1	PUBLIC HEARING
2	MARCH 25, 2025 - 6:00 P.M.
3	BEFORE THE OFFICE OF ADMINISTRATIVE HEARINGS
4	FOR THE MINNESOTA PUBLIC UTILITIES COMMISSION
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6	In the Matter of the Application of Xcel
7	Energy for a Certificate of Need for Additional Dry
8	Cask Storage at the Prairie Island Nuclear
9	Generating Plant Independent Spent Fuel Storage
10	Installation
11	
12	OAH DOCKET NO. 25-2500-39971
13	MPUC DOCKET NO. E-002/CN-24-68
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17	Red Wing Ignite Building 419 Bush Street
18	Red Wing, MN 55066
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24	BEFORE: Judge Megan McKenzie
25	STENOGRAPHIC COURT REPORTER: Jonna Schrupp

1	SPEAKERS: PAGE
2	Mr. Janezich 5
3	Ms. Gorman 9
4	Ms. Ness 13
5	Ms. Overland 16
6	Ms. Eastin 19
7	Ms. Eide-Tollefson 22
8	Mr. Muller 29
9	Mr. Rauterkus 37
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21	WHEREUPON, the following proceedings
22	were duly had and entered of record, to wit:
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1	JUDGE MEGAN McKENZIE: Good evening,
2	everyone. We are now going to convene this public
3	hearing in the matter of the Application of Xcel
4	Energy for a Certificate of Need for Additional Dry
5	Cask Storage at the Prairie Island Nuclear
6	Generating Plant Independent Spent Fuel Storage
7	Installation.
8	This is PUC Docket number CN-24-68 and
9	this is Office of Administrative Hearings docket
10	number 25-2500-39971.
11	My name is Judge McKenzie. I am an
12	Administrative Law Judge with the Office of
13	Administrative Hearings.
14	The Office of Administrative Hearings is
15	an independent entity of state government. It is
16	not affiliated with the Public Utilities Commission,
17	Department of Commerce, the Attorney General's
18	Office or any other entity of state government. It
19	is also independent from Xcel Energy and all of the
20	parties to this proceeding.
21	The Public Utilities Commission has
22	referred this case to me to conduct these public
23	hearings on Xcel Energy's Application, and my job
24	here is to provide a fair and independent assessment
25	of the application and the facts in the record.

As I said, this is a public hearing to gather comments on the application filed by Xcel Energy on a Certificate of Need application to store additional spent fuel at the existing storage installation at the Prairie Island nuclear generating plant.

The primary purpose of this hearing is to gather input from members of the public about whether or not this project should be approved.

What we will do is, after I give a short introduction we are going to have some brief presentations from a few of the panelists, including the PUC, Xcel and the Department of Commerce, who has done the environmental impact statement.

After those presentations I will open the floor to public comments. We have a court reporter present here who is taking down everything that occurs at this proceeding. It's important that we get an accurate record. The transcript is something that I will use when I write my report for the Public Utilities Commission.

I will write a report that includes

Findings of Facts, Conclusions of Law and a

recommendation that will go to the Public Utilities

Commission, who will make the final decision on this

matter this fall.

so I ask that everyone -- I do have the register of people who have signed up to speak.

When you are called to speak I'll just ask that you try to speak clearly and enunciate, spell any names that may be unfamiliar to myself or the court reporter so that the record is accurate.

We are not in a courtroom but this is an official court proceeding, so I do ask that everyone maintain decorum and just speak one at a time.

Everyone will get an opportunity to be heard. I just want to make sure that I get to hear from all of you.

so I would encourage anyone who wants to make comments, if you have not signed up I will still give an opportunity. What I will do is go through the folks who have signed up and then ask if there's anyone else who wants to make a comment or ask questions. But before we do that I will move to Craig from the PUC to give a brief presentation on their behalf.

MR. CRAIG JANEZICH: Hello. My name is Craig Janezich and I work with the Public Utilities Commission, I'm the energy facilities planner.

When the Commission makes a decision they

look at the Certificate of Need and the requirements of Certificate of Need under 7855120. So you have to look at the probable and direct result and denial of an adverse impact of denying the Certificate of Need or not, whether there's a more prudent alternative available that the Commission should consider, and then evidence in the record showing whether there's a cost benefit, if the cost is more than the benefit, essentially, in that third bullet, and then evidence in the record shows there's no conflict between federal and state rules and laws.

This is a general review of the timeline

This is a general review of the timeline that we're anticipating. As you can see we had the virtual hearing yesterday, today we have the in person meeting. The public hearing comments period closes on April 10th. We expect the Administrative Law Judge to have a report to the Commission on July 1st, and tentatively the Commission will make a decision in July or August of 2025, if everything goes as planned.

This slide right here is the written comment period, again, it's April 10, 2025, at 4:30 p.m., we ask that you get the comments in on that date or before then. There's several ways you can do it, you can do it via our

mn.gov/puc/consumers/public-comments. It's also in 1 2 the paper slides if you want to get a copy of those. U.S. mail and e-mail. We do ask that you include 3 the docket number when you submit it to us, just 4 include 24-68, and then we ask that you focus your 5 questions on the three questions here; is the 6 environmental impact statement adequate, should the 7 8 commission grant a Certificate of Need and what other additional conditions should be part of that 9 if we do issue that Certificate of Need. 10 I just want to give you a quick overview 11 of eDockets if you're not familiar with eDockets. 12 This is where everything that we get is filed, 13 including the ALJ's report, any comments you submit 14 will go on edockets, and that's the ALJ and the 15 16 Commission uses what's in that record, exclusively 17 what's on that website to make a decision and apply the Certificate of Need requirements to that. 18 So to get the environmental impact 19 20 statement, there's the Commerce's website, which is 21 right there, and this will be on edockets, the Power 22 Presentation itself, so all the links will be 23 clickable, because these are kind of long I realize. The full case record is also available 24 through edockets, just put in 24-68. If you see 25

1	that red box in the left hand side where it says
2	docket number, if you put in 24-68 and hit search
3	you'll see the entire record of every comment that's
4	been filed. You also can subscribe to the docket if
5	you'd like. There's a link to that, you put your
6	e-mail in and so any time someone will file
7	something to the docket it will go in to your inbox
8	and you'll be able to review it instead of having to
9	look at the website. And I'll hand it over.
10	MS. CAROL OVERLAND: Question?
11	MR. CRAIG JANEZICH: One more thing, and
12	I'm not going to answer your question, I know that.
13	One thing to consider about that timeline
14	as well, the Commission will make a decision in
15	July/August 2025 according to the timeline. The
16	legislature then has a session, the 2026 session, to
17	reject it, modify it, whatever they may do. They
18	may not take any action on it but they have the
19	ability to take action on it before it comes
20	official or becomes part of the record.
21	MS. CAROL OVERLAND: Yeah, that second
22	slide, Chapter 216E and Minnesota chapter 7850, but
23	this is not a siting docket, this is a Certificate
24	of Need, so wouldn't it be 216.B243.
25	MR. CRAIG JANEZICH: I'll correct that.

1	JUDGE MEGAN McKENZIE: We need to get
2	identifications before you speak, please.
3	MS. CAROL OVERLAND: Carol Overland, Red
4	Wing Minnesota.
5	MS. PAM GORMAN: Good evening. My name
6	is Pam Gorman. I work for Xcel Energy. I've worked
7	for the company for 35 years now, most of that has
8	been at the Prairie Island Nuclear Plant. My
9	background is in operations of the plant. I now
10	work at our corporate office on the policy side.
11	So I'm up here tonight to give you a
12	brief overview of the project and background on what
13	we're planning to do.
14	Again, the docket numbers are up there
15	but we saw that earlier in the presentation.
16	This is the filing that we made on
17	February 7th, 2024, for the Certificate of Need
18	application, again, just a picture of the cover.
19	In general, this is a high level
20	overview. We believe operating the plant for
21	another 20 years, to 2053 and 2054, is in the best
22	interest of our customers, our communities that we
23	serve, the environment, the state. And so our
24	application is seeking to extend the operation.
25	We need to increase the spent fuel

storage that we have onsite if we're going to operate an additional 20 years, and so what this Certificate of Need really does is extend that storage by the 20 years and gives us enough fuel to keep the plant operating.

Again, this 20 year extension is part of

-- we have the most recent integrative resource plan
that was approved by the Commission in February of

2025 and part of that was looking at our nuclear
plant operation, and as approved by the Commission
we included the Prairie Island extension.

Again, we are going to add storage to the existing footprint, which we have some boards here and I'll have a slide that shows the independent spent fuel storage installation. But currently we have 52 containers at the site and we will not be changing the footprint. The left hand picture there shows a drawing of possibly where we will put the additional pads once we need them.

Again, Minnesota state statute requires that we do a Certificate of Need to expand spent fuel storage and that is what the application is that we're discussing tonight. It further requires an environmental impact statement, as discussed. That was issued in February of 2025 and the comment

1 period on adequacy goes until April 10th. 2 We've obviously had a previous Certificate of Need that allowed us to have spent 3 fuel storage to get to the current NRC license, 4 which is 2033 and '34, and as mentioned we filed 5 this Certificate of Need on February 7th of 2024, 6 and it supports the storage that allows operation of 7 8 Prairie Island. 9 Craig already went through the timeline but expecting a decision sometime between now and 10 the end of 2025 and then have that legislative state 11 requirement. 12 As mentioned, we currently have 52 dry 13 spent fuel storage systems at Prairie Island and in 14 15 the independent spent fuel storage facility. will be adding a concrete pad for the expansion, but 16 17 again nothing beyond the footprint itself. For that 2033/'34 to 2053/'54, we are 18 anticipating approximately 34 canisters will be 19 20 added to the site, and again, of course, that 21 supports the 20 year extension. 22 So we have a state process, which we're 23 in now for the Certificate of Need. We also have to 24 go through a federal process with our regulator, which is the Nuclear Regulatory Commission. 25

1	So like I said, our license will expire
2	in 2033 and '34 for those two units, and to extend
3	it it's called a subsequent license renewal process,
4	and we anticipate that we will file that SLR,
5	subsequent license renewal, in the fall of 2026.
6	We expect that the review by the NRC,
7	there's also public hearings throughout that
8	process, they come in and evaluate the safety.
9	They're really determining can you safely operate
10	the plant for another 20 years. They're asking us
11	to show our age and management program and
12	evaluating that before they're issuing a license
13	that allows to us continue to operate.
14	So, again, we would expect that license,
15	based on the previous one, to take anywhere from 18
16	to 24 months and completed by fourth quarter of '28.
17	The NRC has already granted nine SLRs to
18	date, including our Monticello nuclear plant, which
19	was approved in December of 2024. There's currently
20	13 under review and then, as mentioned, another 28
21	have submitted a letter of intent that they intend
22	to extend as well.
23	Again, you can see on the drawings over
24	there, you know, pictured up here, as I mentioned,
25	we have 52 casts loaded and we'll add additional

pads here to one of the sides, not entirely sure on 1 2 that. As you see, there's an area with security fences around it. Security is able to monitor that 3 area, and then the whole area is surrounded by an 4 earth and berm. Again, not real easy to see on the 5 slide but you can look at the drawings and the areas 6 surround by an earth and berm, and then you see the 7 8 plant's two units in the background there. That's kind of it. That's the overview 9 of the project tonight. Again, you're more than 10 welcome to e-mail me with questions or Amanda 11 Jepson, who works for me and is really managing this 12 application, we're happy to take questions. 13 Are we doing questions now? We'll do 14 15 that at the end. 16 MS. JENNA NESS: My name is Jenna Ness, 17 I'm with the Minnesota Department of Commerce. 18 Thank you for taking time out of your night to come to the public hearing today. 19 20 I work in energy environmental review and 21 analysis, which means I do environmental review and 22 I wrote the EIS for the project. 23 So we're at the final EIS stage. This is 24 the environmental review document for the project for the Certificate of Need, and analyzes potential 25

human health and environmental impacts as well as 1 2 alternatives to the project as part of the Certificate of Need proceeding, and this document 3 will be used by the Commission, along with the rest 4 of the record, to make their decisions about the 5 Certificate of Need. 6 So I would urge you to grab a copy of the 7 8 presentation, so you have all of these links and 9 e-mails we've been talking about. You can find the EIS on Commerce's website if you follow the 10 instructions here, that Craig explained. 11 It's also on the PUC website on edockets. There is a print 12 copy in the public library at Red Wing, so I would 13 encourage you to use that if you want a printed 14 15 copy, because there is a limited number of print copies on request. They're just very large 16 17 documents and expensive to print. 18 I'll go ahead and hand it back to the 19 Judge. 20 JUDGE MEGAN McKENZIE: Thank you. So I 21 am going to open the floor to public comments. 22 will ask that you begin by stating and spelling your 23 name so that the court reporter gets it right in the 24 transcript and that it's right in my report. 25 We will put the slide back up later about how to make written comments. You are encouraged to make any comments that you wish tonight. You can also make written comments. I just want to note that all comments are given the same weight, whether they are made in person or in writing. So you can make your comments in whichever way feels most comfortable to you and they are all given the same important and due consideration. So I will remind everyone that that deadline is April 10th to make any comments on this project.

You can ask questions of the departments or Xcel if you wish, I cannot promise you that they will answer them, but you are welcome to pose any questions that you would or make any comments.

What we are focussing on is basically whether this project should be approved, whether the environment impact statement is adequate and any questions or concerns you have I am happy to hear them.

So I will turn now to the comments that I have written down. Once we get through the -- I have five individuals who have requested to make comments. Once we get through those I will ask if anyone else has a follow up or has changed their mind and would like to say anything. So the first

individual I have is Ms. Carol Overland. 1 2 MS. CAROL OVERLAND: Do we stay here? 3 JUDGE MEGAN McKENZIE: You can stay seated if you'd like, that's fine. Just project 4 5 loudly enough so the court reporter can hear you. And I will ask that if you have any trouble hearing 6 of the comments just speak up. 7 8 MS. CAROL OVERLAND: First I have two 9 quick questions, one for Ms. Gorman. Is this going 10 to remain a part 72 or is it going to change it to a part 50? 11 12 MS. PAM GORMAN: No, it's going to remain 13 a part 72. MS. CAROL OVERLAND: The next question, 14 where you're talking about weighing the comments. 15 The rules say that under oath makes a difference, 16 17 will that matter to you if it's under oath or not 18 under oath? 19 JUDGE MEGAN McKENZIE: If you would like 20 me to swear you in I'm happy to swear you in. 21 general, it's not -- I take the comments, you know, 22 usually folks have questions, they have opinions, 23 and I am here to listen to that. So if anyone would 24 like me to swear you in I'm happy to do that, but I 25 don't necessarily view it as dispositive. So if

1 anyone wants me to do that I can, but in general I'm 2 here to listen to the community's feedback and 3 opinions about the project. MS. CAROL OVERLAND: I would like that. 4 (WHEREUPON, Ms. Overland was sworn in.) 5 MS. CAROL OVERLAND: 6 This is a 7 Certificate of Need hearing, a Certificate of Need 8 docket, and I'm finding that need is -- the whole 9 concept of having a decision on this is questionable because it's really a matter of economics, not of 10 whether the company needs power. And in this 11 situation we have Prairie Island, which is receiving 12 quite a bit of money for having its casks there, Red 13 Wing is now seeking a similar deal. So where does 14 15 that leave people, and where does that leave the rest of us, as far as what our comments are worth, 16 17 if the primary participants in this are already 18 agreed to, you know, let it happen, let it be there. So I don't see much opportunity for us to do 19 20 anything about this. 21 But in the meantime, you know, when we're talking about need, Xcel has had a peak demand of 22 23 9,859 megawatts back in 2006. That was previous to CapX, and at that time, in the CapX application of 24 2006 for need, they were claiming a 2.49 percent 25

demand, then what's happened is that hasn't happened, it hasn't even come close. And in 2024, based on SEC filings, the demand for 2024, the peak demand, was 8,882. So it's about 400 less. We have not, in 24 minus six years, met that 9,859 peak demand. And what's happening also is we've had a lot of conservation, and more so we've had a massive transmission build out and we had CapX, which was about 700 miles of very (inaudible) transmission, we had the MISO MV project, that was another massive build out, and now we're looking at applications for 765 KV lines running across Minnesota.

so, you know, need is questionable as far as whether they need the power. And then there was testimony in this docket from Jason Standing of Xcel who was rebutting the testimony by DER Zwig, talking about transmission, and it was questionable whether they needed transmission -- that the generation wasn't needed as much as the transmission was needed, and I interpret this as the transmission isn't where they want it. And we've cited a lot of generation but we've cited generation where there is not transmission and that is a problem of both Xcel's and the Commission for permitting that generation, whether it's transmission -- so when

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1
    they're talking about transmission here, I think
2
    that's something we really need to be paying
    attention to. I'll be putting more written comments
3
    on that, and I think I'll leave it at that and I'll
4
5
    put it in written comments.
6
               JUDGE MEGAN McKENZIE: Thank you very
    much for your participation and your feedback
7
8
    tonight.
9
               I apologize, the next signature on the
    sign up sheet is in cursive and I can't read it very
10
    well. Perhaps Charlotte.
11
               MS. CHARLOTTE EASTIN:
12
                                       Eastin.
               JUDGE MEGAN McKENZIE: I will ask you to
13
    introduce yourself for the court reporter and then
14
15
    make your comments.
16
               MS. CHARLOTTE EASTIN:
                                       I'd prefer to
17
    stand.
18
               JUDGE MEGAN McKENZIE: Go ahead.
               MS. CHARLOTTE EASTIN: I don't have a
19
20
    very strong voice. My name is Charlotte Eastin,
21
    C-h-a-r-l-o-t-t-e E-a-s-t-i-n. I live in Lake City,
22
    Minnesota. I'm a retired human service worker.
23
    not a lawyer. I'm not a scientist. I'm just a
24
    person who has been concerned about this industry
25
    for over 50 years and I've been following -- the
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whole problem of the radioactive waste has been very troubling for me.

I've been at these hearings before, this is like deja vu all over again. I don't know how many of these hearings I've gone to. I think the one I went to in 2014, I believe it was, when NSP was asking for more storage -- I'm sorry, Xcel was asking for additional storage back then, and the deal was they were going to get their more storage but we were going to get renewable energy. We were going to get lots and lots of solar and wind energy. But when I went to the hearing last June about the re-licensing I was handed one of these documents (indicating), it's undated, but the meeting was on June 20th, 2024. It's called Advancing the Clean Energy Transition, published by Xcel Energy.

So on page two it has a little breakdown here of our customer's energy mix, and in 2024 solar energy is only 4 percent of the mix. They've had decades or more to make solar energy a renewable energy all over the place and we've only got 4 percent.

So with the new stuff that they want to do by 2030, six more years, they are proposing that they'll have 9 percent solar energy. So that's

1 really not impressive to me. That doesn't blow my 2 socks off. Wow, we're going to get 9 percent solar 3 in exchange for a hundred casks, and that brings me back to the question I was going to ask you. 4 understood that there's still an additional 15 casks 5 6 on the current license. MS. PAM GORMAN: There's an additional --7 8 we'll go from 52 up to 64. 9 MS. CHARLOTTE EASTIN: Right. 64 plus 34 10 is going to be 99 casks. 11 MS. PAM GORMAN: 98, close enough. MS. CHARLOTTE EASTIN: My big issue here 12 is where is our renewable energy? What happened? 13 Why don't we have it, and now we're going to get 14 stuck with almost a hundred casks of high level 15 16 radioactive waste on the Mississippi River in the 17 middle of somebody's community. To me this is unethical. This is an 18 unethical industry that needs to stop and we can't 19 continue to make more waste. I don't care what they 20 21 say about the new nuclear (inaudible), there's no 22 such thing, it's still radioactive, causes cancer 23 and birth defects. 24 So for them to continue to make more and 25 more and more and, what, in ten more years they're

1 going to come back and they're going to want 30 more 2 casks? Where does it end? We need to make it stop. 3 Make it stop. And that's why I'm here tonight to 4 say stop it. 5 JUDGE MEGAN McKENZIE: Thank you very much for your comments and your participation this 6 evening. 7 8 The next individual that I have, I'm 9 sorry, it's Kristen Eide --MS. KRISTEN EIDE-TOLLEFSON: It's Kristen 10 Eide-Tollefson, it's K-r-i-s-t-e-n E-i-d-e, hyphen, 11 12 T-o-1-1-e-f-s-o-n. So I first came into this process, as I 13 know Pam knows, in 1995 when Xcel had projected 14 15 potential siting of waste off Prairie Island in my 16 township. I was on the Environmental Quality Board 17 Task Force then, and was assigned to figure out the 18 legal and legislative implications, which was a wonderful challenge. 19 20 I've been -- primarily our community, 21 which formed a group called Communities United For 22 Responsible Energy, our primary concern was 23 responsible nuclear waste storage, and that's been 24 the focus of our -- of I guess now almost 30 years of comments that I've submitted in various dockets 25

to the Public Utilities Commission and others, and 1 2 that is still my primary concern, the primary 3 concern of our communities which are down river just about 15 miles. 4 One of the questions that I had for Xcel 5 is how many casks of decommissioning waste you're 6 anticipating having to add to the inventory of. 7 MS. PAM GORMAN: I'm going to have Amanda 8 9 verify this. MS. AMANDA JEPSON: So we'll be at 99 10 casks at the end of this. It's 64 equivalent casks 11 and then the new casks we're installing on the pads 12 moving forward, close to 40, so it will be 99, and 13 then we'll be adding 27 casks for decommissioning, 14 15 is our current estimate. 16 MS. PAM GORMAN: Thank you. MS. KRISTEN EIDE-TOLLEFSON: So just 17 18 under another 30. I have another question, let's see, in 19 some of the dockets and in this Commission decision 20 Xcel has been asked to plan out 200 years, in terms 21 22 of the structuring effect. I'm wondering, and I'm very concerned, about the question of facility cask 23 replacement that may be necessary in that time. 24 25 know, I've been reading the latest tri-annual

1 decommissioning report and I must admit I'm not as 2 focussed as I used to be reading that. I can't make out where the funding is going to come from for 3 extended storage, just call it extended storage, 4 long term, indeterminant, where the funding is going 5 6 to come from for the cask replacement project, recommended cask replacement. 7 8 MS. PAM GORMAN: So every 30 years we 9 file the Nuclear Decommissioning Trust Filing, and I think that's what you're referring to, is the NDT 10 that we filed December 1st of 2024. 11 12 MS. KRISTEN EIDE-TOLLEFSON: Right. MS. PAM GORMAN: So then we look out, and 13 like you said, one of the scenarios that we 14 15 evaluate, that no other utilities do, is how long 16 that fuel might sit there after we're 17 decommissioned, and it could be -- we do 60 year 18 scenario, 100 year, and then like I said, we are unique in that we also model a 200 year scenario. 19 20 So in that 200 years we look at is it 21 possible that we will have to replace those casks. 22 Right now the NRC has a continued storage rule where 23 they have said -- obviously, we continue to monitor 24 them and check them for aging management, and 25 essentially we're mainly looking at the seals, but

1 do we need to replace them. The NRC now, with their 2 continued storage rule has said that they believe 3 the casks can last a hundred years or more. So we know, though, in that 200 year 4 scenario we'd be looking at possible replacement if 5 And, again we would continue to monitor 6 needed. them as they sat on the pad. If that was required 7 8 we have built in cask replacements into that NDT 9 filing and so we would pay to recask them. because the federal government has a legal 10 obligation to take those casks and move them, and 11 they were supposed to do that starting 1998 and 12 haven't, so we are reimbursed the cost for spent 13 fuel storage, and when we, for example, have a cask 14 15 project, we continue to sue the DOE, we get recovery 16 of those costs. 17 The Commission the last several times has 18 chosen to do that as a direct refund to customers. And so even when we get out into those years, again, 19 20 the DOE obligation does not go away, although we 21 have funding in our NDT that looks out that far, we 22 would expect to continue to receive reimbursement 23 from DOE. But, again, we fund that NDT assuming a 24 25 long runway for how long the casks can be there, and

1	that's a combination, like I said, of the NDT fund
2	and DOE cost recovery which we continue to get. And
3	we are seeing plants that have decommissioned and
4	have only, you know, ISFSI only, so basically a dry
5	cask storage pad, they do continue to get DOE
6	reimbursement for those ISFSIs, even though they are
7	decommissioned. So essentially their costs are
8	being reimbursed by Department of Energy.
9	MS. KRISTEN EIDE-TOLLEFSON: And when was
10	the first cask put on Prairie Island, what year?
11	MS. PAM GORMAN: 1995. I know you were
12	there. In 1994 the legislation happened and then we
13	loaded the first cask the next year, I believe. It
14	was either 94 or 95. We had built the pad and then
15	realized we were going to go to the legislature and
16	loaded it shortly after that.
17	MS. KRISTEN EIDE-TOLLEFSON: Was the
18	funding you're referred to I'm not familiar with
19	the acronym.
20	MS. PAM GORMAN: NDT, Nuclear
21	Decommissioning Trust. The NDT that we file every
22	three years.
23	MS. KRISTEN EIDE-TOLLEFSON: Oh, yes.
24	And that is not the same as the tri-annual.
25	MS. PAM GORMAN: It's the same, yes.

1	MS. KRISTEN EIDE-TOLLEFSON: It's the
2	same, okay.
3	MS. PAM GORMAN: Yes, the NDT,
4	tri-annual, file every three years, yes.
5	MS. KRISTEN EIDE-TOLLEFSON: And you were
6	thinking and you were planning for one or two
7	replacements?
8	MS. PAM GORMAN: Yeah. In the 200 year
9	scenario it may be more than two. We look at the
10	replacement, we do scenarios where we replace them
11	at least twice.
12	MS. KRISTEN EIDE-TOLLEFSON: Have you
13	done any cost estimates on that?
14	MS. PAM GORMAN: Yes, and we work with
15	our vendor on that in estimating. We project out,
16	obviously, with some rate of escalation, but, yes,
17	that is built into the model of the NDT filing.
18	MS. KRISTEN EIDE-TOLLEFSON: And do you
19	know offhand, I can Google it online but you're
20	probably a better authority.
21	MS. PAM GORMAN: On what the cost would
22	be?
23	MS. KRISTEN EIDE-TOLLEFSON: Yeah.
24	MS. PAM GORMAN: I don't have that on me,
25	we'd have to get back to you on that.

1	MS. KRISTEN EIDE-TOLLEFSON: Thank you.
2	So I guess the part of the EIS that I
3	appreciated most was the restatement from I think it
4	was the 2009 EIS noted, I'll just read it, Analysis
5	in the ECMO (ph) EIS makes it clear that without
6	monitoring and maintenance of ISFSIs and
7	institutional control to support this monitoring and
8	maintenance, radiological impacts will be
9	significantly ever.
10	The supplemental ECMO (ph) EIS released
11	by DOE in 2022 reaches similar conclusions. If
12	monitoring and maintenance do not continue for the
13	duration of spent fuel storage, then radiological
14	impacts are anticipated to be significant.
15	One of my questions has to do with the
16	concern of what kind of fiscal responsibility, given
17	all the unknowns of the future, that the state may
18	end up being burdened with. Over a 200 year period,
19	I don't know, how old is Xcel?
20	MS. PAM GORMAN: 150 years, I think.
21	MS. KRISTEN EIDE-TOLLEFSON: That's like
22	300.
23	MS. PAM GORMAN: I think we'll still be
24	around, I'm pretty sure we will be.
25	MS. KRISTEN EIDE-TOLLEFSON: It is a

1 question and it is a concern. 2 So my main request, given the focus of my long term advocacy is my main request of the 3 administrative law judge is to seriously consider 4 this statement and the EIS that to ensure 5 institutional control and facilitate long term 6 maintenance of the ISFSI, Commission could, as a 7 8 condition on any CN amendment, or on its own motion, 9 implement a planning process or framework for institutional controls of spent nuclear fuel in 10 Minnesota generally, or adapt an existing plan to 11 framework that addresses institutional control to 12 make it relatively more public facing, transparent, 13 and inclusive. Legislation adjusting the 14 15 appropriate relationship between interim storage 16 facilities and repositories would reduce these 17 uncertainties. 18 So I ask the judge to take very seriously that potential condition on the Certificate of Need. 19 20 JUDGE MEGAN McKENZIE: Thank you very 21 much for your comments and your participation today. 22 The next individual I have on the list is 23 Mr. Alan Muller. MR. MULLER: Your Honor, my name is Alan 24 I reside at 1110 West 25 Muller, A-l-a-n M-u-l-l-e-r.

1 Avenue in Red Wing. 2 This is, in some respects, a rather puzzling proceeding to me, but I believe I have 3 lived in the 50 mile ingestion zone radius of 4 approximately ten nuclear power reactors in my 5 lifetime. Some of these have been in Maryland, some 6 in Pennsylvania, some have been in New Jersey. 8 if festivities that go along with the regulation of 9 these reactors are fundamentally similar in these states, at least in my experience, I suppose I've 10 attended a couple of dozen state and federal and 11 local hearings, bearing on different aspects of the 12 operation in these power reactors -- oh, I forgot, I 13 would like to be sworn. I let that go. 14 15 (WHEREUPON, Mr. Muller was sworn in.) MR. MULLER: I should have remembered 16 17 that at the beginning. It seems to me the notice for this 18 hearing, and the manner in which this docket has 19 20 been approached, seems to, unless I misunderstand 21 it, seems to look at the storage facility in 22 isolation, more or less in isolation, but in fact, 23 in order for the two reactors here to operate 24 another 20 years, this storage would have to be 25 authorized or the company would have to find

1 something else to do with the spent fuel, like haul 2 it away one cask at a time. My question here really, I do have a 3 question for the Department of Commerce, does your 4 EIS, which I have not examined in any detail, 5 6 attempt to consider the broader impacts of continued operation of these reactors? 7 8 MS. JENNA NESS: Yes. Chapter 6.1 9 specifically, and if you're interested I can bring 10 this paper copy over for you. MR. MULLER: Thank you. Looking at this 11 12 expansion location, and this is noted as Xcel 13 Energy's slide paginated 15, and there's a picture here of a rectangular fenced area. Does this image 14 15 represent the proposed expansion panel or does this 16 represent what we have now? 17 MS. PAM GORMAN: This is what we have 18 And, actually, if you look at the easel to the left, it's just showing what future pads could look 19 They are not yet there, it's just where we're 20 21 anticipating we could put them so that we would stay within the footprint. And, like I said, that's got 22 23 security fences around it, it's got an earth and 24 berm around it, and so those are some potential locations of future pads. 25

1 MR. MULLER: Now, do these images 2 represent the new style of casks your company 3 proposes to use? MS. PAM GORMAN: 4 Yes. The pad is multi 5 purpose so we could use it for either. 6 MR. MULLER: Thank you. When I look here at the considerations 7 8 slide and say the probable result of denial would be 9 an adverse affect upon the future adequacy, reliability, safety or efficiency of energy supply, 10 a more reasonable and prudent alternative is nothing 11 has not been demonstrated and so on, and yet it is 12 well demonstrated that the cost of either photoable 13 tag power or wind power is less, far less, than new 14 15 nuclear and commonly less than the continued 16 operation. 17 In fact, we have around the country 18 several shut down nuclear plants whose owners are asking and are receiving, unfortunately, extremely 19 20 large subsidies to continue those in operation or to 21 restart them. And it seems likely, and I haven't 22 examined this in detail, but it seems likely that 23 the cost of extending the operation of these nukes 24 another 20 years would be greater than alternative 25 sources. Electricity, usually the lowest cost of

1 electricity is conservation and efficiency 2 investments, and after that we have alternatives, as I mentioned. 3 So I'm curious to know, to me this 4 summary of consideration seem credible as a piece of 5 6 the Applicant's business plan. But as a description of where the public interests would lie, in this 7 8 it's very counterintuitive, it doesn't make sense to I'm wondering, did you -- did Commerce or did 9 the Commission use any consulting resources to 10 evaluate alternatives? 11 12 JUDGE MEGAN McKENZIE: Ms. Ness. MS. JENNA NESS: So Chapter 8.2 of the 13 EIS goes over replacement scenarios that include 14 mixing in wind farms, and I'm just reading here, 15 natural gas combustion, solar farms, and many 16 17 different mixes of those, and it's based on the 18 integrated resource plan docket. So we rely on that, and the Commission's decision is made on that 19 20 to make that analysis in our EIS. And we do go over 21 cost, we go over social cost, we go over greenhouse 22 gas emissions, land use, you know, all the impacts. 23 MR. MULLER: Is it the conclusion of you and your people, for instance, that the increased 24 25 storage of spent nuclear fuel on this Red Wing

1 facility, which if I'm straight on my mind on it, 2 this is the only independent facility of this kind 3 in the country, is that correct? MS. JENNA NESS: I can answer the first 4 5 part of your question but I'm not sure about the second part. 6 Not to be snotty, but I 7 MR. MULLER: 8 think that this is something that everybody involved 9 in this ought to be aware of and be considering, but we want to go from 52 casks, which is the number 10 now, to 86. Inevitably that would involve some 11 radioactive discharges from the facility, if only 12 from the sky showing from the casks. Were the 13 health implications of that considered in a 14 substantial way that I can find in there? 15 MS. JENNA NESS: Yes. I can find the 16 17 exact chapter for you, if you'd like. Yeah, there's 18 an entire chapter on that, on radiological impacts. MR. MULLER: And so was it concluded that 19 20 it would be no increase in radiation exposure or 21 that it was an acceptable increase? 22 MS. JENNA NESS: That it would be a 23 minimal increase and that the impacts are expected to be minimal, and that's based on a third-party --24 25 not test, I'm trying to think of the right

terminology for it, third-party report that was done, and there's other reports we rely on as well that we have in the footnotes. We also passed it by the Minnesota Department of Health to make sure we were interpreting all of the conclusions accurately, among the many other things we discussed in that chapter.

MR. MULLER: Thank you.

Now, one of the consequences of extended operation of these reactors is the mining of more uranium, obviously. Did your work there consider the health impacts upon uranium miners and their families and communities?

MS. JENNA NESS: Yeah, like we talked about at the scoping meetings, that isn't part of the scope of the project. That's outside the scope of the project. It's kind of a downstream impact. The way the project is defined is by environmental review rules that the State of Minnesota kind of confines it, otherwise we would be expanding it to proportions that are not analyzable. And I didn't make those rules, that's MEFA. It's not in the scope so, no, we did not address that, again.

MR. MULLER: I'm not sure I understand that, but there is, for example, a proposal to begin

1 or commence, recommence, the mining of uranium ores 2 in the state of Virginia, and some of that will be processed and concentrated and various things done 3 to it and will be loaded in to these reactors and 4 subsequently taken out of the reactors and loaded in 5 to these casks. Is that overall -- do you feel 6 that -- I'm asking a loaded question here -- I'm 7 8 trying to get at the question whether those issues 9 have been addressed in a meaningful way. see any mention of that in the summary here. 10 JUDGE MEGAN McKENZIE: I think what she 11 said was it's outside the scope of the proceeding. 12 13 I beg your pardon? MR. MULLER: JUDGE MEGAN McKENZIE: The rules that 14 15 define the Environmental Impact Review, I think what Ms. Ness is saying that the mining of the uranium is 16 17 outside the scope of what the statute defines for 18 environmental review. Yes, I think that's probably 19 MR. MULLER: 20 And what that indicates is the inadequacy of 21 the review process to capture the actual impacts, particularly the open environmental impacts, and as 22 23 long as major impacts of that nature are not captured by the process the process is not 24 25 sufficiently robust to be used to justify the

1	expansion of the storage facility.
2	And I think perhaps I'll pipe down with
3	that. I might have a couple of additional comments.
4	But I'm satisfied that we don't have here a rational
5	basis for the approval or the granting of a
6	Certificate of Need for an expanded storage facility
7	in Red Wing, or probably anywhere else, but
8	particularly not here, where the community is
9	already burdened by two reactors and burdened by a
10	storage facility to be expanded, not to mention by
11	two garbage incinerators, also operated by the
12	applicant.
13	So I think that we're looking at a very
14	problematic proposal, and I'll submit some comments
15	but they'll be to the point that this is not a
16	Certificate of Need that ought to be granted.
17	JUDGE MEGAN McKENZIE: Thank you very
18	much for your comments and your participation, sir.
19	The last individual I have, I'm going to
20	butcher this name. Ralph Rauterkus.
21	JUDGE MEGAN McKENZIE: First, spell the
22	name for the court reporter.
23	MR. RALPH RAUTERKUS: Ralph Rauterkus,
24	first name is R-a-l-p-h, last name is
25	R-a-u-t-e-r-k-u-s. Many of questions I had tonight

were already addressed as well.

Really my concerns are on the long term storage out there. In looking at the existing casks and 27 more, I think you mention in here decommissioning 25 casks, the first cask you said went out 30 years ago, and when I -- I spent time on city council for eight years from 2009 to 2016, just for a little background. Back then I was told the first cask had a life span or expected to last 40 years, I don't know if that's the old style and the new style is much longer. I mean, how many old style casks are out there versus the newer?

MS. PAM GORMAN: They were initially licensed for 40 years, because that's the NRC process. Now they can renewed, again, that is the ISFSI pad, which is what I think you're thinking of. The pad was initially licensed for 40 years and then we renewed it for anothers 20, the ISFSI itself.

The casks themselves, like I said, they're monitored by the NRC. We anticipate that they could last a hundred years or more, that's what the NRC is saying today. We're going to continue to monitor them, we're going to continue to look for signs of aging taking place, like we may have to replace a helium seal, but essentially it's a big

piece of steel and bored resin around it to protect 1 2 the fuel inside. It's got helium cover gas on it. But it's essentially a passive system sitting out 3 there, we will monitor it, but we don't anticipate 4 having to replace those or do anything other than 5 monitor, could be a hundred years, it could be 6 longer than a hundred years, we don't know. But the 7 8 NRC has done a lot of testing on that and they 9 license it and they monitor it, along with us. 10 MR. RALPH RAUTERKUS: Is there a proven process for repackaging that cask, and have you done 11 12 that? MS. PAM GORMAN: We have not done that. 13 Other utilities have had to bring casks back inside. 14 We would unload it into the pool, similar 15 to the way we loaded it, and load it into another 16 17 type of canister or cask based system, but these 18 casks, we can move them on the rail. So, I mean, as we project out what the future looks like we are 19 hoping to be moving them from our facility to either 20 21 an interim storage facility, a permanent repository, 22 we could be moving them to a facility that recycles 23 the fuel and reuses it. A lot has changed in the last 30 years. 24 25 We're not just looking at storage and long term

We

1 storage. We are looking at the possibility this can 2 be feed stock for the advanced nuclear reactors that are being built. I mean, there's medical isotopes 3 that can be used. There's a lot of things that this 4 fuel can still be used to do. So there's a lot of 5 options. It could be storage, it could be 6 recycling, it could be another future with that 7 8 fuel. 9 MR. RALPH RAUTERKUS: Has there been any 10 of the packaging of a cask outside of a nuclear power plant, you know, say they're decommissioned, 11 now they're gone. Is there anything out there where 12 they have to produce or build a new facility to do 13 that, is there one out there? 14 15 MS. PAM GORMAN: No. I think there are seven that are ISFSI only. So there are seven sites 16 17 that the plants have been decommissioned themselves 18 and now it's only the dry cask storage pad. But I'm not aware of any of them having to recask the seal 19 in another form or to move it. It remains there 20 21 and, again, it's being monitored. We were not the 22 first to load a cask, and I should mention, most 23 plants that are operating today, we have 93, have 24 some type of ISFSI, there's just a couple of them

that don't. We are not unique in the industry.

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have an ISFSI but most sites do as well.

MR. RALPH RAUTERKUS: I just raise those questions because you think a hundred years out, you know, you're going to have to repackage them at some point, and that's my concern. How is that going to be done? Will we have the know how? Will we have the expertise to do that, if the plant is decommissioned and gone.

MS. PAM GORMAN: And the other thing I should say, I've observed this personally in France, they have a hot cell facility. So they don't even bring it back it in to a pool. They can use a hot cell and unload a cask, because they recycle fuel, so they take it out of the cask, they recycle it, they're left with a bio product, but they can also re-cask the fuel in the hot cell if needed. Idaho National Lab has a hot cell. We know that sites could build a hot cell if they needed to.

But, again, we don't anticipate that cask would fail. I mean, it might be a seal issue that we would have to replace, but we'll continue to monitor it, we'll have oversight by the Nuclear Regulatory Commission, along with all the other sites, the 65 sites that we are monitoring today.

The U.S. is moving towards a consent

based siting program, with anticipating that they're 1 2 going to have regional interim storage locations, and so they're moving forward with that consent 3 based siting program. And like I said, a lot of 4 conversation is changing around recycling of that 5 I mean, personally, that fuel still has a lot fuel. 6 of value in it, I think it makes sense to reuse it, 7 8 just like we do with most things. So we have the ability to recycle that, and the technology exists. 9 The hot cells exist today, repackaging exists today, 10 recycling exists today. Those are all things that 11 we have to make a decision as a country whether or 12 not we're going to move forward with it. 13 MR. RALPH RAUTERKUS: Thank you. All my 14 15 other questions were asked already. 16 JUDGE MEGAN McKENZIE: Thank you for your 17 comments and participation today, sir. 18 Is there anyone who has not spoken or made a comment who would like to do so? Is there 19 anyone who already spoke who has a follow up? 20 21 seeing a few hands. I will start with Ms. Overland, 22 since you went first. 23 MS. CAROL OVERLAND: Some of these have 24 brought up other questions. 25 I too have been doing this for 30 years

now and I didn't think I'd be spending my time now 1 2 at this age doing this again. 3 The first one, how many TN 40s are there right now? 4 MS. PAM GORMAN: 52, and we will load 5 three in 2025, so we'll have 55 TN 40. 6 MS. CAROL OVERLAND: Okay. And then back 7 8 in 1994, in December, when we were first having that NSP little committee, at that time I was still a 9 truck driver, so I was used to replacing the seals 10 11 on the trailer wheels. Because they're always talking about the seals on the TN 40 I thought, oh, 12 seals, and it turned out -- and I asked, well, do 13 they have to be replaced and there was no answer and 14 15 they had to come back with an answer and it was, well, they have to be replaced every 20 years. And 16 17 now it's 30 years later, how many have been 18 replaced? MS. PAM GORMAN: Again, in the industry 19 20 we have not seen the need to replace them. They are 21 functioning just as they were designed to. The 20 22 year was an initial license period, like we thought 23 it might happen, that they'd need to be replaced during that period of time. But what we were seeing 24 25 is they are performing as designed, as in day one.

1 They don't need replacement. We monitor them. 2 are monitoring the helium pressure seal to make sure that there's no -- what we're monitoring is to make 3 sure that the helium cover gas is keeping the fuel 4 5 covered, and so we are monitoring to look for any indications that that helium is exiting the seal. 6 But we have had no issues -- actually no issues in 7 8 the industry as a whole. 9 Like I said, we are not the first one to load a cask. There are sites that are older than 10 us, and we all are monitoring. There may have been 11 other seal replacements, I'm not familiar -- Amanda, 12 13 do you know if anybody has done a seal replacement? MS. AMANDA JEPSON: No, I'm not aware of 14 15 any. MS. CAROL OVERLAND: I'll dig up my thing 16 17 about that. 18 MS. PAM GORMAN: Again, contact me if you have additional questions or I can get you some 19 20 vendor contacts if you want to talk to our vendor, our joint task vendor, or another -- we know all the 21 22 vendors and we work with them, so I'm happy to 23 connect. They'd have the bigger picture of what it 24 looks like in the U.S. 25 MS. CAROL OVERLAND: And then has -- I

think this was covered, but has any TN 40 been 1 2 unloaded, first on Prairie Island and then anywhere 3 else? MS. PAM GORMAN: Not at Prairie Island, 4 we have not had the need to do that. I believe it's 5 Peach Bottom that had a bolted metal cask came in 6 and we loaded, but I don't know, I need to confirm 7 8 Again, I'm happy to get back to you with some information but I need to confirm. I know we have 9 not at either site. 10 MS. CAROL OVERLAND: Next question, has 11 DOE nuclear funding been frozen? 12 MS. PAM GORMAN: No. Remember, that fund 13 that we paid into, we get a judgment that says we 14 15 have to get reimbursed for those costs. It's not a 16 fund. I mean, this is being paid by taxpayers. 17 we have a judge that has said that we are due those 18 So we, as part of our settlement, submit our 19 costs every year and we get reimbursed by our 20 taxpayers. 21 MS. CAROL OVERLAND: So you're saying 22 there's no way that can be frozen by the feds? 23 MS. PAM GORMAN: Not that I'm aware of. 24 Again, I'm not an attorney, but not that I'm aware 25 of.

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               MS. CAROL OVERLAND:
                                     Things are happening
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    that we don't know.
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               MS. PAM GORMAN: I understand, but this
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    is a judgment fund.
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               MS. CAROL OVERLAND:
                                     Then for Commerce,
    has the -- okay, years back, I think it was '98,
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    there was a natural gas replacement option.
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8
    that been addressed in the EIS for this?
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               MS. JENNA NESS: No, it has not been
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    addressed, because it wasn't an option in the IRP
    proceeding and the Commission determined, I believe,
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    and correct me if I'm wrong, that that -- I'm not as
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    privy to that piece as other people at Commerce, but
    they've determined that it's adequate and that sort
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    of study didn't need to be addressed. If I'm
    hacking that up at all I'd appreciate some help but
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    that's why it's not in the EIS.
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               MS. CAROL OVERLAND: I thought that I had
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    put that in as a comment.
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               MS. JENNA NESS: You did, and I did look
    into it, and I talked about it with my supervisor
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    and that's what we talked about, what I just told
23
    you.
               MS. CAROL OVERLAND: And there will be
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    something in the EIS about that, that review?
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1 MS. JENNA NESS: Well, this is the final 2 EIS. 3 MS. CAROL OVERLAND: Right. MS. JENNA NESS: So there's not going to 4 be any more edits, so what's in here is final, 5 unless it's determined not to be accurate. 6 MS. CAROL OVERLAND: So there's nothing 7 8 in there about the natural gas alternative option from 1998 or so? 9 10 MS. JENNA NESS: No. Because we looked at the replacement scenarios in the IRP. 11 12 MS. CAROL OVERLAND: I had thought that you said that this did deal with alternatives? 13 MS. JENNA NESS: It did, yes. 14 15 MS. CAROL OVERLAND: But are you saying the only ones that you looked at were ones within 16 17 the IRP? 18 MS. JENNA NESS: Correct. MS. CHARLOTTE EASTIN: That's something 19 20 I'd like to get into. 21 MS. CAROL OVERLAND: We'll get in to that 22 in a bit. 23 MS. JENNA NESS: More IRP and Certificate 24 of Need in-depth questions, that's not my area of 25 expertise. If we need to go that route we can try

1 to get those questions answered as well. 2 MS. CAROL OVERLAND: And with that, we have the opportunity to put written comments in and 3 also address the inadequacy of the EIS? 4 5 MS. JENNA NESS: 6 MS. CAROL OVERLAND: Regarding health impacts, I know that I had submitted the work of 7 8 Aaron Davisson, who has been working on modeling of impacts of low level radiation. Is that addressed 9 in the final EIS? 10 MS. JENNA NESS: Absolutely. 11 MS. CAROL OVERLAND: Okay. I will check 12 That's all I have for now. 13 that out. JUDGE MEGAN McKENZIE: Who had also 14 15 raised their hand? 16 MS. CHARLOTTE EASTIN: This is just 17 really a quick observation. We already know that 18 there's going to be 99 casks or 98 casks at the end of 2053, and now I just learned this evening there's 19 going to be an additional addition of 27 more casks 20 21 when the decommissioning comes, so that's 126 casks, 22 give or take a few. 23 My point is, you can leave it where it is, you can move it somewhere else, you can recycle 24 25 it and condense it down and try and put it in a

smaller box, it's still radioactive. We're still 1 2 going to have a problem with radioactive waste that 3 is highly dangerous to health, and that is why I don't care if you're going to move it around or 4 whatever you do with it, it's still going to be a 5 6 problem until we just say we're not going to do it 7 anymore. 8 JUDGE MEGAN MCKENZIE: Thank you very 9 Who else had wanted -- just remind the court 10 reporter of your name, please. MS. KRISTEN EIDE-TOLLEFSON: Kristen 11 12 Eide-Tollefson. Can anyone here clarify for me the 13 relationship between the scope of this environmental 14 15 review and the integrative resource plan and whether 16 or not the integrated resource plan has already 17 predetermined the legitimacy of the Certificate of 18 Need, or whether this is still an open question? didn't do the IRP this year and I'm wondering if 19 20 there is someone here who can explain that to me? 21 MS. KATHERINE ARNOLD: I can take this if 22 nobody else wants to. 23 Katherine Arnold from the Department of 24 Commerce. So the IRP did not predetermine the 25

outcome of the Certificate of Need. This is still 1 2 an open contested case process, in which a decision 3 hasn't been made. What the IRP process did is it ran many 4 scenarios, a number of them more of the modeling, I 5 6 certainly don't have that background, I just do the legal stuff, but looked at different options for how 7 8 do we get those needs, so those models came out with the answers, and the IRP, what was decided, is that 9 10 for planning purposes, the plan stream would be extended with the understanding that this process 11 was going to proceed and it's either going to be 12 approved or not approved, but just for planning 13 purposes for the IRP that was what ws decided there. 14 15 MS. KRISTEN EIDE-TOLLEFSON: And that constrained the consideration of alternatives in 16 17 this proceeding? 18 MR. STEVE RATOW: Steve Ratow from the Department of Commerce, R-a-t-o-w, that was a 19 decision made by EERA. We did not go tell them 20 21 these are the only alternatives you can consider. 22 We did our work in the resource plan, they then took 23 that into consideration and made their own 24 decisions. Does that help? 25 MS. KRISTEN EIDE-TOLLEFSON: Was that

1 formally part of the scope, that those would be the 2 only alternatives considered, was that in the scope? MS. JENNA NESS: I would have to read the 3 scope to see if it was specifically outlined that 4 way, but I can tell you that the final EIS 5 definitely complies with the scope. 6 MS. KRISTEN EIDE-TOLLEFSON: 7 Thank you. 8 JUDGE MEGAN McKENZIE: Was there anyone else who wanted to make a comment or ask a question? 9 MR. MULLER: Al Muller again. I'd like 10 to draw the court's attention to Xcel Energy slide 11 paginated 11, in which it says the 20 year extension 12 of Prairie Island is based on our recent resource 13 planning models in our 2024 to 2040 upper midwest 14 integrated resource plan, as approved by the 15 Minnesota Public Utilities Commission. 16 17 Okay. Now, an integrated resource plan is a planning concept which seeks to treat supply 18 side resources and demand side resources 19 symmetrically. Meaning, for instance, supply side 20 21 resources are power plants, extended operation of 22 nuclear reactors. Demand side resources are 23 conservation and efficiency programs and such. When 24 you look at these in any kind of symmetrical fashion, almost invariably the demand side resources 25

come out to be the least cost, so that if in fact 1 2 you do a valid integrated resource plan you may come up with something approximating the least cost of 3 electricity, and in that plan you can assign dollar 4 values to health impacts and all sorts of things. 5 But the problem here is that we don't have a valid 6 integrated resource plan and process in Minnesota. 7 8 We have a process that consumes a lot of talented people's time and yields little or nothing other 9 than a mirror image of the utility's business plan. 10 So when we say here that the 11 justification for the extended -- for this extended 12 storage facility ties back in to an integrated 13 resource plan that was entirely controlled by the 14 15 utility itself. It is more or less self-evidently 16 and not a valid process and not an acceptable 17 justification for proceeding with this. 18 Now, what I just said about the inadequacy of the integrated resource plan and 19 process as it's carried out in Minnesota, I have 20 21 said a few times to the Commission and to various 22 members of the staff and nobody has ever said to me, 23 hey, you know, you're right. Because the appetite

for doing that doesn't seem to exist in Minnesota.

So we have a very complex modeling process, using

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very expensive models, which are controlled by the utility. The model runs are, and correct me if I'm wrong, controlled by the utility, and so, again, the outcome of the process is simply a mirror image of what went in, one, it's the commission rubber stamping the utility's business plan. And as such, you know, my testimony here is this is no sound basis for approving this extended storage operation or anything else for that matter.

And if you were curious about the consequences of it, you could look at various examples of testimony from the attorney general's office, which has a utility regulatory shop and has shown there that Minnesota has made a transition from being a relatively low electricity cost state to a much higher electricity cost state. The reason for that is the control of the process and the lack of valid ways of addressing this sort of thing that we're here to address. And I don't say that to insult anybody. Xcel Energy is as cleverly managed a utility as you could probably find in the country and rarely seems to experience very substantial opposition, certainly not from members of the Commission. But I don't think there's anything in here that could justify a report recommending to the

1 Commission that the Certificate of Need be granted 2 for this. I could go on and on about this for a 3 long time, and I don't imagine most of the people in 4 the room want to hear it. But the point I hope I 5 made is that the whole justification for this is a 6 pile of quick sand. 7 8 Thank you, Your Honor, for allowing me to 9 comment further. JUDGE MEGAN MCKENZIE: 10 Ms. Arnold. MS. KATHERINE ARNOLD: One quick clean up 11 12 clarification. The most recent IRP there were three modeling parties, the Department of Commerce did 13 some modeling and then a group of environment 14 15 organization, like the Clean Energy Organization 16 also responded. 17 MR. MULLER: You know, it's true, and 18 what -- you can go to a meeting of one of the innumerable meetings, IRPs are very good for 19 20 generating meetings at which people jump on. 21 haven't seen any indication that these so-called 22 environmental groups have grasped what's happening 23 and how they're being used. Where are they? 24 don't see any. Thank you. 25 JUDGE MEGAN McKENZIE: Thank you, sir.

1	What I've put up is the slide reminding
2	everyone how to make written comments. Again, those
3	must be received by April the 10th at 4:30 p.m. So
4	if anyone would like to make a written comment be
5	aware of the timeline and the methods for doing so.
6	As I said, all comments are given equal
7	weight, whether they are made in writing or in
8	person. So if you did not feel comfortable, I know
9	not everyone is comfortable speaking in front of a
LO	group, you're more than welcome to submit a written
L1	comment and I will get it and I will read it.
L2	So thank you very much everyone for your
L3	attendance and attention today. Public
L 4	participation is a very important part of this
L5	process and I personally take it very seriously. So
L6	thank you everyone for attending, and I hope you
L7	drive safely home. With that we are adjourned.
L8	(Proceedings were adjourned at 7:15 p.m.)
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    COUNTY OF HENNEPIN
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                 REPORTER'S CERTIFICATE
 6
                  I, Jonna Schrupp, do hereby certify
 7
    that the above and foregoing transcript, consisting
 8
    of the preceding 55 pages is a correct transcript
 9
    of my stenographic notes of the proceedings to the
10
    best of my ability.
11
                  Dated April 10, 2025
12
13
                        /s/ Jonna Schrupp
                        JONNA SCHRUPP
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                        Stenographic Court Reporter
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