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NUCLEAR REGULATORY COMMISSION

Title: Prairie Island Nuclear Plant

Public Meeting: Afternoon Session

Docket Number: (n/a)

Location: Red Wing, Minnesota

Date: Wednesday, December 16, 2009

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1	UNITED STATES OF AMERICA	
2	NUCLEAR REGULATORY COMMISSION	
3	+ + + +	
4	PUBLIC MEETING TO DISCUSS THE	
5	PRAIRIE ISLAND NUCLEAR GENERATING PLANT,	
6	UNITS 1 AND 2, SUPPLEMENTAL ENVIRONMENTAL	
7	IMPACT STATEMENT RELATED TO LICENSE RENEWAL	
8	+ + + +	
9	Held At The	
10	Red Wing Public Library	
11	225 East Avenue	
12	Red Wing, Minnesota	
13	On	
14	Wednesday, December 16, 2009	
15	2:00 p.m.	
16		
17	NRC PARTICIPANTS:	
18	Michael Fuller, Moderator	
19	Lance Rakovan	
20	Elaine Keegan	
21	Andy Imboden	
22	Jeffrey Rikhoff	
23	Allan Barker	
24	Prema Chandrathil	
25	Karla Stoder	
26	NEAL R. GROSS COURT REPORTERS AND TRANSCRIBERS	

P-R-O-C-E-E-D-I-N-G-S

2:00 P.M.

MR. FULLER: Good afternoon. Can everyone hear me? My name is Mike Fuller. I'm a Project Manager at the Nuclear Regulatory Commission, or NRC as you will hear it referred to today.

It's my pleasure to be facilitating today's meeting along with my colleague, Mr. Lance Rakovan. Lance, if you could -- okay. Thank you. Our job today is to help make this meeting as productive as it possibly can be for everyone involved, and we'll be looking for your help for that.

Our purpose today is to discuss the license renewal and, specifically, the environmental review for Prairie Island Nuclear Generating Plant, Units 1 and 2, but more importantly, we are here today to hear from you.

Today's meeting will have two parts. First, we'll have a presentation from the NRC staff on the license renewal process and the environmental review process, sort of where we are and what lies ahead. We will try to keep this part fairly short so that we can get to the real reason we're here, and that is, once again, to hear your comments. We want to hear your comments regarding the draft Supplemental

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Environmental Impact Statement that was issued in October.

Now, when you came in, you were asked to fill out either a yellow or a blue card. The yellow cards were for those folks who wish to speak today and provide their comments, and I have some of those, and we'll use those to ask folks to come up at the appropriate time. The blue cards we asked you to fill out so that we have your correct name and address and so forth if you wish to be on our mailing list.

And I have a number of yellow cards here that I'll be using, and if anyone wishes to speak and has not filled out a yellow card, please raise your hand and let us know and we'll get one to you.

I'll also mention that our meeting today is being transcribed. It is important that we get a good transcription of the meeting, and so we'll ask that anyone that has any comments, when we get to that point, actually come to the microphone. At that time we'll ask you to please identify yourself and also identify any group that you may be affiliated with.

I'll also ask that we keep any side conversations to a minimum; and if you haven't already done so, this will be a good time for everyone to please silence their cell phones.

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We also had feedback forms available at the table when you signed in. It's very important to us that you take the opportunity to fill those out. Your feedback will be very helpful to us as we plan for future meetings such as this.

At this point I want to introduce Elaine Keegan. Elaine is our project manager and lead for the environmental review, and she has prepared some slides. And also, Elaine, if you could, please introduce some of the other folks who are here within NRC. Thanks.

MS. KEEGAN: Can you hear me? Okay. Thank you, Mike. As Mike said, I'm Elaine Keegan. I'm Senior Project Manager in the Division of License Renewal in the Office of Nuclear Reactor Regulation at the NRC. I won't say I'm the new project manager. I'm the last project manager for the environmental part.

I would like to introduce a few people from the NRC who are here. Andy Imboden, he's the Branch Chief for the Environmental Technical Review Group; Jeffrey Rikhoff is a socioeconomist in Andy's branch; we have Allan Barker, who is the Senior Government Liaison Officer out of the Region 3 office near Chicago, Illinois; we have Prema Chandrathil, who

is also out of the Region 3 office in Chicago, and she is with the Office of Public Affairs; and we have Karla Stoder, who is the Senior Residence Inspector at Prairie Island.

For a brief overview of this meeting, what I intend to do is give a very short overview of the licensing process for Prairie Island so far, what we have done so far. I'm going to talk a little bit about the draft that we published in October.

There will be slides on how to provide comments outside of this meeting, and as Mike said, the major purpose of this meeting is to get comments from the public.

NRC's regulatory oversight has basically two primary statutes: the Atomic Energy Act and the National Environmental Policy Act. The Atomic Energy Act gives the NRC the authority to license operating nuclear plants for 40 years. The 40 years is based on economic considerations and antitrust matters. It's not based on any safety or technical issues.

The Atomic Energy Act also gives the NRC the authority to extend the license for 20 years as long as the plant can be operated safely and the environment can be protected.

The National Environmental Policy Act, or

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NEPA, was established in 1969 as a national policy for considering the impacts of federal decision-making on the environment, so all Federal Government agencies have to write an environmental assessment for major federal action. The license renewal has been deemed a major federal action, and that is why we do prepare the Environmental Impact Statement.

Prairie Island Nuclear Generating Plant Unit 1 operating license expires August 9, 2013, Unit 2, October 24, 2014. 2013 and 2014. Northern States Power came in in April of 2008 with a license renewal application, and we have been working on that since April of 2008.

The license renewal process has two concurrent pathways. There is the safety review, which looks at the safety aspects of plant operations, and it also looks at the plant's aging management program.

As of now, the safety evaluation report documenting the findings from the safety review has been published. It was published in October of 2009. The findings have been presented to our Advisory Committee on Reactor Safety, and I believe we're still waiting on a letter from ACRS on their final outcome, whether they approve or not.

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For the environmental part of the review -- I lost my place. Okay.

We do an environmental review, and the review starts off with a scoping process where previous staff came to Red Wing and had a public meeting to gather public comments. Our NRC staff went to the plant, spent time there for an audit of the environmental area. All of that was combined into the draft Supplemental Environmental Impact Statement for license renewal. It's actually Supplement 39 to NUREG-1437, which is the generic Environmental Impact Statement.

As part of the review, the Prairie Island Indian Community was a cooperating agency in the preparation of the draft Environmental Impact Statement because of their expertise in the areas of historic and archeological resources, socioeconomic, land use and environmental justice.

In the 1990s, in an effort to improve the efficiency of the license renewal process, the NRC performed a generic assessment of the environmental impact associated with license renewal. 92 issues were identified. 69 of those issues were identified as generic to all operating plants and were given the category 1 distinction. 21 remained which had to be

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site-specifically evaluated, and in addition to that, environmental justice and the chronic effect of electromagnetic fields also have to be evaluated on a site-specific basis.

Impacts are quantified as small, moderate and large, and all the areas, the different issues, are fully explained in our Title 10 to the Code of Federal Regulations, Part 51, Appendix B. It has the list and the explanation for why it's small, moderate or large.

Our decision standard for environmental review is, as you can see here, to determine whether or not adverse environmental impacts of license renewal for Prairie Island Nuclear Generating Plant Units 1 and 2 are so great that preserving the option of license renewal for energy planning decision-making would be unreasonable. Basically, is the renewal of the operating license acceptable from an environmental standpoint?

This slide shows site-specific or some of the site-specific issues that were reviewed during the environmental review process. Staff consulted with a number of federal and state agencies, including the U.S. Fish & Wildlife Service, in an effort to identify threatened and endangered species and to identify

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other issues that are important to the area.

evaluated, because by themselves, they don't necessarily have a large impact; but when you combine them with all the other issues, there could be a significant issue. So we look at everything as cumulative. Preliminary findings show that there is potential for a moderate to large impact on the aquatic and water resources.

We looked at alternatives to the nuclear power plants, what options are available. One option was no action where the licenses would expire.

They looked at conservation and there were two alternate energy sources: One, a gas-fired at the plant site and then a gas-fired at a different site. And there were two combinations of alternatives that were looked at, which were a combination gas-fired, wind power, and conservation; and a second alternative was either Unit 1 or Unit 2 at the plant remaining in operation, combined with wind capacity and also conservation.

Preliminary conclusions from the review are impacts of license renewal would be small for the resource areas. Potential environmental impacts of likely power generational alternatives, including not

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renewing, could reach moderate to large in some areas.

And based on the findings, staff's recommendation is that the environmental impacts of license renewal are not so great that license renewal would not be unreasonable.

These are the milestones. The ones in red are the ones that have been accomplished. Draft comments: Comments on the draft are due by midnight, January 30, 2010.

Once we get the comments, we will address the comments, we will revise the Environmental Impact Statement as appropriate, and we will issue a final Environmental Impact Statement. And as of right now, we're not sure. It's going to be dependent upon the number of comments and how much it's going to take to resolve them.

Contact information: If you would like to ask me any questions, my phone number is there, email address is there. I will respond; I will get you the information you request.

The draft Supplemental Environmental Impact Statement, there will be a copy left here at the library, and it's also online if you follow the link at the bottom of the slide.

For submitting comments, if you submit

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cements to prairieislandeis@nrc.gov, we will get those comments. You can mail them to the Chief of the Rule Making and Directive Branch. In the past, we used to have the option of walking the comments to the White Flint Building in Rockville, Maryland, but that's been taken away since the rule-making people went away to a different location. So those are the best ways to get your comments after this meeting today.

And that's it, and I'll turn it back to Mike.

MR. FULLER: Thank you, Elaine. At this time, I'd like to ask if anyone has any questions for Elaine. If there was anything that she mentioned that you would like any clarification for or any clarification on, if you would raise your hand, please.

Okay. And also, as I said before, we're transcribing this, so I would ask you to please step up to the microphone so that the transcriber can hear clearly what your question is. So please come on up.

MS. EIDE-TOLLEFSON: I'm Kristen Eide-Tollefson. I'm from Frontenac, Minnesota. I was interested in the category of new and significant information and what kind of factors those might be, and if NRC considers the big blip in the federal waste

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programs to be a factor such as that.

And I had a second question about the decision standard. The way that it's phrased, it sounds like the NRC is in charge of assuring safety and environmental protection for decision-makers who make energy planning decisions, that this is not one of NRC's functions but it's for energy planners. And could you just explain that a little more.

MR. IMBODEN: My name is Andy Imboden. I'm the branch chief of the environmental branch. The first question you had was new and significant information, and it's important to point out that what was published is the draft site-specific Environmental Impact Statement. And if we missed something or there is a new development, that's the kind of material that we want to make sure we include in the final impact statement.

And the second part of your question was the decision-making standard. That is the commission decision-making standard. That was published by the commission, and the Atomic Energy Act for license renewal says that we may extend the license. It doesn't say we shall.

So it is up to the commission to go forward or not, and that's just with respect to the

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1	environment. That's the standard that the commission
2	will be using to go forward or not with the license
3	renewal.
4	MS. EIDE-TOLLEFSON: Could you clarify who
5	the energy planners and decision-makers are in that
6	context?
7	MS. KEEGAN: The decision-makers are
8	it's not the NRC who are the decision-makers. It's
9	the state and local people that decide how much power
10	is needed for the area. They decide, and the plant
11	itself, whether they want to continue operation.
12	That's all on the state/local level.
13	MS. EIDE-TOLLEFSON: Thanks.
14	MR. FULLER: Okay. Thank you. Any other
15	questions for clarification on what Elaine went over?
16	(No response.)
17	MR. FULLER: Okay. We are now at the
18	point where we would like to switch over to our public
19	comment phase of this meeting, and again, this is
20	really the most important part of why we're here
21	today. So we do want to hear from folks. So far I
22	have one person who has indicated that they definitely
23	want to speak and provide comments.
24	I would also like to mention that Mr.
25	Chuck Ackman is here today, he represents Senator

Klobuchar, and he wanted me to let you know that he's also here to listen and to hear your comments.

Now, if there are folks who would like to make a comment and as of yet have not filled out a yellow card, just raise your hand and we'll get one to you; but as it stands right now, we have one person who has indicated that they would like to make some comments.

So Mr. Alan Childs, if you would, come on up.

MR. CHILDS: Thank you, Mike. My name is Alan Childs II. I am currently the Vice President for the Prairie Island Indian Community and also a tribal member of the Prairie Island Indian Community which resides within 600 yards of the Prairie Island Nuclear Plant. Our tribal offices, our police department, our clinic, our community center all reside within this distance.

As we went through the slides, some of the comments, I guess, we are opposed to the relicensing of the nuclear reactors at Prairie Island; but as a small impact as you saw in some of the slides, I think any small impact is a large impact to our community as the proximity which we reside to the nuclear power plant.

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So although it may be small when the environmental study is done, that is only a snapshot, and we want to be very clear that we feel that is a very large impact in our community as our everyday lives continue to go on and we live in the shadow of the nuclear power plant.

Also, we feel that the regulations for environmental impact studies and things of that nature are inadequate compared to what is going on in other states as requirements as far as Illinois and other areas. And so we feel that these requirements are very inadequate.

And as far as the rule-making policy and things like that, it needs to be looked at, and possibly a national standard or something to that effect, because we do feel that these are only snapshots taken for the time of the environmental study, and then that's the only information we have. Ongoing information is very limited in that aspect.

As we know, Xcel just currently did a groundwater study, which was the first in 30 years, so these things we feel are very inadequate for our safety and the standard that we set for our community and what we want as far as safety.

Also, we continue to feel that as we move

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through the licensing process, the issue of above-ground waste is still clearly absent from any of the environmental impacts that I've seen. And so when we're talking 100,000 years or 10,000 years, you know, how do you account for that in an environmental impact, and we don't see that.

And again, there is no solution to this as we continue to relicense. The inevitability is that there will be more nuclear waste and it will be stored there onsite. And so, again, no solution and continued pollution of our environment.

And so these are some of the comments that I wanted to make today on behalf of the Prairie Island Indian Community, that we are opposed to the relicensing, and that we do feel that many of the regulations in regards to environmental impacts to the rules are very inadequate to what else is going on in other areas of the country. So thank you.

MR. FULLER: Thank you, Mr. Childs. Is there anyone else who would wish to speak, make a comment?

I have Mr. Mark Schimmel from Xcel Energy.

MR. SCHIMMEL: Thank you very much. I'm

Mark Schimmel. I'm the Site Vice President at the

Prairie Island Nuclear Generating Plant. I'm here

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today to give Xcel's position on the NRC draft Supplemental Environmental Impact Statement.

Xcel Energy supports the draft Supplemental Environmental Impact Statement. We believe that the rigorous audits and inspections conducted by the NRC has led to a report confirming our own conclusion, that continued operation of the plant will have minimal impact on the environment.

The draft Supplemental Environmental Impact Statement supports the mission of our own facility, which is safe, reliable, and economical operation, with the safety of the public, our employees and the environment being our number 1 priority, as it always is.

Prairie Island is more than a power plant operated by highly skilled workers. It's a part of the community. Not only does the plant rely on local companies for goods and services, but our employees also live and contribute to the surrounding communities.

Some examples of that: We're very proud to participate and give back to the community in lots of different ways, such as serving on city and town boards, as leaders in civic and community organizations; a lot of our people are coaches on

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sports teams of local schools, local church committees, local boards and councils, along with members of charitable organizations.

Our employees also raise a considerable amount of money for local United Way campaigns, American Cancer Society, and the Make-A-Wish Foundation, just to name a few.

Our employees, along with myself, feel that the Prairie Island Nuclear Generating Plant has been a productive contributor to the energy needs of the State of Minnesota and is a valuable asset and a good neighbor to the surrounding communities and environment.

We remain committed to operating safely, reliably, economically, and focusing on being a good neighbor and a good steward of the environment.

As I mentioned previously, the safety of the public, our employees, and the environment remains our number 1 priority and always has been. I and the rest of the employees, several sitting in this room, for instance, look forward to serving you and meeting the needs of our communities for many years to come. Thank you.

MR. FULLER: Thank you, Mr. Schimmel.

Okay. Anyone else? We have Ms. Vicky

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Winfrey with the Prairie Island Indian community.

MS. WINFREY: Good afternoon, everyone. I'm Victoria Winfrey, I've been elected President of the Prairie Island Tribal Council, and I would like to say that living only 600 yards from the nuclear plant and working there and seeing it every day, it makes you feel is it really safe, are you really monitoring it enough.

I know we have had so many studies done and we've heard so much about it, but through the meetings that I have been to, the wells that were studied weren't really a lot -- there weren't a lot of them located on the reservation and we're closest to the plant. And so I feel there hasn't been enough monitoring.

And I don't know how up to date the equipment is, if it's state-of-the-art, but if we need better monitoring, we would like that. We would like to feel safe and we would like to have the best of everything because it is close to our community.

And that's all I would like to see and to make sure that the air is monitored, the water, the groundwater, make sure everything is monitored continually and we get that information.

And then talking about good neighbors,

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we're good neighbors, also. We're the largest employer in Goodhue County, and we do a lot of donations to our surrounding areas, and we still continue to do the things that the City of Red Wing does, contribute and employ our people. Some work in the city and live in the City of Red Wing.

So we still are opposed to the relicensing, and that's our position as a tribe. Thank you.

MR. FULLER: Thank you, Ms. Winfrey.

Okay. I don't see any other hands of anyone else, so at this point I would like to turn it over to Mr. Andy Imboden who can sort of wrap things up for us here. Thank you.

Andy?

My name is Andy Imboden, MR. IMBODEN: Chief of the Environmental Review Branch in the Office of Nuclear Reactor Regulation. The purpose of this this evening's meeting and at the to collect comments on location is t.he draft. Environmental Impact Statement concerning the license renewal of Prairie Island Nuclear Generating Plant Units 1 and 2, and I would like to thank everyone who spoke.

Comments received orally at today's

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presentations and also that we get in writing will be reviewed by me and my staff, and we'll provide a response to those when we publish the final Environmental Impact Statement.

So speaking here isn't your only opportunity to provide a comment. If something you heard peaks your curiosity, something in the handouts, there is different ways to get your comments in by the end of next month.

We heard some very important comments today on nuclear waste issues, environmental monitoring and a shared concern for the safe operation of nuclear power, and so I would like to thank everyone for coming and we'll be here to talk to you offline for a while. Thank you.

MR. FULLER: As Andy just said and I can reinforce, folks from the NRC will be staying after the meeting today if anyone has questions or anything else they would like to discuss further. But at this point, we can go ahead and adjourn this meeting, and thank you all very much for coming.

(Whereupon, at 2:40 p.m. the proceedings were adjourned.)