
21 per 12-month rolling period.

22 Per the draft air permit for Unit 2, which was  
23 recently issued by the South Dakota DENR, this total site  
24 emission limitation will still apply after the second unit  
25 is constructed. In other words, adding a second unit will

1 not increase total allowable emissions from the site. A  
2 thorough environmental assessment was conducted by  
3 Tetra Tech, and is included in the PUC permit application.

4 CHAIRMAN JOHNSON: And it's probably worth noting  
5 for the folks in the audience that the South Dakota DENR is  
6 the Department of Environment and Natural Resources. And  
7 again, if you use other acronyms, maybe spell those out.  
8 Thanks.

9 MR. SHAFFER: The proposed, proposed schedule is  
10 to start construction as early this next summer as we can,  
11 assuming we get a permit. And the first fire, probably  
12 next, the spring of 2008. And then commercial operation in  
13 June of 2008. If you remember June of 2006, the last, the  
14 last week of June and into July got extremely hot. And we  
15 definitely want to be ready for that, that hot weather.

16 That, that concludes my presentation. I'd be  
17 happy to answer, answer any other questions that anyone  
18 might have.

19 CHAIRMAN JOHNSON: While some of you are thinking  
20 about any questions you might have, we'll see if the  
21 commissioners have questions.

22 And again, if you do have questions out in the  
23 audience, just indicate that you do so. And Keith Senger  
24 with the mic there will pop up, and we'll get your name and  
25 get your question.

1           And we'll start with questions. If you have  
2 comments, we will definitely take those in a minute as  
3 well. But let's start with questions.

4           Any commissioner questions? Go ahead.

5           COMMISSIONER KOLBECK: Yes. This is  
6 Commissioner Kolbeck. I had one. You were talking about  
7 the simple stack. You said water vapor, excuse me, comes  
8 out of the stacks. Is that all, or is there anything in  
9 addition that comes out of your stacks?

10          MR. SHAFFER: There's nitrous oxides, carbon  
11 monoxide. The unit does have a CO removal catalyst in  
12 between the turbine and the stack. So it converts a lot of  
13 the CO to carbon dioxide.

14          And we're, we actually are limited as to how  
15 many, the parts per million of both nitrous oxide and  
16 carbon monoxide that we can emit. The stack has a  
17 continuous emissions monitor on it. And we have to, you  
18 know, meet our permit requirements.

19          COMMISSIONER KOLBECK: The other question I had,  
20 the announcement this last weekend for Sioux Falls and  
21 Sanford Health and things like that, is that, do you think  
22 that will affect your load forecast or has anyone mentioned  
23 that? I realize that you don't actually take care of  
24 Sioux Falls, but Sioux Falls metropolitan is one of the  
25 reasons that this will be going in. Are there other

1 projects down the road that you're thinking of?

2 MR. SHAFFER: We're actually thinking of  
3 additional peaking plant installations. Not necessarily in  
4 the Sioux Falls area. We like to stay along the Northern  
5 Border Pipeline if we can because we can get firm gas  
6 contracts. We don't need, we don't need oil backup.

7 As far as what's going on in Sioux Falls, I'll  
8 have to defer that to anyone in the audience that knows  
9 more about it than I do. I...

10 COMMISSIONER KOLBECK: And that's, it's probably  
11 a tough question right now. It's just an announcement that  
12 Sioux Falls is expected to grow tremendously with the  
13 medical community. But...

14 MR. SHAFFER: Well, that was up, that one slide  
15 that I showed indicated about those --

16 COMMISSIONER KOLBECK: Yeah.

17 MR. SHAFFER: -- 200 megawatts for the Sioux  
18 Falls area. So I'm not sure if that was included in that  
19 200 or not.

20 COMMISSIONER KOLBECK: Okay. Thank you.

21 MR. SHAFFER: You're welcome.

22 VICE-CHAIR HANSON: Thank you for the  
23 presentation. My name is Gary Hanson. I have just a few  
24 questions that would center around environmental questions.  
25 So if you want Chris or someone else to answer them, I'd



1 appreciate it.

2           The first deals with the, the piggy-backing on  
3 the question that was asked by Commissioner Johnson. In  
4 the information that was shown, there was a, the dBA's of  
5 approximately, and I'm guessing it was three feet away from  
6 the facility, existing facility that showed 40 to 60 dBA,  
7 and the other one that showed 33 to 90. Were those taken  
8 at different times? I understand the explanation that it  
9 was a strong wind that was, that you believe was creating  
10 the, the higher dBA for the higher number. However,  
11 assuming that it's the same night in the same windstorm,  
12 would that not have affected the other numbers? And that's  
13 why I'm curious why we have a high reading at 90 that's  
14 actually higher than the reading that was closest to the  
15 equipment. Were these surveys taken at the same time?

16           MR. HOWELL: This is Chris Howell again.

17           Those surveys were actually taken before the  
18 units were built. So that was just an ambient background  
19 noise that was measured.

20           Just about anything causes noise. So a truck  
21 driving by, you know, somebody slams a car door shut,  
22 something like that is going to make an impulsive noise,  
23 which drives the overall sound level up.

24           VICE-CHAIR HANSON: That's interesting. We might  
25 check and see what my two-year-old grandchildren, what the

1 level of the dBA is.

2 MR. HOWELL: My 18-year-old -- my 18-month-old is  
3 under as well. Sorry.

4 MR. SHAFFER: Those numbers that you were  
5 referring to were actually, that was a study that was done  
6 before the Unit 1 was -- the permit was even submitted to  
7 you guys, or to the commission.

8 VICE-CHAIR HANSON: I see. So what is the dBA  
9 then? As I was watching, apparently I was confused.  
10 What's the -- not the ambient, but what's the dBA close to  
11 the equipment?

12 MR. SHAFFER: The guarantee is 85 dBA at three  
13 foot -- or three meters from the equipment and five foot  
14 above the ground.

15 VICE-CHAIR HANSON: Right. And you showed  
16 that -- when you showed that 85 dBA, it was at the location  
17 of the second generation facility. Do you have a reading  
18 then on the present one, and what is that?

19 MR. SHAFFER: We, we did verify that the, GE met  
20 its guarantee, and that the noise was 85 or less. The  
21 average noise was 85 or less.

22 VICE-CHAIR HANSON: And do you have an operating  
23 dBA for the first facility at the property's perimeter to  
24 the north?

25 MR. SHAFFER: Yes.

1           VICE-CHAIR HANSON:  If it's less than 85, is that  
2 less than 85 next to the equipment, or is that at the  
3 property boundary?

4           MR. SHAFFER:  At the property boundary, it's  
5 below 50, what we measured.

6           VICE-CHAIR HANSON:  Okay.

7           MR. SHAFFER:  For Unit 1.

8           VICE-CHAIR HANSON:  Thank you very much.  I  
9 appreciate that.  I appreciate you sticking with me through  
10 that so that I can understand it better.  Thank you.

11          MR. SHAFFER:  It's confusing.

12          VICE-CHAIR HANSON:  On the water storage, I  
13 understand this is not a coal-fired, doesn't -- it operates  
14 on the same principle, but it's certainly not anywhere near  
15 a, similarly to a coal gasification.  However, coal uses a  
16 lot of water and, for cooling purposes.  I assume you need  
17 water for cooling purposes as well.  You're not expanding  
18 the storage area for water.  Is that water ground water  
19 onsite that -- surface water, rather, that drainage to that  
20 site, or is that water that's being used for cooling  
21 purposes?

22          MR. SHAFFER:  The water in the pond?  Is that  
23 what you're --

24          VICE-CHAIR HANSON:  Yes.

25          MR. SHAFFER:  -- referring to?  Most of that is

1 storm water run-off water.

2 VICE-CHAIR HANSON: Okay.

3 MR. SHAFFER: The only water that we put in, in  
4 it is the evaporative cooler does discharge some water.  
5 But like I, I said, it's water that's just come in contact  
6 with the combustion air. It's like your furnace. I don't  
7 know. Do you have a humidifier in your furnace --

8 VICE-CHAIR HANSON: Certainly.

9 MR. SHAFFER: -- at home? There's a little bit  
10 of water that trickles into the floor drain.

11 VICE-CHAIR HANSON: Right.

12 MR. SHAFFER: It's the same, the same principle.  
13 That's how an evaporative cooler works.

14 VICE-CHAIR HANSON: Thank you.

15 MR. SHAFFER: You're welcome.

16 VICE-CHAIR HANSON: Are there any environmental  
17 challenges that exist with two facilities as opposed to one  
18 where you're having to do, having to take certain steps in  
19 order to meet environmental challenges that you would not  
20 with just one facility, with just one generating facility?

21 MR. SHAFFER: I can't think of any.

22 VICE-CHAIR HANSON: Okay.

23 MR. SHAFFER: We are, you know, like Unit 1, we  
24 figured we were restricted to a maximum operating period,  
25 and these are real rough numbers, of about 25 percent of

1 the year. Now, with two units, if we run them both,  
2 whenever one runs, the other one runs, we'll be restricted  
3 to about half that time to meet our total emissions  
4 allowance.

5 VICE-CHAIR HANSON: Thank you.

6 Thank you, Mr. Chairman.

7 CHAIRMAN JOHNSON: Did you say whenever one unit  
8 runs, the other will run? Or did I --

9 MR. SHAFFER: No. I was just using that as an  
10 example.

11 CHAIRMAN JOHNSON: Okay. Gotcha. Focusing on  
12 Groton Unit 1 for a minute, do you, do you have, can you  
13 give us an idea of how often it ran at night? Was that a  
14 typical occurrence? And presumably -- I'm sorry. Go  
15 ahead.

16 MR. SKONHOVD: Typically the peaks for --

17 CHAIRMAN JOHNSON: Oh. Hold on just a second.  
18 If we could get your name and have you speak into the mic,  
19 that would be great.

20 MR. SKONHOVD: My name is Tony Skonhovd, and I'm  
21 the operation and maintenance supervisor out at the Groton  
22 station.

23 Typically your peaks are early in the mornings  
24 and through the evening hours from 4:30 until roughly 7:30,  
25 8 o'clock. We have run into the evening hours. We're

1 doing that right now mainly because of the ambient  
2 conditions, the cold weather. But typically, the peaks are  
3 usually when people get up in the morning, start firing  
4 their furnaces, the heating and everything from typically  
5 around 7 until 10 o'clock. And then again it starts at  
6 4:30 until 8 in the afternoon -- or 8 in the evening.

7 CHAIRMAN JOHNSON: Well, I'm asking because of  
8 noise. I mean, and during the day, you know, noise doesn't  
9 seem to bother people at facilities like this. But  
10 sometimes at night, that's when it starts to be bothersome.

11 How often are we talking? Are we talking only  
12 when it gets real cold, so we're talking somewhere between,  
13 you know, two days and 15 days a year? Or give me a  
14 ballpark so I can get a feel for --

15 MR. SKONHOVD: That's a, that's a tough question  
16 because you never know what the ambients are going to be  
17 or --

18 CHAIRMAN JOHNSON: Sure.

19 MR. SKONHOVD: -- or the health of the system.  
20 For example, like Dick said, if a coal-fired unit goes  
21 down, the chances of these units running are higher. But,  
22 you know, the reliability of those units have been very  
23 high, but those things can happen.

24 MR. SHAFFER: This unit has only been commercial  
25 since July 1st. And I can only recall about three times

1 where it's run past 9 o'clock in the evening.

2 MR. SKONHOVD: We've got a total of about  
3 500 hours of operation since we went commercial, which was  
4 the July 1st.

5 CHAIRMAN JOHNSON: Can you -- and noise was  
6 something we focused on a great deal during the siting  
7 process for the Groton Unit 1 as well. Can you give me an  
8 idea of how many complaints you all have received with  
9 regard to noise with Unit 1?

10 MR. SKONHOVD: I haven't received any complaints  
11 as far as noise.

12 MR. SHAFFER: The only complaint that I received,  
13 it wasn't noise at all. It was during construction when we  
14 had, had a lot of lights on at night. There was a  
15 complaint about the light at night. And based on that  
16 complaint, we started turning lights off at night. And now  
17 when we're operating, we have very few lights on just to  
18 conserve energy.

19 CHAIRMAN JOHNSON: Have there been any complaints  
20 about lighting since construction ended?

21 MR. SHAFFER: Not -- no. There have not been  
22 that I have heard.

23 CHAIRMAN JOHNSON: If you could go back to the  
24 map that showed the decibel levels, I would appreciate  
25 that.

1 MR. SHAFFER: There we go.

2 CHAIRMAN JOHNSON: You mentioned the nearest  
3 residence was 1,700 feet. I know when we were doing the  
4 siting process for Unit 1, that that was the residence at  
5 the northeastern -- or yeah, rather the northwestern  
6 portion of that map.

7 MR. SHAFFER: Yes.

8 CHAIRMAN JOHNSON: Is that residence occupied, do  
9 we know, at this time?

10 MR. SHAFFER: I believe it is.

11 CHAIRMAN JOHNSON: Okay.

12 MR. SHAFFER: And that's where our permit for  
13 Unit 1 allows 55 dBA nighttime and 60 daytime. So...

14 CHAIRMAN JOHNSON: I'm sorry. Could you say that  
15 again?

16 MR. SHAFFER: I say our Unit 1 permit allows a  
17 maximum of 55 dBA nighttime and 60 dBA daytime. And based  
18 on our testing with the unit running at full load, we are  
19 significantly under that. And we're saying that with the  
20 second unit, there's not going to be any appreciable change  
21 to that noise level.

22 CHAIRMAN JOHNSON: And that's what modeling has  
23 indicated?

24 MR. SHAFFER: Yes.

25 CHAIRMAN JOHNSON: You know, the statute calls



1 not just for us to consider the effect on current  
2 inhabitants, but also future inhabitants. This will be  
3 something the local review committee will examine, I'm  
4 sure. But can you give me any idea of any concerns you've  
5 got as far as area, you know, possible locations in the  
6 area where there might be subdivisions that might be  
7 popping up or other new residential locations?

8 MR. SHAFFER: Well, the west side of the highway  
9 at this time is just a CRP field. Somebody, I think  
10 somebody purchased it for hunting rights. And on all other  
11 sides, it's ag land: Soybeans and corn and so forth.  
12 Other than that, that residence, there's a residence about  
13 two miles to the southeast. The Niermans.

14 And you said you lived -- I'm not sure where you  
15 live.

16 MR. BAHR: I just live northwest --

17 CHAIRMAN JOHNSON: If you could hold, and we'll  
18 get you the mic here.

19 MR. SMITH: Introduce yourself, please.

20 MR. BAHR: My name is Arnold Bahr. I just live  
21 about less than a mile to the northwest. I'm the second  
22 closest. I haven't heard anything, any noise over to my  
23 place or...

24 I've seen when it was running at one time, and I  
25 stopped on the highway and got out of the car, and I could

1 just hear a low, a low hum. But the noise don't seem to be  
2 any, any problem as far as I can tell.

3 CHAIRMAN JOHNSON: That is great to know.

4 MR. SHAFFER: As far as, I don't foresee any  
5 housing developments in that area. It is five miles from  
6 Groton, and it's pretty much all agricultural land.

7 CHAIRMAN JOHNSON: Well, I know that it was  
8 rather, rather optimistic of me to ask, but I wanted to do  
9 so in any case.

10 MR. SHAFFER: You wanted to drill me, huh?

11 CHAIRMAN JOHNSON: Yeah. In fact, if we've got  
12 some good hunting to the west there, if I could get the  
13 name of the land owner and their phone number and a hatch  
14 count, that would be great.

15 MR. SHAFFER: He's got some expensive signs, I  
16 noticed.

17 CHAIRMAN JOHNSON: Okay. You know, I've heard  
18 experts jokingly say that the, you know, that on a natural  
19 gas turbine that the, you know, the output may be variable,  
20 but the fuel isn't. You know, I mean, it kind of either  
21 runs full bore or not. Is noise variable based on whether  
22 she's running full bore or half that?

23 MR. SHAFFER: Burns & McDonnell when they were up  
24 last summer doing the testing, we tested it at various  
25 loads. And there was no, no real difference.

1                   CHAIRMAN JOHNSON: Okay. With regard to  
2 construction, again, I think we can view the Big Stone 1  
3 experience and that it might be helpful for an idea of what  
4 -- or not Big Stone 1, but rather the Groton 1 might give  
5 us an idea of what Groton 2 might bring. What -- other  
6 than the lights, what kind of complaints did you all get  
7 about the construction?

8                   MR. SHAFFER: I don't, I don't recall any  
9 complaints. We were a little bit concerned about safety on  
10 the highway when the pipeline was being constructed, but we  
11 dealt with that. And we don't have to do that again.

12                   We are going to add, this spring we've contracted  
13 already to plant some more trees on the south side. And  
14 that's the side that affects the one person that did  
15 comment about the lights from the site. So our intention  
16 is to plant more trees there and provide a barrier.

17                   CHAIRMAN JOHNSON: I'm not going to, I'm  
18 certainly not going to hold you, you know, to this because  
19 I understand you want more time to evaluate and study.  
20 But, you know, if we presume for a moment that the noise  
21 levels exceeded the permitted acceptable levels, what are  
22 some possible mitigation efforts that could be taken by the  
23 applicants? I mean, are trees, vegetation, is that, are  
24 those generally helpful in this sort of a situation?

25                   MR. SHAFFER: Trees, trees can be helpful.

1 Typically you need a solidier barrier. I'm not sure. We've  
2 got some pretty good noise experts here. Maybe they can  
3 address that better than I can.

4 MR. HOWELL: There's quite a few different things  
5 you can do. Preferable ones are, you know, putting in  
6 trees. If you were to physically build a berm, like a dirt  
7 berm or a wall or something like that, those can be rather  
8 costly and they have to be extremely tall to make much of a  
9 difference. The trees help. They do need to be fairly  
10 thick overall.

11 There's multiple retrofit-type activities you can  
12 do to the actual equipment such as shrouding them, building  
13 actual walls next to the equipment, things like that.  
14 Making sure they're properly tuned. Sometimes things  
15 happen during construction where it's just not tuned  
16 properly.

17 Obviously, you'd want to make sure that it was  
18 meeting all of the guarantees, first of all, from the  
19 manufacturer. Because if they're not meeting those  
20 guarantees, then the manufacturer needs to do something.

21 But there are a number of different things you  
22 can do to, to mitigate the sound levels.

23 MR. SHAFFER: On Unit 1 prior to the  
24 Basin Electric accepting the unit, General Electric did add  
25 some, made some changes to their insulation and their

1 enclosures to reduce noise so that they could meet that 85.  
2 So there are things that can be done there also.

3 CHAIRMAN JOHNSON: Thanks.

4 Unless Mr. Smith or other commissioners have  
5 other questions.

6 Go ahead, Commissioner Kolbeck.

7 COMMISSIONER KOLBECK: I just have one more  
8 question for you. What is the, the one on Groton 2, what  
9 is the possibility of a Groton 3 or a Groton 4, or that  
10 we'll be here in another year or a year after that? Is  
11 there any possibility or, as far as future down the road?

12 MR. SHAFFER: Well, I can't speak for marketing.  
13 I won't say that there wouldn't be a request further down  
14 the road. We would have to install additional gas  
15 capacity.

16 COMMISSIONER KOLBECK: Okay. That was my  
17 question, I -- that was part of my question is how big  
18 could this become, you know, in years to come.

19 If you increased gas capacity, could there be ten  
20 of them, five of them, four of them?

21 MR. SHAFFER: I don't think we have the space for  
22 that.

23 COMMISSIONER KOLBECK: Okay.

24 MR. SHAFFER: Personally, I don't think there  
25 would ever be another one. Most of our space is to the

1 north. And then we're getting too close to that residence.  
2 And there's no way we would ever -- he wouldn't let us  
3 build there.

4 COMMISSIONER KOLBECK: Okay. Thank you.

5 CHAIRMAN JOHNSON: Unless Mr. Smith or the  
6 commissioners have any additional questions, at this time  
7 we would look to the audience to see first if there were  
8 any questions.

9 If there aren't any questions, we'd be really  
10 interested in hearing any comments from you all. If you do  
11 think of a question even though we're in comment period,  
12 please feel free to ask questions as well. But I'll open  
13 it up for comments at this time.

14 Again, if you could mention, Jim, your name,  
15 and...

16 MR. MOORE: My name is Jim Moore. I'm the  
17 general manager of Northern Electric Cooperative in Bath,  
18 South Dakota. We're a rural distribution co-op with  
19 East River.

20 A couple people with me tonight. I have  
21 Mike Kelly, my operations manager. And I also have  
22 Wayne Wright. Not only is he one of my board members, but  
23 he's the president, he's also the president of East River  
24 Electric.

25 And a little bit about electric co-ops before I

1 say something. We serve more than 90 percent of  
2 South Dakota's geographic area, and directly serve 110,000  
3 homes, farms and businesses in the state. We're the only  
4 utility in the state that serves every, that serves  
5 customers in each of the state's 66 counties.

6 And I also have a letter here from  
7 Audry Ricketts. She is the executive manager of SDREA. I  
8 would like to enter that. It's just a general letter  
9 supporting Basin Electric and their efforts in building  
10 Unit 2 here.

11 CHAIRMAN JOHNSON: And if -- we will certainly  
12 enter that into the record, Jim. I'd be happy to do that.

13 MR. MOORE: Okay. Just give it to you or --

14 MR. SMITH: Hand it to the reporter.

15 MR. MOORE: Okay. We would like to see this  
16 unit. Last year in July when the temperatures hit 100 and  
17 some degrees, it came on. We have a little over 6,000  
18 customers we serve. We also have an ethanol plant, we have  
19 a 3M plant that are 5 megawatts a piece. That it would be  
20 very helpful for us to have this plant here. It really  
21 helped, the first one. And if we can have backup with  
22 Unit 2.

23 Basin is also -- he talked, Dick talked about the  
24 heat recovery unit. There's one over at Ipswich, which  
25 also provides power to us, which really helps us out during

1 the, during the summer and winter.

2           These past two months when you were talking about  
3 when are the peaks, East River peaked last month. It was  
4 approximately 8 o'clock in the morning. This month already  
5 in February, we peaked at about 7:30 in the morning. So  
6 we're looking at mornings right now with the cold weather,  
7 people getting up and getting ready to go to work.

8           We have sold in the last three months  
9 approximately five million kilowatts each month just in  
10 off-peak kilowatts, which is something that would help us  
11 out also in our heating programs and other things we do.  
12 And in the summer we do one with air-conditioning.

13           A little bit, what you asked about Sioux Falls,  
14 Mr. Kolbeck. You talked about if that new health center is  
15 going to add to it. Probably not so much the rural  
16 electric as a business. But all the housing and everything  
17 growing around Sioux Falls, that's all being picked up by  
18 co-op.

19           And there's also -- I don't know if you guys have  
20 got it yet, but over by Sherman, I believe it is, there's a  
21 new ethanol plant that's going to go up pretty soon. And  
22 that's going to be one of those issues you'll have to  
23 replace, you'll have to find, too, as far as territory.

24           But we would like to see this. It's been very  
25 good for us working with Basin on Unit 1. We supplied the



1 power to the construction site. We -- not only does it  
2 help supply power, but we're also upgrading our lines to  
3 our consumers along the way and the outlying areas. So  
4 it's been very good for us. We'd like to see this come  
5 through. Thank you.

6 CHAIRMAN JOHNSON: Thank you very much. Other  
7 questions or comments?

8 MR. HANSON: My name is Rod Hanson, and I have a  
9 small restaurant south of the Groton Generation Station  
10 about three miles. And to give you an idea of the quality  
11 of at least what I've experienced with these guys, the  
12 ditch that they went through with the pipeline, from the,  
13 from the origin all the way to the station is actually in  
14 better condition now than it was before they started,  
15 before they laid the pipeline.

16 In addition to that, the Nierman property to the  
17 east, I don't know how far that is, but I've spent some  
18 time out to the Niermans hunting and just goofing off with  
19 Chad Nierman, and I've never, I've never heard this thing  
20 running. So if -- I just thought I should comment on that.

21 And the impact, although short term, is, is very,  
22 very good for the community.

23 CHAIRMAN JOHNSON: Are all the out-of-town  
24 construction workers behaving themselves when they're at  
25 your restaurant?

1           MR. HANSON: I ran around, did a lot of digital  
2 work just about in every state. And we ran across a lot  
3 of, just about everything you can imagine. And I can't  
4 believe these guys are as well-behaved as they are. It's  
5 pretty impressive, I guess.

6           CHAIRMAN JOHNSON: Thank you for commenting. We  
7 really appreciate, you know, hearing, you know, your  
8 personal comments about the noise. That means a lot.

9           I should also mention, and I suspect most of you  
10 know this, but there's also a local review committee that  
11 is appointed as part of this process. We know that all  
12 wisdom does not reside in Pierre. And so we, as part of  
13 the statutes indicate, that the commission should appoint a  
14 local review committee of people made up of folks from this  
15 area from the different subdivisions of government. We did  
16 that with Groton 1, doing that with Groton 2. And we place  
17 a tremendous amount of weight on that report and what the  
18 local review committee indicates should be done. And so  
19 again, we would thank in advance for all of the work that  
20 the folks from this area will do.

21           Other questions and comments? Other questions  
22 and comments?

23           I would also note that if you, if you didn't get  
24 your chance, if you didn't get an opportunity to say what  
25 you wanted to say tonight or if something after the fact

1 occurs to you, the record is open. And certainly we would  
2 be willing to take your written comments at the commission.  
3 And we would be happy to have those be a part of the record  
4 of this proceeding.

5 Other questions or comments?

6 At this time I would look to our general counsel,  
7 Mr. Smith, to see if there is any other business we need to  
8 transact tonight.

9 MR. SMITH: I don't think so. I think we're done  
10 if there are no comments.

11 CHAIRMAN JOHNSON: That's why he gets paid the  
12 big bucks right there, folks. He's a good babysitter for  
13 us. So...

14 Well, I'd ask one more time if there are any  
15 questions or comments?

16 And if there aren't, on behalf of  
17 Commissioner Kolbeck and Commissioner Hanson and the staff  
18 at the commission, we would really like to thank you for  
19 taking the time to come out tonight. It's not warm and  
20 it's not pleasant out. So thank you for being a part of  
21 this proceeding.

22 (Whereupon, the proceedings were adjourned at  
23 7:01 p.m.)

24 (Whereupon, Exhibit 1 was marked for  
25 identification.)

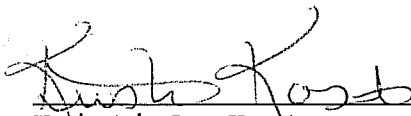
1 STATE OF SOUTH DAKOTA )  
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CERTIFICATE

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I, Kristi A. Kost, Notary Public and Court Reporter in the above-named County and State, do certify that I reported in stenotype the proceedings of the foregoing matter; that I thereafter transcribed said stenotype notes into typewriting; that the foregoing pages, 1-43, inclusive, are a true, full and correct transcription of my stenotype notes.

IN TESTIMONY WHEREOF, I hereto set my hand and official seal this 13th day of February, 2007.

  
\_\_\_\_\_  
Kristi A. Kost  
Court Reporter  
My Commission Expires:  
February 21, 2007