

Oral Public Comments Received on the Draft Environmental Impact Statement for the Prairie Island Nuclear Generating Plant Additional Spent Fuel Storage Project

eDockets No. CN-24-68

Public Meetings

- 1. November 19, 2024 Red Wing, Minnesota, 6:00 p.m.
- 2. November 20, 2024 Virtual, Online Meeting, 6:00 p.m.

ſ	
1	DEIS MEETING - 24-68 - NOVEMBER 19, 2024
2	BEFORE THE MINNESOTA DEPARTMENT OF COMMERCE
3	
4	
5	In the Matter of the Application of Northern States Power
6	Company d/b/a Xcel Energy Request for a Certificate of Need for Additional Dry Cask Storage at the Prairie
7	Island Nuclear Generating Plant Independent Spent Fuel Storage Installation
8	PUC DOCKET NO. E-002/CN-24-68
9	
10	
11	
12	Ignite Building in Red Wing, Minnesota
13	
14	
15	
16	Met, pursuant to Notice, at 6:00 p.m. in
17	the evening on November 19, 2024.
18	
19	
20	
21	
22	
23	
24	COURT REPORTER: Janet Shaddix Elling, RPR
25	

1	IND	E X
2	SPEAKER	PAGE
3	Jenna Ness	3
4	Craig Edstrom	8
5	Nathan Dull	9
6	Michael Murphy	11
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

MS. JENNA NESS: Thank you, everybody, for coming here tonight and taking time out of your busy lives to come to our public meeting.

I'm Jenna Ness, I work for the Department of Commerce and I wrote the Draft Environmental Impact Statement for the project for additional spent fuel storage at the Prairie Island Nuclear Generating Plant.

We'll go over the context briefly of the plant and discuss the project. Of course the Draft Environmental Impact Statement, you might hear me say Draft EIS, that's what it is, what the next steps are, and then we'll go into questions and comments.

So Prairie Island Nuclear Generating
Plant started operating in 1973 right here in
Red Wing. It includes storage for spent fuel, as
you can see in the picture here. This is also
called an Independent Spent Fuel Storage
Installation, or an ISFSI. It's currently licensed
for operation through 2024.

Xcel Energy is seeking to extend operation of the plant site 20 years to 2054. That would require a federal license renewal from the Nuclear Regulatory Commission, or the NRC.

This project also requires a certificate of need from the Minnesota Public Utilities

Commission. And the Department of Commerce, myself, must prepare the EIS to aid in the Commission's decision on whether the project is needed.

Here is a picture of where the project could go. So here are the current casks, as you saw in the previous picture. Right now there are 52 of these on three pads, and the project is proposing two to three pads. So one could be here and this could be one long one or two smaller ones (indicating).

And the project technology I'll refer to as the NUHOMS, but that's the company, and if you need that information you can get a PowerPoint paper copy that you can grab.

So this new technology is horizontal storage technology. If you look at the previous picture here, these are vertical. So on these new pads, you would have these concrete storage vaults and then the casks here, or canisters, these will be called, will be transported and put into these vaults. And that would begin in 2026. And currently there's already over 1,200 of this storage type.

So the EIS I prepared will aid the Commission's decision on whether the project is needed for the certificate of need. It's issued in this draft form, so the public and any other interested parties can comment on it. Let us know anything we may have missed, that we should enhance and improve. And then we can make adjustments for it before the Final EIS is put out.

And our table of contents in this EIS is based on the public meetings we had back in April and the discussions we had there and what we normally do for these types of projects.

So you can find our EIS on the website. Like I said, you can grab a copy of the PowerPoint if you want to type in the link, but otherwise you can search the Commission's website here with these docket numbers.

There is a paper copy at the Red Wing

Public Library, and you can also get a printed copy

on request from the Department. There are a limited

number available. If you look here, these are quite

large documents, and they cost a lot of money.

So just a summary of some of the high points in the EIS. The non-radiological impacts are anticipated to be minimal. The radiological impacts

are also anticipated to be minimal. And with NRC standards provided that the monitoring and maintenance continues until the fuel is transported off site.

Impacts of continued operation through 2054 are also anticipated to be minimal. Those are mostly associated with cooling water from the plant. And then the other regulated radiological releases at the plant that are within NRC standards.

The impacts for decommissioning the plant after 2054 are anticipated to be minimal, providing monitoring and maintenance of the ISFSI continues until transportation offsite.

Alternatives to the project are not currently feasible, is how the EIS found that. And then alternatives to continued operation of the plant have relatively greater impacts compared to the project, and that is kind of across-the-board with land use and wildlife and cost and carbon emissions.

Here's kind of the timeline. If you were here back in April, we had our scoping meetings. I issued this EIS on October 31st. We're in the middle of the comment period on the Draft EIS and at the public meetings. We'll have another one

virtually tomorrow night, if you want to participate in that. And the Final EIS will be issued February of next year, early February, February 7th, I think is the target date. And then the Commission will make a decision on the certificate of need request. Here I have February at the earliest, but it's unlikely to be that early. We can talk more about that if you'd like.

Okay. There's several ways you can comment on the Draft EIS. You can make a verbal comment once this presentation is done shortly here. You can complete and submit one of the comment sheets at the front table. There is also a link online and you can just submit one there. And here is all of my contact information. Send it directly to me and it will also get recorded, and just be aware that the comment period ends December 6th at 4:30 p.m.

All right. So we'll move in to the commenting part and questions part of the public meeting. I'm going to have to do one at a time because, as I've said, we have a court reporter here, and she needs to be able to document what you say. So please introduce your first and last name and spell it for her.

1 We seem to have enough people here 2 tonight to have everybody make comments, if they would like. And try to direct your comments and 3 questions to the Draft EIS. The things we would be 4 looking there are what needs to be clarified in that 5 document and is there anything that needs to be 6 added or edited so the Final EIS is complete and 7 8 accurate. 9 So I think I had one person sign up. then of course after that person you can kind of 10 just raise your hand. 11 12 So would Craig Edstrom like to make a public comment? 13 Could you come up here, please, just so 14 15 she can hear you. MR. CRAIG EDSTROM: Okay. I'm Craig 16 17 Edstrom, I'm a member of Laborers Local 563. 18 represent like 14,000 members in Minnesota and North Dakota. We do a lot of work for Xcel Energy. 19 20 got roughly 400 members in the workforce at Xcel at 21 any given time. Currently there's 25 on nights down 22 there at Prairie Island, so they're down there and 23 supporting the outage that's going on down there

I just wanted to say that this is a great

24

25

right now.

1	idea. We want to be a part in helping to build the
2	new project and get that moving in right direction.
3	And any support we can provide, we'll be around to
4	provide.
5	COURT REPORTER: Can you please spell
6	your first and last name?
7	MR. CRAIG EDSTROM: Sure. It's Craig
8	Edstrom, C-R-A-I-G, E-D-S-T-R-O-M.
9	MS. JENNA NESS: Is there anyone else who
10	would like to make a public comment or ask a
11	question?
12	All right. Come on up.
13	MR. NATHAN DULL: Hi. My name is Nathan
14	Dull, N-A-T-H-A-N, D-U-L-L.
15	I am the senior field manager with the
16	Minnesota Land and Liberty Coalition, a statewide
17	organization made up of farmers, landowners,
18	taxpayers, ratepayers, business and community
19	leaders and proponents of an all the above energy
20	future.
21	In short, we are supportive of the
22	additional storage of the spent nuclear fuel.
23	As it pertains to the Draft EIS, a couple
24	of things I perhaps maybe missed. Compared to the
25	newer technology, the horizontal storage, perhaps

1 there could be some cost analysis included, whether 2 there's additional safety features that the vertical 3 does not offer. Also, a comment on the EIS. 4 It was noted 5 that 22 percent of Minnesota's energy production in 6 the year of 2022 came exclusively from the Prairie 7 Island Nuclear Generating Plant. And we think that is incredible. And it just demonstrates the value 8 9 that nuclear energy provides to the state of Minnesota and the greater midwest area. 10 Nuclear is safe, especially in the year 11 2024. 12 There is abundant opportunities for a new buildout, new technologies with nuclear fleets, and 13 so we would strongly encourage the PUC, the 14 15 Department of Commerce, the legislature, and the governor to work to lift the nuclear moratorium so 16 17 that we can continue to work on building out the 18 next generation of nuclear energy in the state of 19 Minnesota to keep the lights on. 20 Thank you. 21 MS. JENNA NESS: Thank you. 22 Anybody else who would like to make a 23 comment or ask a question? Now is a good time. 24 We have representatives from the Public Utilities 25

1 Commission, the Department of Commerce, and Xcel 2 here. 3 Well, sure. And then just a reminder to 4 spell your name, please. 5 MR. MICHAEL MURPHY: I'm Michael Murphy, M-I-C-H-A-E-L, M-U-R-P-H-Y, just like the law. 6 7 And I represent the International Brotherhood of Electrical Workers, local union 949. 8 Retiree on the AFL-CIO -- Minnesota AFL-CIO retiree 9 counsel. And while I'm retired, a lot of my former 10 co-workers of the IBEW and other unions like 11 Laborers, et cetera, get their welfare and their pay 12 of course for their families from the continued 13 operation of the Prairie Island Nuclear Generating 14 Plant. And so I would be in favor of this project 15 and so would the members of IBEW in the continued 16 17 operation of the plant. And if that means that they 18 need additional storage, then I would be in favor of that additional storage. 19 20 MS. JENNA NESS: Thank you. 21 I appreciate all the comments that have 22 been made. I'll leave it open for about 20 more 23 seconds or so, if anyone is on the fence about it. Like I said, this is a good time to ask questions 24

about the project. Otherwise, we'll be hanging

25

1	around after for a little bit as well.
2	Okay. Well, if that's all we have for
3	questions and comments, then that is the entire
4	meeting.
5	I really appreciate your time again for
6	coming. And let me know if you need assistance with
7	anything.
8	(Proceeding concluded at 6:15 p.m.)
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

	— build (1)	concrete (1)	discuss (1)	everybody (2)
\mathbf{A}	9:1	4:20	3:10	3:1;8:2
	building (1)	contact (1)	discussions (1)	exclusively (1)
able (1)	10:17	7:15	5:11	10:6
7:23	buildout (1)	contents (1)	docket (1)	extend (1)
above (1)	10:13	5:9	5:17	3:22
9:19	business (1)	context (1)	document (2)	-
abundant (1)	9:18	3:9	7:23;8:6	\mathbf{F}
10:12	busy (1)	continue (1)	documents (1)	
accurate (1)	3:3	10:17	5:22	families (1)
8:8		continued (4)	done (1)	11:13
across-the-board (1)	C	6:5,16;11:13,16	7:11	farmers (1)
6:18		continues (2)	down (3)	9:17
added (1)	called (2)	6:3,12	8:21,22,23	favor (2)
8:7	3:19;4:22	cooling (1)	Draft (8)	11:15,18
additional (5)	came (1)	6:7	3:5,10,12;5:4;6:24;	feasible (1)
	10:6	copy (4)	7:10;8:4;9:23	6:15
3:6;9:22;10:2;	can (19)	4:16;5:14,18,19	DULL (2)	features (1)
11:18,19	3:18;4:15,16;5:5,7,	cost (3)	9:13,14	10:2
adjustments (1)	13,14,16,19;7:7,9,10,	5:22;6:19;10:1	D-U-L-L (1)	February (4)
5:7	12,14;8:10,15;9:3,5;	counsel (1)	9:14	7:2,3,3,6
AFL-CIO (2)	10:17	11:10	7.1 4	federal (1)
11:9,9			\mathbf{E}	3:24
again (1)	canisters (1)	couple (1) 9:23	£	
12:5	4:21		sortion (1)	fence (1)
aid (2)	carbon (1)	course (3)	earliest (1)	11:23
4:4;5:1	6:19	3:10;8:10;11:13	7:6	field (1)
Alternatives (2)	casks (2)	court (2)	early (2)	9:15
6:14,16	4:7,21	7:22;9:5	7:3,7	Final (3)
analysis (1)	certificate (3)	co-workers (1)	edited (1)	5:8;7:2;8:7
10:1	4:1;5:3;7:5	11:11	8:7	find (1)
anticipated (4)	cetera (1)	Craig (5)	Edstrom (5)	5:13
5:25;6:1,6,11	11:12	8:12,16,16;9:7,7	8:12,16,17;9:7,8	first (2)
appreciate (2)	clarified (1)	C-R-A-I-G (1)	E-D-S-T-R-O-M (1)	7:24;9:6
11:21;12:5	8:5	9:8	9:8	fleets (1)
April (2)	Coalition (1)	current (1)	EIS (16)	10:13
5:10;6:22	9:16	4:7	3:12;4:4;5:1,8,9,13,	form (1)
area (1)	coming (2)	currently (4)	24;6:15,23,24;7:2,10;	5:4
10:10	3:2;12:6	3:20;4:24;6:15;	8:4,7;9:23;10:4	former (1)
around (2)	comment (10)	8:21	Electrical (1)	11:10
` ,	5:5;6:24;7:10,11,	0.00	11:8	found (1)
9:3;12:1	12,17;8:13;9:10;10:4,	D	else (2)	6:15
assistance (1)	23		9:9;10:22	front (1)
12:6	commenting (1)	Dakota (1)	emissions (1)	7:13
associated (1)	7:20	8:19	6:20	fuel (5)
6:7	comments (5)	date (1)	encourage (1)	3:7,17,19;6:3;9:22
available (1)	3:14;8:2,3;11:21;	7:4	10:14	future (1)
5:21				
aware (1)	12:3	December (1)	ends (1)	9:20
7:17	Commerce (4)	7:17	7:17	G
	3:5;4:3;10:15;11:1	decision (3)	Energy (6)	G
В	Commission (4)	4:5;5:2;7:5	3:22;8:19;9:19;	G
	3:25;4:3;7:4;11:1	decommissioning (1)	10:5,9,18	Generating (4)
back (2)	Commission's (3)	6:10	enhance (1)	3:8,15;10:7;11:14
5:10;6:22	4:4;5:2,16	demonstrates (1)	5:6	generation (1)
based (1)	community (1)	10:8	enough (1)	10:18
5:10	9:18	Department (5)	8:1	given (1)
begin (1)	company (1)	3:4;4:3;5:20;10:15;	entire (1)	8:21
4:23	4:14	11:1	12:3	good (2)
4.23 bit (1)	compared (2)	direct (1)	Environmental (2)	10:24;11:24
12:1	6:17;9:24	8:3	3:5,11	governor (1)
briefly (1)	complete (2)	direction (1)	especially (1)	10:16
	7:12;8:7	9:2	10:11	grab (2)
3:9	concluded (1)	directly (1)	et (1)	4:16;5:14
Brotherhood (1)	12:8	7:15	11:12	great (1)
11:8	12.0	1.13	11.12	great (1)

Frairie Island Nuclear V	Generating Plant 24-68	DEIS - 24-08 - 11-19-24	-	November 19, 2022
8:25	5:3;6:23;7:2	lot (3)	4:3	7:11
greater (2)	2.0,0.20,7.12	5:22;8:19;11:10		one (8)
6:17;10:10	J	3.22,6.13,11.10	- N	4:10,11,11;6:25;
0.17,10.10	0	M		7:12,14,21;8:9
H	JENNA (5)		name (4)	ones (1)
	3:1,4;9:9;10:21;	maintenance (2)	7:24;9:6,13;11:4	4:11
hand (1)	11:20	6:3,12	NATHAN (2)	online (1)
8:11	11.20	manager (1)	9:13,13	7:14
hanging (1)	K	9:15	N-A-T-H-A-N (1)	open (1)
11:25		may (1)	9:14	11:22
hear (2)	keep (1)	5:6	need (6)	operating (1)
3:11;8:15	10:19	maybe (1)	4:2,15;5:3;7:5;	3:16
helping (1)	kind (3)	9:24	11:18;12:6	operation (6)
9:1	6:18,21;8:10	means (1)	needed (2)	3:21,23;6:5,16;
Here's (1)		11:17	4:5;5:3	11:14,17
6:21	L	meeting (3)	needs (3)	opportunities (1)
Hi (1)		3:3;7:21;12:4	7:23;8:5,6	10:12
9:13	Laborers (2)	meetings (3)	NESS (5)	organization (1)
high (1)	8:17;11:12	5:10;6:22,25	3:1,4;9:9;10:21;	9:17
5:23	land (2)	member (1)	11:20	otherwise (2)
horizontal (2)	6:19;9:16	8:17	new (5)	5:15;11:25
4:17;9:25	landowners (1)	members (3)	4:17,19;9:2;10:12,	out (3)
T	9:17	8:18,20;11:16	13	3:2;5:8;10:17
Ι	large (1)	MICHAEL (2)	newer (1)	outage (1)
IDENT (A)	5:22	11:5,5	9:25	8:23
IBEW (2)	last (2)	M-I-C-H-A-E-L (1)	next (3)	over (2)
11:11,16	7:24;9:6	11:6	3:12;7:3;10:18	3:9;4:24
idea (1)	law (1)	middle (1)	night (1)	P
9:1	11:6	6:24	7:1	r
Impact (2)	leaders (1) 9:19	midwest (1) 10:10	nights (1) 8:21	pads (3)
3:6,11	leave (1)	might (1)	non-radiological (1)	4:9,10,20
impacts (5) 5:24,25;6:5,10,17	11:22	3:11	5:24	4.9,10,20 paper (2)
improve (1)	legislature (1)	minimal (4)	normally (1)	4:15;5:18
5:7	10:15	5:25;6:1,6,11	5:12	part (3)
included (1)	Liberty (1)	Minnesota (6)	North (1)	7:20,20;9:1
10:1	9:16	4:2;8:18;9:16;	8:18	participate (1)
includes (1)	Library (1)	10:10,19;11:9	noted (1)	7:1
3:17	5:19	Minnesota's (1)	10:4	parties (1)
incredible (1)	license (1)	10:5	NRC (3)	5:5
10:8	3:24	missed (2)	3:25;6:1,9	pay (1)
Independent (1)	licensed (1)	5:6;9:24	Nuclear (11)	11:12
3:19	3:20	money (1)	3:7,15,25;9:22;	people (1)
indicating (1)	lift (1)	5:22	10:7,9,11,13,16,18;	8:1
4:12	10:16	monitoring (2)	11:14	percent (1)
information (2)	lights (1)	6:2,12	NUHOMS (1)	10:5
4:15;7:15	10:19	moratorium (1)	4:14	perhaps (2)
Installation (1)	limited (1)	10:16	number (1)	9:24,25
3:20	5:20	more (2)	5:21	period (2)
interested (1)	link (2)	7:7;11:22	numbers (1)	6:24;7:17
5:5	5:15;7:13	mostly (1)	5:17	person (2)
International (1)	little (1)	6:7	_	8:9,10
11:7	12:1	move (1)	0	pertains (1)
into (2)	lives (1)	7:19		9:23
3:13;4:22	3:3	moving (1)	October (1)	picture (4)
introduce (1)	Local (2)	9:2	6:23	3:18;4:6,8,19
7:24	8:17;11:8	MURPHY (2)	off (1)	Plant (11)
ISFSI (2)	long (1)	11:5,5	6:4	3:8,10,16,23;6:7,9,
3:20;6:12	4:11	M-U-R-P-H-Y (1)	offer (1)	10,17;10:7;11:15,17
Island (5)	look (2)	11:6 must (1)	10:3	please (4)
	/1.10.5.71	muct (1)	offsite (1)	7:24;8:14;9:5;11:4
3:7,15;8:22;10:7;	4:18;5:21			
3:7,15;8:22;10:7; 11:14 issued (3)	looking (1) 8:5	4:4 myself (1)	6:13 once (1)	pm (2) 7:18;12:8

	enerating Plant 24-68	DE15 - 24-08 - 11-19-24	·	November 19, 2024
points (1)	recorded (1)	7:9	timeline (1)	work (4)
5:24	7:16	sheets (1)	6:21	3:4;8:19;10:16,17
	Red (2)	7:13	tomorrow (1)	Workers (1)
4:15;5:14	3:17;5:18	short (1)	7:1	11:8
	refer (1)	9:21	tonight (2)	workforce (1)
3:7,15;8:22;10:6;	4:13	shortly (1)	3:2;8:2	8:20
11:14	regulated (1)	7:11	transportation (1)	wrote (1)
prepare (1)	6:8	sign (1)	6:13	3:5
4:4	Regulatory (1)	8:9	transported (2)	
prepared (1)	3:25	site (2)	4:22;6:3	X
				21
	relatively (1)	3:23;6:4	try (1)	
presentation (1)	6:17	smaller (1)	8:3	Xcel (4)
	releases (1)	4:11	two (2)	3:22;8:19,20;11:1
previous (2)	6:8	spell (3)	4:10,11	
4:8,18	reminder (1)	7:25;9:5;11:4	type (2)	\mathbf{Y}
printed (1)	11:3	spent (4)	4:25;5:15	
	renewal (1)	3:7,17,19;9:22	types (1)	year (3)
Proceeding (1)	3:24	standards (2)	5:12	7:3;10:6,11
			3.12	
	reporter (2)	6:2,9	T T	years (1)
production (1)	7:22;9:5	started (1)	U	3:23
	represent (2)	3:16		
project (13)	8:18;11:7	state (2)	union (1)	1
	representatives (1)	10:9,18	11:8	
5:2;6:14,18;9:2;	10:25	Statement (2)	unions (1)	1,200 (1)
	request (2)	3:6,11	11:11	4:24
projects (1)	5:20;7:5	statewide (1)	unlikely (1)	14,000 (1)
	require (1)	9:16	7:7	8:18
proponents (1)	3:24	steps (1)	up (4)	1973 (1)
	requires (1)	3:13	8:9,14;9:12,17	3:16
proposing (1)	4:1	storage (10)	use (1)	
4:9	retired (1)	3:7,17,19;4:18,20,	6:19	2
provide (2)	11:10	24;9:22,25;11:18,19	Utilities (2)	
	Retiree (2)	strongly (1)	4:2;10:25	20 (2)
provided (1)	11:9,9	10:14	1.2,10.23	$\frac{20(2)}{3:23;11:22}$
	right (6)	submit (2)	\mathbf{v}	
			V	2022 (1)
provides (1)	3:16;4:8;7:19;8:24;	7:12,14		10:6
10:9	9:2,12	summary (1)	value (1)	2024 (2)
providing (1)	roughly (1)	5:23	10:8	3:21;10:12
6:11	8:20	support (1)	vaults (2)	2026 (1)
public (10)		9:3	4:20,23	4:23
3:3;4:2;5:4,10,19;	\mathbf{S}	supporting (1)	verbal (1)	2054 (3)
6:25;7:20;8:13;9:10;		8:23	7:10	3:23;6:6,11
	safe (1)	supportive (1)	vertical (2)	
				22 (1)
PUC (1)	10:11	9:21	4:19;10:2	10:5
	safety (1)	Sure (2)	virtually (1)	25 (1)
put (2)	10:2	9:7;11:3	7:1	8:21
4:22;5:8	saw (1)	_		
	4:7	\mathbf{T}	\mathbf{W}	3
Q	scoping (1)			
	6:22	table (2)	water (1)	31st (1)
quite (1)	search (1)	5:9;7:13	6:7	6:23
5:21	5:16			0.23
J. 41		talk (1)	ways (1)	4
	seconds (1)	7:7	7:9	4
n		target (1)	website (2)	
R	11:23		5.12 16	4:30 (1)
R	seeking (1)	7:4	5:13,16	
R		7:4 taxpayers (1)	welfare (1)	7:18
R radiological (2)	seeking (1) 3:22	taxpayers (1)	welfare (1)	7:18
R radiological (2) 5:25;6:8	seeking (1) 3:22 seem (1)	taxpayers (1) 9:18	welfare (1) 11:12	7:18 400 (1)
radiological (2) 5:25;6:8 raise (1)	seeking (1) 3:22 seem (1) 8:1	taxpayers (1) 9:18 technologies (1)	welfare (1) 11:12 wildlife (1)	7:18
R radiological (2) 5:25;6:8 raise (1) 8:11	seeking (1) 3:22 seem (1) 8:1 Send (1)	taxpayers (1) 9:18 technologies (1) 10:13	welfare (1) 11:12 wildlife (1) 6:19	7:18 400 (1) 8:20
radiological (2) 5:25;6:8 raise (1) 8:11 ratepayers (1)	seeking (1) 3:22 seem (1) 8:1 Send (1) 7:15	taxpayers (1) 9:18 technologies (1) 10:13 technology (4)	welfare (1) 11:12 wildlife (1) 6:19 Wing (2)	7:18 400 (1)
R radiological (2) 5:25;6:8 raise (1) 8:11 ratepayers (1) 9:18	seeking (1) 3:22 seem (1) 8:1 Send (1) 7:15 senior (1)	taxpayers (1) 9:18 technologies (1) 10:13 technology (4) 4:13,17,18;9:25	welfare (1) 11:12 wildlife (1) 6:19 Wing (2) 3:17;5:18	7:18 400 (1) 8:20
R radiological (2) 5:25;6:8 raise (1) 8:11 ratepayers (1) 9:18 really (1)	seeking (1) 3:22 seem (1) 8:1 Send (1) 7:15	taxpayers (1) 9:18 technologies (1) 10:13 technology (4)	welfare (1) 11:12 wildlife (1) 6:19 Wing (2)	7:18 400 (1) 8:20

		8	DEIS 2:00 11 1/2:	110101111111111111111111111111111111111
563 (1) 8:17				
0.17	6			
6:15 (1)				
6:15 (1) 12:8 6th (1) 7:17				
7.17	7			
7th (1) 7:3				
7:3	9			
949 (1) 11:8				
11:8				

1	DEIS MEETING - 24-68
2	Webex - November 20, 2024 - 6:00 p.m.
3	BEFORE THE MINNESOTA DEPARTMENT OF COMMERCE
4	
5	In the Matter of the Application of Northern States Power
6	Company d/b/a Xcel Energy Request for a Certificate of
7	Need for Additional Dry Cask Storage at the Prairie
8	Island Nuclear Generating Plant Independent Spent Fuel
9	Storage Installation
10	
11	
12	
13	MPUC DOCKET NO. E-002/CN-24-68
14	
15	
16	Meeting held remotely via:
17	Webex and Telephone
18	
19	
20	November 20, 2024
21	
22	
23	
24	
25	COURT REPORTER: Christine Simons, RMR, RPR

1		INDEX	
2	SPEAKER		PAGE
3	Jenna Ness		3
4	Craig Janezich		9
5	Henry Stelten		10
6	Henry Stelten		12
7	Pam Prochaska		14
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

MS. JENNA NESS: Hi, everybody. Thank you for making it tonight to the virtual public meeting for the Prairie Island nuclear generating plant, and we're going to discuss their spent nuclear fuel storage project.

My name is Jenna Ness, and I work for the Department of Commerce. And I was the environmental review project manager for the project.

Next slide.

So we will go over the context a bit about the plant and the project as well. We'll talk about the draft environmental impact statement. You may hear me say EIS a lot, that's what I'm referring to. That is the main purpose of our meeting tonight. Then we'll go through the next steps, and then we'll turn it back to you for questions and comments.

Next slide.

So the Prairie Island nuclear generating plant started operating in 1973 in Red Wing, and it includes this independent spent fuel storage installation area that you see pictured here. This is what it looks like currently, and you may also see us refer to it as an ISFSI. And right now it's currently licensed for operation through 2034.

Next slide.

So Xcel Energy is seeking to extend that operation to 2054, for another 20 years. That requires a subsequent license renewal from the Nuclear Regulatory Commission as a federal thing, and then through the state, a certificate of need is required, specifically to store the additional spent fuel. And the Department of Commerce has to develop an EIS to help the Public Utilities Commission make that decision on a certificate of need.

Next slide.

So you saw this picture on the previous slide of what it looks like today. The project would be where those two red arrows are pointing. It would be two to three concrete pads. So you see one short one and one long area there, the long area could be bisected into two areas or it could stay as one long area, and that would support the project. What you see sitting there right now are 52 casks. You can see the third just started getting casks stored on it, and the other two are full.

And the project's new technology, we'll refer to as the NUHOMS, and you can find that online, too.

Next page.

So this technology for the project is a horizontal storage technology. On the picture on the left you'll see it is a concrete storage area where the canisters would go, and then on the right you can see the transporting mechanism for those canisters and them getting put into those vaults. So that's kind of how that works. It would be used beginning in 2026, and there's over 1,200 of these in use in the U.S. right now.

Next slide, please.

So the Department -- myself -- prepared this draft EIS to aid the Public Utilities

Commission in their decision on a certificate of need. And that EIS is issued in a draft form so that we can get comments from the public and other interested parties to improve the EIS and to ensure it's complete and accurate. This EIS is based on public input on the table of contents that we were looking for back in April when we did scoping meetings and had a comment period.

Next page, please.

You can find the EIS in a lot of different places. There's links here to the Department's website directly, and the Commission also has it on their website if you know how to

navigate the eDockets system. Otherwise, if you're in Red Wing, there is a paper copy at the public library, and there are a limited number of print copies on request from the Department. It's just a very large document.

Next page, please.

So a high-level summary of the draft EIS:
Non-radiological impacts were anticipated to be
minimal, and so were radiological impacts. Those
are going to be within NRC standards, provided that
monitoring and maintenance of the project canisters
continues until those are transported offsite.

The impacts of continued operation of the plant to 2054 are anticipated to be minimal. The main discussion points there that were in the EIS were around cooling water and other regulated radiological releases that are also within NRC standards.

Next page.

The impacts of using the storage areas to decommission the plant after 2054 would be minimal and -- provided that monitoring and maintenance of the ISFSI also continues. And then alternatives to the project of storing additional fuel here are not currently feasible.

And alternatives to continued operation were found to have relatively greater impacts kind of across the board. So we're looking here at land use, wildlife, cost, carbon emissions, that sort of thing.

Next slide.

Here is a timeline. As I indicated back in April, at number two there, we did our scoping meetings and our comment period. I issued the draft EIS on October 31st. Right now we're at the public comment period and the public meeting for that draft EIS, and that will end December 6th. We will issue a final EIS -- a target date -- February 7th, and then the Commission can make a decision on the certificate of need.

The integrated resource plan is also tied to this a bit, and that is anticipated to be complete around February or March, and there would be a comment period for that as well. So the Commission wouldn't likely make a decision on the certificate of need in February. It might be in April, but it has been known to go later at times. And when the Commission makes their decision on the certificate of need, they would also determine adequacy of the EIS -- the final EIS.

Next slide, please.

So there's lots of ways to comment on the draft EIS. You can, of course, make verbal comments at tonight's meeting. We have a court reporter with us who would record those and get those into eDockets and into the record.

You can complete a -- just a piece of paper in the mail is just fine. You have my mailing information here, and I can send this to the people online that can't necessarily take a snapshot of this at the moment. And then there is also on the Commerce website a direct link to comments online for the project, and just a reminder that the comment period ends December 6th.

Next slide, please.

So moving into commenting for the night. With anyone who has a question or wants to make a public comment so it's part of the record, we're going to have to do one person at a time. Craig is going to help me out with someone who may indicate in the chat or raise their hand to talk, and we're going to try to direct our questions to the draft EIS.

Next slide, Craig.

And those questions that we're mainly

1	looking for are: What needs to be clarified, what
2	can we clarify, or what can be added or edited so
3	the final EIS is complete and accurate?
4	And then just one more slide, Craig.
5	This is just a reminder of where your
6	mute button is and where your chat button is. You
7	can send a message to the host and say that you
8	would like to make a question or a comment, and then
9	we'll you'll be unmuted by the host, and you'll
10	be able to mute and unmute yourself.
11	So anything I missed there, Craig?
12	MR. CRAIG JANEZICH: Yeah. For the users
13	that are calling in, if you would like to speak, I
14	think you need to dial *3, and that will raise your
15	hand and that will indicate to us that you'd like to
16	speak.
17	MS. JENNA NESS: Thank you, I forgot
18	about that one. Is there anyone in the queue?
19	And I see Craig is muted here.
20	MR. CRAIG JANEZICH: Oh, I don't see
21	anybody that has raised their hand or asked to speak
22	via chat
23	MS. JENNA NESS: Okay.
24	MR. CRAIG JANEZICH: at this time.
25	MS. JENNA NESS: We'll keep it open for a

1 I'd just like to encourage people that this is 2 a great time to ask any questions or make a general 3 comment, whatever you're comfortable with. of course, comment online or in the mail if you 4 5 prefer. 6 We have representatives from Xcel Energy here and the Public Utilities Commission and the 7 Department. So we kind of have everyone in one room 8 9 all at once, and then after this, the meeting's 10 going to be done. So I just wanted to give everyone that heads-up. So if you're kind of on the fence, 11 12 feel free to make a comment. MR. CRAIG JANEZICH: Jenna, we do have 13 one individual who would like to speak. 14 15 MS. JENNA NESS: Sounds good. MR. CRAIG JANEZICH: The name is Henry 16 17 Stelten, and I will unmute you right now. Hello. 18 Can you hear us? MR. HENRY STELTEN: 19 Thank you for 20 allowing me time to ask a question here. 21 curious about the -- I, unfortunately, have not had 22 time yet to dig into the EIS in detail, but I'm 23 curious if it accounts for the eventual transport of the spent fuel casings? 24 Go ahead -- oh, 25 MS. JENNA NESS: Yes.

1	okay. I didn't want to cut you off there. Yes,
2	there is a section that talks about the
3	transportation standard by the NRC that would have
4	to be complied with, the integrity of the canisters
5	for transport, as well as the options that are out
6	there currently, which aren't ready yet or certain
7	even. But it does discuss all those options and the
8	safety of transport, if that answers your question.
9	MR. HENRY STELTEN: It does, thank you.
10	MS. JENNA NESS: Good. And do you have
11	any follow-up or
12	MR. HENRY STELTEN: Not at this time,
13	thanks.
14	MS. JENNA NESS: Okay. Thanks, Henry.
15	MR. CRAIG JANEZICH: Okay. There isn't
16	anybody else at the moment that has their hand
17	raised and would like to speak, and I have nobody in
18	the chat as well.
19	MS. JENNA NESS: Okay. Thanks, Craig.
20	MR. CRAIG JANEZICH: Um-hmm.
21	MS. JENNA NESS: We'll sit here for a
22	bit. Maybe people are thinking about that question,
23	thinking about their own. You can always e-mail me
24	as well. Maybe I can throw my e-mail in the chat.
25	So if you need access to a link or a slide and you

1 weren't able to get it tonight, that is my e-mail. 2 Thanks, Craig, for putting that Yeah. 3 up, too. My phone number as well. All right. We'll give it about 15 more 4 seconds here for anyone who is thinking about asking 5 a question or making a comment. 6 7 MR. CRAIG JANEZICH: We have a comment from Henry Stelten. Hold on one second. 8 9 I've unmuted you. You can speak. MR. HENRY STELTEN: 10 Great. Thank you. I do apologize because, regrettably, I have not had 11 12 time to look through the EIS. But I am curious, you know, in light of climate change, we're experiencing 13 larger, more frequent and intense rain events, and, 14 15 of course, it impacts water levels of the Mississippi and, of course, the plant. And the pads 16 17 for these that are going to be stored are in I'm curious if the EIS accounts for 18 floodplain. climate change impacts of this proposal. 19 20 And, also, I'm curious if you're aware of 21 any of the work coming out of the St. Anthony Falls 22 Lab that suggests that the floodplains -- excuse me, 23 the floodplain boundaries will be changing as a result of sedimentation in Lake Pepin, affecting the 24 25 upstream portion of the river pool 3.

MS. JENNA NESS: Thanks, Henry. To answer your second part, no, I was not aware of that. But the court reporter will have what you said documented for me. So that is something I can look into before we publish the final EIS, and make sure that if there's any changes there and they're creditable and relevant that we can get them incorporated.

As far as climate change, yes, there is a section on that in the EIS, and we discuss all those extremes that come with climate change, such as temperature and flooding. Like you were saying, the ISFSI is in a floodplain. Xcel Energy has done a report to the NRC, I believe -- correct me if I'm wrong, Xcel, to the NRC for the maximum probable flood that would occur in the ISFSI, and the results is that -- let me see if I can find this exact language here.

And also the NRC, that's the Nuclear Regulatory Commission, if I wasn't clear about that, they approve these technologies. Xcel is only allowed to choose a technology approved by the NRC, and they evaluate each design for all sorts of accident conditions: Tornados, flooding, and that's -- that includes all sorts of equations, and

it actually gets pretty complex.

And let's see what the result of that study -- it says here: The ISFSI has been sited and designed so that the lowest point of potential water entry into the dry fuel storage is above the level of the probable maximum flood.

So if you had more questions about climate change or I didn't quite hit what you were asking, I think you said something about the Mississippi River. And there is a lock and dam upstream from Prairie Island nuclear generating plant, and that -- you can look at historical data for that, and it has done a good job of managing floodwaters as well.

Xcel, is there anything you wanted to add on that? I know I talk about your studies and reports a lot, so I just wanted to make sure I wasn't off on anything.

MS. PAM PROCHASKA: No, Jenna. I think you covered it, and it is -- can be found in both the application and then the plant has safety analysis reports that covers that as well. And, again, happy to get back specific answers if that would be helpful, but I think you got it.

MS. JENNA NESS: Okay. Thank you.

1 Was there a call-in user, Craig? 2 someone pop up, and I'm not sure if that means they raised their hand. 3 MR. CRAIG JANEZICH: I think that might 4 have been an accident by me. I was trying to click 5 on Henry Stelten's name, and I inadvertently clicked 6 on somebody else's name. 7 But, again, if you are a call-in user and 8 9 you would like to ask a question, just hit *3 on 10 your phone, please, and we can unmute you and you can proceed to ask your question. 11 MS. JENNA NESS: Now, we'll give people a 12 little bit to, maybe, figure that out and think of 13 any follow up. 14 What you suggested, Henry, for additional 15 studies that I may have missed or if they're really 16 17 recent, that's super helpful. So I appreciate those 18 sort of comments as well. I'll give it just a bit longer here. 19 Oh, 20 okay. Craig, if you don't mind, I'll -- oh, go 21 ahead. 22 MR. CRAIG JANEZICH: Yeah. Sure. Ιt 23 looks like we have a comment, and I'll repeat it for the stenographer so they can record it. 24 25 Stelten said: I have a two-year-old in the

1 background, so I'll ask here. Who conducted the 2 study that produced the maximum probable flood Is that available to the public? 3 MS. JENNA NESS: I will ask Xcel for a 4 little backup on this. I think it is public. And I 5 believe Xcel did it and submitted it to the NRC, and 6 7 they kind of evaluate it to make sure it is 8 adequate. 9 MS. PAM PROCHASKA: Yeah. Jenna, thank 10 Yes, that's correct. It's through the NRC, you. and I believe it's something that we can provide if 11 12 there's additional information that's wanted beyond what is in the application. 13 MS. JENNA NESS: Yeah. 14 Henry, so if you 15 want to e-mail me directly and have something specific -- well, it sounds like you want access to 16 17 the study. I can get that for you, or get you an 18 answer at the very least and work with you on that. Yeah, Henry, if you want to 19 Great. continue to ask in the chat, that's fine. 20 Same with 21 anyone else who may have some disturbances in the 22 background. We do prefer unmuting you for our court 23 reporter, but we'll sit on this a bit. All right. I'll throw out a last call. 24 25 *3 for anyone who is on the phone. Oh, there we go.

1 MR. CRAIG JANEZICH: I've got a question 2 in the chat from Janice Erickson. They're asking: 3 What are the potential risks? MS. JENNA NESS: Of the project, I guess, 4 potential risks -- I wonder just specifically what 5 6 you're thinking about as a risk. The way we look at 7 it in the EIS is we look at potential human health and environmental impacts, and we look at that 8 across the board. So we look at the risk of a 9 flood, like we were talking about, getting into the 10 storage area. And although that may be considered a 11 12 risk, most of these things are determined to have a minimal potential for impact. 13 Yes, I'm trying to recall. 14 I think 15 almost everything in the EIS was determined minimal, and now I'm going to pull it up to see if anything 16 17 was determined more than minimal and so I can answer 18 your question. And if that doesn't answer your 19 question, please feel free to elaborate. 20 Yeah, I didn't find any impacts in here 21 other than minimal. There was no moderate or major. 22 Those are how we rate our impacts when we write 23 these documents. And I suppose if you want to look at all 24 25 the potential risks that we went over in the EIS,

you could look at the table of contents and find a section that might interest you. Maybe you're most interested in radiological impacts or, you know, how it could impact the nearest neighbor. Or what's something we haven't talked about? Wildlife, that sort of thing, yeah.

MR. CRAIG JANEZICH: Janice Erickson asked another question: Also, does your plan include any traditional ecological knowledge?

MS. JENNA NESS: Thanks for the question,
Janice. So we did work with the Prairie Island
Indian community on the environmental justice
section of this EIS. They do not discuss
traditional ecological knowledge.

I do know with any groundbreaking activity or -- and yes, Xcel, again, please correct me if wrong, they have been and will be invited and made aware of those activities. And Xcel has been doing various collaborations with the Prairie Island Indian community as well.

And if you have a specific plan, maybe you're just talking about the project in general, but if there's a plan you were talking about that I didn't hit, please let me know. If there is any specific traditional ecological knowledge I could

take into account, maybe there's something with the Mississippi River I didn't research and include, you know, that sort of pointing in the right direction for me could be really helpful, and I might be able to add that to the final EIS.

MR. CRAIG JANEZICH: Hey, Jenna. An additional question was asked by Janice Erickson, they are wondering: Is there an emergency plan in the process?

MS. JENNA NESS: So I know with the certificate of need, an emergency plan, I don't know if it was an addendum or an appendix, but that was submitted into the record and it is publicly available. If you want to see the emergency plan, just e-mail me, like I told Henry, and I'll just get you a copy so you don't have to dig through the record.

Thank you for all the questions. They're good questions, good comments. Kind of give it half a minute here. People can keep -- keep coming, if you would like. If your typing's taking a little bit, maybe give us -- oh, okay.

MR. CRAIG JANEZICH: I'll just say it for the record, Janice Erickson submitted a comment that they do not have any more questions -- or they do

1	have more questions and comments but will reach out
2	to us via e-mail. Thank you.
3	MS. JENNA NESS: That works great. Yeah.
4	And if anybody is typing something out
5	and it's taking a while, maybe just give us some
6	sort of indication, a quick message and then paste
7	the whole thing that you're working on, so we don't
8	accidently end the meeting early here on you.
9	I put my e-mail in the chat, so I think
10	everyone has that. My information is up on the
11	slide right now, and just for good measure, I will
12	put my phone number in the chat as well.
13	Well, thank you, Janice and Henry, for
14	your good questions and comments. I appreciate it,
15	and I appreciate everyone's time tonight, too.
16	Everybody has busy lives, so this is an important
17	part of the process and
18	Oh, Craig, would you like to maybe say
19	that last one for the record?
20	MR. CRAIG JANEZICH: Sure.
21	Janice Erickson submitted a comment that says: I
22	was not aware of the public comments starting in
23	February.
24	MS. JENNA NESS: Yeah. So there's some
25	different processes going along at the same time

here. The draft EIS is connected to the certificate of need, as in, they're the same project. The EIS will inform the certificate of need. So that comment period is open now until December 6th.

So what happens in February -- and,

Craig, maybe -- I want to make sure I don't get my
wires crossed, but in February is when the
integrated resource plan for Xcel Energy's entire
plan may be completed, and then the certificate of
need can be decided on. So those are three
different things with three different comment
periods, unless I'm wrong about the IRP, Craig.

MR. CRAIG JANEZICH: No. Yeah, that's accurate. The Commission won't decide the CN for the project until the IRP is processed, but record development may continue. We don't have an exact date or schedule for the -- there will be public hearings. We don't have an exact date or schedule for those, but relative to the certificate of need and the adequacy of the EIS.

And that will occur in March 2025. We don't have an exact date for that, but it will be -- there will be an ALJ convening the public meeting, and they will write a report and conclusion. That is due to the Commission on July 1st, I believe, the

report and conclusion.

After that period, it will be -- is when, at some point, the Commission will make a final decision on the certificate of need and the adequacy of the DEIS -- of the final environmental impact statement. So there will be another opportunity to comment on the overall docket with an Administrative Law Judge in March.

MS. JENNA NESS: Thank you, Craig.

And, Janice, we can get you signed up on the mailing list, if you would like, for that certificate of need as well. So you're going to, kind of, get everything that's submitted into the record, but at least you could see then when there's a notice for a comment period or the meeting at the Public Utilities Commission. And like I said, you can do that through me, if that's easiest.

Okay. Everybody, I am going to make a last call here. Again, I think this was a good meeting, and I'm glad you all came. Reach out to myself if you need anything else, and I guess I'll conclude the meeting with that. Everybody have a great night, and thanks, again.

(Public comment concluded.)

11:22;15:13,19;	13:20	3:10
16:23;19:22	click (1)	continue (2)
board (2)	15:5	16:20;21:16
7:3;17:9	clicked (1)	continued (2)
both (1)	15:6	6:13;7:1
14:20	climate (5)	continues (2)
boundaries (1)	12:13,19;13:9,11;	6:12,23
12:23	14:8	convening (1)
busy (1)	CN (1)	21:23
20:16	21:14	cooling (1)
button (2)	collaborations (1)	6:16
9:6,6	18:19	copies (1)
7.0,0	comfortable (1)	6:4
C		
C	10:3	copy (2)
(2)	coming (2)	6:2;19:16
call (2)	12:21;19:20	cost (1)
16:24;22:19	comment (21)	7:4
call-in (2)	5:20;7:9,11,19;8:2,	course (4)
15:1,8	14,18;9:8;10:3,4,12;	8:3;10:4;12:15,16
calling (1)	12:6,7;15:23;19:24;	court (3)
9:13	20:21;21:4,11;22:7,	8:4;13:3;16:22
came (1)	15,24	covered (1)
22:20	commenting (1)	14:20
can (32)	8:16	covers (1)
4:20,23;5:5,15,22;	comments (9)	14:22
7:14;8:3,7,9;9:2,2,7;	3:17;5:15;8:3,12;	Craig (29)
10:3,18;11:23,24;	15:18;19:19;20:1,14,	8:19,24;9:4,11,12,
12:9;13:4,7,17;14:12,	22	19,20,24;10:13,16;
20;15:10,11,24;16:11,	Commerce (3)	11:15,19,20;12:2,7;
17;17:17;19:20;	3:7;4:8;8:12	15:1,4,20,22;17:1;
3; 21:10;22:10,17	Commission (13)	18:7;19:6,23;20:18,
	4:5,9;5:13,24;7:14,	20;21:6,12,13;22:9
canisters (4)		
5:4,6;6:11;11:4	20,23;10:7;13:20;	creditable (1)
carbon (1)	21:14,25;22:3,16	13:7
7:4	community (2)	crossed (1)
casings (1)	18:12,20	21:7
10:24	complete (4)	curious (5)
casks (2)	5:17;7:18;8:7;9:3	10:21,23;12:12,18,
4:19,20	completed (1)	20
certain (1)	21:9	currently (4)
	complex (1)	3:23,25;6:25;11:6
11:6		
18; certificate (13)	14:1	cut (1)
4:6,10;5:13;7:15,	complied (1)	11:1
21,24;19:11;21:1,3,9,	11:4	_
19;22:4,12	conclude (1)	D
change (5)	22:22	
12:13,19;13:9,11;	concluded (1)	dam (1)
14:8	22:24	14:10
changes (1)	conclusion (2)	data (1)
13:6	21:24;22:1	14:12
changing (1)	concrete (2)	
0 0 . /	` /	date (4)
12:23	4:15;5:3	7:13;21:17,18,22
chat (9)	conditions (1)	December (3)
8:21;9:6,22;11:18,	13:24	7:12;8:14;21:4
24;16:20;17:2;20:9,	conducted (1)	decide (1)
12	16:1	21:14
choose (1)	connected (1)	decided (1)
13:22	21:1	21:10
clarified (1)	considered (1)	decision (6)
9:1	, ,	
	17:11	4:10;5:13;7:14,20,
		23;22:4
		decommission (1)
clear (1)	context (1)	6:21
1;	1; clarify (1) 9:2 clear (1)	clarify (1) contents (2) 5:18;18:1

DEIS (1) 22:15 22:17 2	5.14 10.
Department (S) 3.7;48;85:11;64; 18:9,14,25 eclogical (3) 18:9,14,25 eclogical (4) 18:14	
Department (5) 3:74:48:5:11:64; 18:9.14.25 edited (1) 20:15 frequent (1) 19:6 Hi (1) Hi (,,,,,
3.73,48.85,11;6.4s 10.8	
Department's (1)	
Department's (1)	
Si:24 Casing (1) Si:18:50 Si:18:60 Si:18:40 Si:18:48:60:24; Initial (1) Si:18:18:18:18:18:18:18:18:18:18:18:18:18:	
design (1) 13:23 EIS (30) 13:24:45; 13:23 13:49:51:12,14 14:14 16.17,22:67,15;7:10, 12:13 12:13 12:13 12:13 12:13 12:13 12:13 12:13 12:13 12:13 14:14 16.17,22:67,15;7:10, 12:13 12:13 12:13 12:13 14:13 14:12	
13:23 Comment (1) 3:13:4*9;5:12,14, 16:17,22:67,15;7:10, 12:13 Comment (1) 13:13 Comment (1) 19:3 Comment (1) 19:4 Comment (1) 19:4 Comment (1) 19:5	
designed (1) 14:4 16,17,22;6:7,15,7:10, detail (1) 12;13;25;8:3,23; 10:22 9:3;10:22;12:12,18; 4:2 4:2 4:8 4:9	
14-4 detail (1)	
detail (1) 10:22 9:3;10:22;12:12,18; 4:2	
detail (1) 12;13,25,25;83,23; extend (1) 4:8;15:9;18 Hold (1) 12:8 Hol	
10:22 determine (1)	:24
determine (1)	
T:24 determined (3) 17:12,15,17 develop (1) 4:8 16:3 16:3 17:19 elevations (1) 16:3 17:7 17:7 17:7 17:9 16:15; 19:15; 20:2.9 16:2; 19:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.9 16:15; 19:15; 20:2.3 16:2 16:15 16:15; 19:15; 20:3 16:2 16:15 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:2 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15; 20:3 16:15; 19:15	
determined (3) 17:12,15,17 develop (1) 4:8 16:3 16:3 else (3) 12:116 dial (1) else's (1) 15:7 far (1) 22:20 good (8) 15:7 feasible (1) 17:7 17:7 17:7 17:13:10; 10:14:15; 20:24; 20:16 dial (2) 10:12,17:19 else's (2) 10:12,17:19 federal (1) 10:1 fence (1) 10:11 fence (1) 10:11 fence (1) 16:13 final (7) 16:14 final (7) 16:15 final (8) 15:16 fine (2) 13:4 final (7) 13:4 final (7) 13:4 final (7) 13:4 final (8) 13:4 final (9) 13:4 final (1) 13:13 final (1) 13:13 13:25 floodplains (1) fincet (2) 13:13;13:13 floodplains (1) final (1) findication (1) findicatio	
17:12,15,17 develop (1)	
develop (1) 4:8 6:3 16:3 Falls (1) 12:21 glad (1) 17:7	
4:8 development (1) 21:16 dial (1) 21:16 dial (1) 9:14 different (4) 15:7 feasible (1) 13:9 good (8) I 17:7 I 11:23;24;12:1; 16:15:19:15:20:2,9 emergency (3) 10:22;19:16 direct (2) 8:12,22 7:4 feel (2) 10:12;17:19 directly (2) end (2) 10:1 final (7) final (8) fina	
development (1) 21:16 11:16;16:21;22:21 far (1) 22:20 good (8) I 13:9 feasible (1) 10:15;11:10;14:13; 10:15;19:15;20:2,9 7:13,18,21;20:23; 22:19 3:12:17:13;1 11 16:15;19:15;20:2,9 7:13,18,21;20:23; 22:19 3:12:17:13;1 10:22;19:16 direct (2) emissions (1) 4:5 greater (1) 10:1 fence (1) 10:1 fence (1) 10:1 fence (1) 13:4 final (7) 13:4;11:7;13:10; 8:14 final (7) 15:6 find (5) 15:3 final (7) 16:15 docket (1) 22:7 document (1) 22:8 final (7) 13:16;14:6;16:2; docket (1) 22:7 document (1) 22:8 final (2) 13:16;14:6;16:2; docwents (1) 13:4 documents (1) 13:4 done (3) 10:10;13:13;14:13 13:25 done (3) 10:10;13:13;14:13 13:25 floodplains (1) fear (2) indicated (1) 10:11 final (2) floodplains (1) final (7) 17:7 7:	
21:16 dial (1)	
dia (1) 9:14 15:7 feasible (1) 10:15;11:10;14:13; email (7) 11:23;24;12:1; february (6) 7:13;18,21;20:23; great (5) 22:5 impact (1) 3:12;17:13;10 10:22;19:16 direct (2) emissions (1) 4:5 feel (2) 7:4 feel (2) 7:2 feel (2) final (7) feere (1) 10:1 fence (1) final (7) final (5) final (5) final (7) final (5) final (7) final (6) final (7) final (6) final (7) final (7) final (6) final (7) final (7) final (6) final (7) final (6) final (7) final (7) final (6) final (7) final (
15:7	
15:7	
different (4) 5:23;20:25;21:11, 11:23,24;12:1; 16:15;19:15;20:29 remergency (3) 10:22;19:16 19:8,11,14 rederal (1) 20:3;22:23 6:8,9,13,20; 7:8 12:12,22 direction (1) 19:3 10:1 rencourage (1) r	
5:23;20:25;21:11, 11:23,24;12:1; 16:15;19:15;20:2,9 7:13,18,21;20:23; great (5) 10:22;19:16 19:8,11,14 federal (1) 20:3;22:23 6:8,9,13,20; 2:15,7 federal (1) 20:3;22:23 6:8,9,13,20; 3:12;17:13;1 2:15,19;17: 3:16 10:12 10:12 10:12 10:12 10:11 10:12 10:11 10:11 10:12 10:11 10:11 10:11 10:12 10:11 10:11 10:12 10:11 10:11 10:12 10:12 10:11 10:11 10:12 10:12 10:11 10:11 10:12 10:12 10:11 10:12 10:12 10:11 10:12	
11	8:4:
dig (2) emergency (3) 21:5,7 federal (1) 10:2;12:10;16:19; impacts (11) 68.9,13,20; 68.9,13,20; 12:15,19;17: 68.9,13,20; 12:15,19;17: 68.9,13,20; 12:15,19;17: 13:16 13:16 13:16 13:16 13:16 13:16 13:16 13:16 13:16 13:18 13:18 13:18 13:18 13:18 13:18 13:18 <td>J. 1,</td>	J. 1,
10:22;19:16 19:8,11,14 emissions (1) 4:5 greater (1) 12:15,19;17: 18:3 groundbreaking (1) 18:15 20:16 important (1) 20:3;22:23 6:8,9,13,20;7 18:3 greater (1) 7:2 18:3 groundbreaking (1) 18:15 20:16 important (1) 20:16;19:11 guess (2) important (1) 20:16 important (1) 18:15 guess (2) improve (1) 18:13 guess (4) 8:14 final (7) 18:13 final (7) 18:13 final (7) 18:13 final (7) 18:13 final (7) 18:15 include (2) 18:9;19:2 include (3) 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 18:9;19:2 1	
direct (2) emissions (1) 4:5 feel (2) greater (1) 12:15,19:17: 18:3 direction (1) encourage (1) 10:12;17:19 groundbreaking (1) 18:13 important (1) 20:16 directly (2) end (2) 10:11 groundbreaking (1) improve (1) 20:16 5:24;16:15 7:12;20:8 figure (1) 17:4;22:21 improve (1) 5:16 discuss (4) 8:14 final (7) H 15:6 include (2) 3:4;11:7;13:10; 8:14 final (7) H 15:6 include (2) discussion (1) 4:2;10:6;13:13 19:5;22:3,5 half (1) 18:9;19:2 include (2) disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 3:21;13:25 docket (1) 5:16 fine (2) 15:3 13:8 13:8 22:7 entire (1) 8:8;16:20 happens (1) independent (1 3:21 6:5 entry (1) 13:16;14:6;16:2; happy (1) Indian (2) documents (1)	
R:12,22	
direction (1) encourage (1) 10:12;17:19 fence (1) groundbreaking (1) important (1) 19:3 10:1 10:1 10:1 10:1 18:15 20:16 20:16 20:16 improve (1) 5:24;16:15 20:16 improve (1) 5:16 include (2) 15:3 include (2) 18:9;19:2 include (2) 3:21;13:25 3:21;13:25 3:21;13:25 15:3 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:8 13:21 14:23 18:12,20 18:12,20	5,20,22;
19:3	
directly (2) end (2) 10:11 guess (2) improve (1) 5:24;16:15 7:12;20:8 figure (1) 5:16 inadvertently (1) 3:4;11:7;13:10; 8:14 final (7) H 15:6 18:13 Energy (3) 4:2;10:6;13:13 19:5;22:3,5 half (1) 18:9;19:2 6:15 Energy's (1) 19:19 include (2) 18:9;19:2 disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 17:20;18:1 8:21;9:15,21;11:16; incorporated (1) 22:7 entire (1) 8:8;16:20 happens (1) 13:8 document (1) 21:8 flood (4) 21:5 3:21 documented (1) 14:5 17:10 14:23 18:12,20 documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 heads-up (1) indicate (2) 17:23 22:5 floodplain (3) health (1) indicated (1) 10:10;13:13:13;14:13 13:25 floodplains (1) 17:7 hea	
5:24;16:15 7:12;20:8 figure (1) 17:4;22:21 5:16 discuss (4) 3:4;11:7;13:10; 8:14 final (7) H 15:6 18:13 Energy (3) 7:13,25;9:3;13:5; half (1) 15:6 include (2) discussion (1) 4:2;10:6;13:13 19:5;22:3,5 half (1) 18:9;19:2 includes (2) disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 17:20;18:1 8:21;9:15,21;11:16; incorporated (1) 22:7 entire (1) 8:8;16:20 happens (1) independent (1) 6:5 entry (1) 13:16;14:6;16:2; happens (1) 18:12,20 documented (1) 14:5 17:10 14:23 18:12,20 13:4 environmental (5) 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) 10:10;13:13;14:13 13:25 floodplains (1) 17:7 7:7	
discuss (4) ends (1) 15:13 H inadvertently (1) 18:13 Energy (3) 7:13,25;9:3;13:5; H 15:6 discussion (1) 4:2;10:6;13:13 19:5;22:3,5 half (1) 18:9;19:2 6:15 Energy's (1) find (5) 19:19 includes (2) disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 17:20;18:1 8:21;9:15,21;11:16; incorporated (1) docket (1) 5:16 fine (2) 15:3 13:8 22:7 entire (1) 8:8;16:20 happens (1) independent (1) document (1) 21:8 flood (4) 21:5 3:21 documented (1) 14:5 17:10 14:23 18:12,20 documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	
3:4;11:7;13:10; 8:14 final (7) H 15:6 18:13 4:2;10:6;13:13 19:5;22:3,5 half (1) 18:9;19:2 6:15 Energy's (1) find (5) 19:19 include (2) disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 17:20;18:1 8:21;9:15,21;11:16; incorporated (1) docket (1) 5:16 fine (2) 15:3 13:8 22:7 entire (1) 8:8;16:20 happens (1) independent (1) document (1) 21:8 flood (4) 21:5 3:21 6:5 entry (1) 13:16;14:6;16:2; happens (1) Indian (2) documents (1) 14:5 17:10 14:23 18:12,20 13:4 environmental (5) flooding (2) heads-up (1) indicate (2) documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) </td <td></td>	
3:4;11:7;13:10; 8:14 final (7) H 15:6 18:13 4:2;10:6;13:13 19:5;22:3,5 half (1) 18:9;19:2 6:15 Energy's (1) find (5) 19:19 include (2) disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 17:20;18:1 8:21;9:15,21;11:16; incorporated (1) docket (1) 5:16 fine (2) 15:3 13:8 22:7 entire (1) 8:8;16:20 happens (1) independent (1) document (1) 21:8 flood (4) 21:5 3:21 6:5 entry (1) 13:16;14:6;16:2; happens (1) Indian (2) documents (1) 14:5 17:10 14:23 18:12,20 documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	1)
18:13	
discussion (1) 4:2;10:6;13:13 19:5;22:3,5 half (1) 18:9;19:2 6:15 Energy's (1) find (5) 19:19 includes (2) disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 5:16 fine (2) 15:3 happens (1) incorporated (1) docket (1) 21:8 flood (4) 21:5 3:21 document (1) 21:8 flood (4) 21:5 happens (1) Indian (2) documented (1) 14:5 13:16;14:6;16:2; happy (1) Indicate (2) documents (1) 3:7,12;17:8;18:12; 13:12,24 heads-up (1) indicate (2) done (3) 10:10;13:13;14:13 13:25 floodplain (3) health (1) 7:7 10:0deation (1) 13:25 floodplains (1) hear (2) indication (1)	
6:15 Energy's (1) find (5) 19:19 includes (2) disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 17:20;18:1 8:21;9:15,21;11:16; incorporated (1) docket (1) 5:16 8:8;16:20 happens (1) independent (1) document (1) 21:8 flood (4) 21:5 3:21 6:5 entry (1) 13:16;14:6;16:2; happens (1) Indian (2) documented (1) 14:5 17:10 14:23 18:12,20 documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	
disturbances (1) 21:8 4:23;5:22;13:17; hand (5) 3:21;13:25 16:21 ensure (1) 17:20;18:1 8:21;9:15,21;11:16; incorporated (1) 22:7 entire (1) 8:8;16:20 happens (1) independent (1) 6:5 entry (1) 13:16;14:6;16:2; happy (1) Indian (2) documented (1) 14:5 17:10 14:23 18:12,20 13:4 environmental (5) flooding (2) heads-up (1) indicate (2) documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	
16:21	
docket (1) 5:16 fine (2) 15:3 13:8 22:7 entire (1) 8:8;16:20 happens (1) independent (1 6:5 entry (1) 13:16;14:6;16:2; happy (1) Indian (2) documented (1) 14:5 17:10 14:23 18:12,20 13:4 environmental (5) flooding (2) heads-up (1) indicate (2) documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	1)
22:7 entire (1) 8:8;16:20 happens (1) independent (1) 6:5 entry (1) 13:16;14:6;16:2; happy (1) Indian (2) documented (1) 14:5 17:10 14:23 18:12,20 13:4 environmental (5) flooding (2) heads-up (1) indicate (2) documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	1)
document (1) 21:8 flood (4) 21:5 3:21 6:5 entry (1) 13:16;14:6;16:2; happy (1) Indian (2) 13:4 13:4 environmental (5) flooding (2) heads-up (1) indicate (2) documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	15
6:5 documented (1) 13:4 documents (1) 17:23 done (3) 10:10;13:13;14:13 entry (1) 13:16;14:6;16:2; 17:10 13:16;14:6;16:2; 17:10 13:10;10;14:23 14:23 18:12,20 18:12,20 18:12,20 18:12,20 19:10:11 19:1	.)
documented (1) 14:5 17:10 14:23 18:12,20 13:4 environmental (5) flooding (2) heads-up (1) indicate (2) documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	
13:4 environmental (5) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicate (2) 8:20;9:15 floodplain (3) health (1) indicated (1) 7:7 7:7 13:10;10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	
documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) 17:7 7:7 floodplains (1) hear (2) indication (1)	
documents (1) 3:7,12;17:8;18:12; 13:12,24 10:11 8:20;9:15 17:23 22:5 floodplain (3) health (1) indicated (1) done (3) 10:10;13:13;14:13 13:25 floodplains (1) 17:7 7:7 floodplains (1) hear (2) indication (1)	
17:23 22:5 floodplain (3) health (1) indicated (1)	
done (3) equations (1) 12:18,23;13:13 17:7 7:7 10:10;13:13;14:13 13:25 floodplains (1) hear (2) indication (1)	
10:10;13:13;14:13	
urur (2)	
3:12;5:12,14;6:7; 17:2;18:7;19:7,24; floodwaters (1) hearings (1) individual (1)	
dry (1)	
14:5 13:23;16:7 15:14 10:17 21:3	`
due (1) even (1) follow-up (1) help (2) information (3	
21:25 11:7 11:11 4:9;8:20 8:9;16:12;20	:10
events (1) forgot (1) helpful (3) input (1)	
E 12:14 9:17 14:24;15:17;19:4 5:18	
eventual (1) form (1) Henry (16) installation (1)	
early (1) 10:23 5:14 10:16,19;11:9,12, 3:22	
20:8 everybody (4) found (2) 14;12:8,8,10;13:1; integrated (2)	
25.5 27.27.2003 (1) 100100 (2) 17.12.0,0,10,13.1, 110grateu (2)	

at Frairie Island Nuclear	r Generating Plant - 24	-6 b /E15 - 24-66 - 11-20-24		November 20, 2024
7:16;21:8	known (1)	5:19;7:3;9:1	15:20	nobody (1)
integrity (1)	7:22	looks (3)	minimal (7)	11:17
	1.22			
11:4	${f L}$	3:23;4:13;15:23	6:9,14,21;17:13,15,	Non-radiological (1)
intense (1)	L	lot (3)	17,21	6:8
12:14	/1	3:13;5:22;14:17	minute (1)	notice (1)
interest (1)	Lab (1)	lots (1)	19:20	22:15
18:2	12:22	8:2	missed (2)	NRC (9)
interested (2)	Lake (1)	lowest (1)	9:11;15:16	6:10,17;11:3;13:14,
5:16;18:3	12:24	14:4	Mississippi (3)	15,19,22;16:6,10
into (12)	land (1)		12:16;14:10;19:2	nuclear (6)
4:17;5:6;8:5,6,16;	7:3	\mathbf{M}	moderate (1)	3:3,5,19;4:5;13:19;
10:22;13:5;14:5;	language (1)		17:21	14:11
17:10;19:1,13;22:13	13:18	mail (2)	moment (2)	NUHOMS (1)
invited (1)	large (1)	8:8;10:4	8:11;11:16	4:23
18:17	6:5	mailing (2)	monitoring (2)	number (4)
IRP (2)				6:3;7:8;12:3;20:12
	larger (1)	8:8;22:11	6:11,22	0:3;7:8;12:3;20:12
21:12,15	12:14	main (2)	more (7)	
ISFSI (5)	last (3)	3:14;6:15	9:4;12:4,14;14:7;	О
3:24;6:23;13:13,16;	16:24;20:19;22:19	mainly (1)	17:17;19:25;20:1	
14:3	later (1)	8:25	most (2)	occur (2)
Island (5)	7:22	maintenance (2)	17:12;18:2	13:16;21:21
3:3,19;14:11;18:11,	Law (1)	6:11,22	moving (1)	October (1)
19	22:8	major (1)	8:16	7:10
issue (1)	least (2)	17:21	mute (2)	off (2)
7:12	16:18;22:14	makes (1)	9:6,10	11:1;14:18
issued (2)	left (1)	7:23	muted (1)	offsite (1)
5:14;7:9	5:3	making (2)	9:19	6:12
3.14,7.9	level (1)	3:2;12:6	myself (2)	
${f J}$				once (1)
J	14:5	manager (1)	5:11;22:21	10:9
113 TO 11 (10)	levels (1)	3:8	N.T.	one (11)
JANEZICH (16)	12:15	managing (1)	N	4:16,16,16,18;8:19;
9:12,20,24;10:13,	library (1)	14:13		9:4,18;10:8,14;12:8;
16;11:15,20;12:7;	6:3	March (3)	name (4)	20:19
15:4,22;17:1;18:7;	license (1)	7:18;21:21;22:8	3:6;10:16;15:6,7	online (4)
19:6,23;20:20;21:13	4:4	maximum (3)	navigate (1)	4:24;8:10,12;10:4
Janice (8)	licensed (1)	13:15;14:6;16:2	6:1	only (1)
17:2;18:7,11;19:7,	3:25	may (8)	nearest (1)	13:21
24;20:13,21;22:10	light (1)	3:13,23;8:20;15:16;	18:4	open (2)
JENNA (26)	12:13	16:21;17:11;21:9,16	necessarily (1)	9:25;21:4
3:1,6;9:17,23,25;	likely (1)	Maybe (10)	8:10	operating (1)
10:13,15,25;11:10,14,	7:20	11:22,24;15:13;	need (16)	3:20
	limited (1)		4:6,10;5:14;7:15,	operation (4)
19,21;13:1;14:19,25;	` /	18:2,21;19:1,22;20:5,		
15:12;16:4,9,14;17:4;	6:3	18;21:6	21,24;9:14;11:25;	3:25;4:3;6:13;7:1
18:10;19:6,10;20:3,	link (2)	means (1)	19:11;21:2,3,10,19;	opportunity (1)
24;22:9	8:12;11:25	15:2	22:4,12,21	22:6
job (1)	links (1)	measure (1)	needs (1)	options (2)
14:13	5:23	20:11	9:1	11:5,7
Judge (1)	list (1)	mechanism (1)	neighbor (1)	Otherwise (1)
22:8	22:11	5:5	18:4	6:1
July (1)	little (3)	meeting (9)	NESS (22)	out (8)
21:25	15:13;16:5;19:21	3:3,14;7:11;8:4;	3:1,6;9:17,23,25;	8:20;11:5;12:21;
justice (1)	lives (1)	20:8;21:23;22:15,20,	10:15,25;11:10,14,19,	15:13;16:24;20:1,4;
18:12	20:16	22	21;13:1;14:25;15:12;	22:20
		meetings (2)	16:4,14;17:4;18:10;	over (3)
	lock (1)			
K	lock (1) 14·10	5.20.7.9	19.1().7().3 74.77.9	1' U' 7' X' / ' / 7
K	14:10	5:20;7:9	19:10;20:3,24;22:9	3:10;5:8;17:25 overall (1)
	14:10 long (3)	meeting's (1)	new (1)	overall (1)
keep (3)	14:10 long (3) 4:16,16,18	meeting's (1) 10:9	new (1) 4:22	overall (1) 22:7
keep (3) 9:25;19:20,20	14:10 long (3) 4:16,16,18 longer (1)	meeting's (1) 10:9 message (2)	new (1) 4:22 Next (14)	overall (1) 22:7 own (1)
keep (3) 9:25;19:20,20 kind (7)	14:10 long (3) 4:16,16,18 longer (1) 15:19	meeting's (1) 10:9 message (2) 9:7;20:6	new (1) 4:22 Next (14) 3:9,15,18;4:1,11,	overall (1) 22:7
keep (3) 9:25;19:20,20 kind (7) 5:7;7:2;10:8,11;	14:10 long (3) 4:16,16,18 longer (1) 15:19 look (9)	meeting's (1) 10:9 message (2) 9:7;20:6 might (4)	new (1) 4:22 Next (14) 3:9,15,18;4:1,11, 25;5:10,21;6:6,19;	overall (1) 22:7 own (1) 11:23
keep (3) 9:25;19:20,20 kind (7)	14:10 long (3) 4:16,16,18 longer (1) 15:19	meeting's (1) 10:9 message (2) 9:7;20:6 might (4) 7:21;15:4;18:2;	new (1) 4:22 Next (14) 3:9,15,18;4:1,11,	overall (1) 22:7 own (1)
keep (3) 9:25;19:20,20 kind (7) 5:7;7:2;10:8,11;	14:10 long (3) 4:16,16,18 longer (1) 15:19 look (9)	meeting's (1) 10:9 message (2) 9:7;20:6 might (4)	new (1) 4:22 Next (14) 3:9,15,18;4:1,11, 25;5:10,21;6:6,19;	overall (1) 22:7 own (1) 11:23
keep (3) 9:25;19:20,20 kind (7) 5:7;7:2;10:8,11; 16:7;19:19;22:13	14:10 long (3) 4:16,16,18 longer (1) 15:19 look (9) 12:12;13:5;14:12;	meeting's (1) 10:9 message (2) 9:7;20:6 might (4) 7:21;15:4;18:2;	new (1) 4:22 Next (14) 3:9,15,18;4:1,11, 25;5:10,21;6:6,19; 7:6;8:1,15,24	overall (1) 22:7 own (1) 11:23

at Frairie Island Nuclea	r Generating Plant - 24-	6 B EIS - 24-68 - 11-20-24	<u> </u>	November 20, 2024
4:15;12:16	10:5;16:22		required (1)	slide (13)
page (4)	prepared (1)	D	4:7	3:9,18;4:1,11,13;
4:25;5:21;6:6,19	5:11	R	requires (1)	5:10;7:6;8:1,15,24;
			4:4	
PAM (2)	pretty (1) 14:1	radiological (3)		9:4;11:25;20:11
14:19;16:9		6:9,17;18:3	research (1)	snapshot (1)
paper (2)	previous (1)	rain (1)	19:2	8:10
6:2;8:8	4:12	12:14	resource (2)	somebody (1)
part (3)	print (1)	raise (2)	7:16;21:8	15:7
8:18;13:2;20:17	6:3	8:21;9:14	result (2)	someone (2)
parties (1)	probable (3)	raised (3)	12:24;14:2	8:20;15:2
5:16	13:15;14:6;16:2	9:21;11:17;15:3	results (1)	sort (5)
paste (1)	proceed (1)	rate (1)	13:16	7:4;15:18;18:6;
20:6	15:11	17:22	review (1)	19:3;20:6
people (5)	process (2)	reach (2)	3:8	sorts (2)
8:9;10:1;11:22;	19:9;20:17	20:1;22:20	right (10)	13:23,25
15:12;19:20	processed (1)	ready (1)	3:24;4:19;5:4,9;	Sounds (2)
Pepin (1)	21:15	11:6	7:10;10:17;12:4;	10:15;16:16
12:24	processes (1)	really (2)	16:24;19:3;20:11	speak (6)
period (8)	20:25	15:16;19:4	risk (3)	9:13,16,21;10:14;
5:20;7:9,11,19;	PROCHASKA (2)	recall (1)	17:6,9,12	11:17;12:9
8:14;21:4;22:2,15	14:19;16:9	17:14	risks (3)	specific (4)
periods (1)	produced (1)	recent (1)	17:3,5,25	14:23;16:16;18:21,
21:12	16:2	15:17	river (3)	25
person (1)	project (14)	record (10)	12:25;14:10;19:2	specifically (2)
8:19	3:5,8,8,11;4:13,18;	8:5,6,18;15:24;	room (1)	4:7;17:5
phone (4)	5:1;6:11,24;8:13;		10:8	spent (4)
12:3;15:10;16:25;	17:4;18:22;21:2,15	19:13,17,24;20:19;	10.0	3:4,21;4:7;10:24
20:12	project's (1)	21:15;22:14	S	St (1)
picture (2)	4:22	Red (3)	5	12:21
4:12;5:2	proposal (1)	3:20;4:14;6:2	safety (2)	standard (1)
pictured (1)	12:19	refer (2)	11:8;14:21	11:3
3:22	provide (1)	3:24;4:23	Same (3)	standards (2)
piece (1)	16:11	referring (1)	16:20;20:25;21:2	6:10,18
8:7	provided (2)	3:13		started (2)
places (1)	6:10,22	regrettably (1)	saw (2)	3:20;4:20
5:23		12:11	4:12;15:1	*
	public (17)	regulated (1)	saying (1)	starting (1)
plan (9)	3:2;4:9;5:12,15,18;	6:16	13:12	20:22
7:16;18:8,21,23;	6:2;7:10,11;8:18;	Regulatory (2)	schedule (2)	state (1)
19:8,11,14;21:8,9	10:7;16:3,5;20:22;	4:5;13:20	21:17,18	4:6
plant (8)	21:17,23;22:16,24	relative (1)	scoping (2)	statement (2)
3:4,11,20;6:14,21;	publicly (1)	21:19	5:19;7:8	3:12;22:6
12:16;14:12,21	19:13	relatively (1)	second (2)	stay (1)
please (9)	publish (1)	7:2	12:8;13:2	4:17
5:10,21;6:6;8:1,15;	13:5	releases (1)	seconds (1)	Stelten (7)
15:10;17:19;18:16,24	pull (1)	6:17	12:5	10:17,19;11:9,12;
point (2)	17:16	relevant (1)	section (4)	12:8,10;15:25
14:4;22:3	purpose (1)	13:7	11:2;13:10;18:2,13	Stelten's (1)
pointing (2)	3:14	reminder (2)	sedimentation (1)	15:6
4:14;19:3	put (3)	8:13;9:5	12:24	stenographer (1)
points (1)	5:6;20:9,12	renewal (1)	seeking (1)	15:24
6:15	putting (1)	4:4	4:2	steps (1)
pool (1)	12:2	repeat (1)	send (2)	3:15
12:25		15:23	8:9;9:7	storage (7)
pop (1)	Q		short (1)	3:5,21;5:2,3;6:20;
15:2	<u> </u>	report (3)	4:16	14:5;17:11
portion (1)	queue (1)	13:14;21:24;22:1	signed (1)	store (1)
12:25	9:18	reporter (3)	22:10	4:7
potential (6)	quick (1)	8:4;13:3;16:23	sit (2)	stored (2)
14:4;17:3,5,7,13,25	20:6	reports (2)	11:21;16:23	4:21;12:17
Prairie (5)	quite (1)	14:17,22	sited (1)	storing (1)
3:3,19;14:11;18:11,	14:8	representatives (1)	14:3	6:24
19	17.0	10:6	sitting (1)	studies (2)
		request (1)		
prefer (2)		6:4	4:19	14:16;15:16
	t .		-	4

at I full to Island I (ucice	ii Generating Flant - 24-	68E18 - 24-08 - 11-20-2	<u> </u>	November 20, 2024
. 1 (2)	1.12	T149144 (4)	21 14 15 16 46	
study (3)	4:13	Utilities (4)	21;14:15;16:4,6;	
14:3;16:2,17	told (1)	4:9;5:12;10:7;	18:16,18;21:8	
submitted (5)	19:15	22:16	<u> </u>	-
16:6;19:13,24;	tonight (4)	22.10	- Y	
	0 1	X 7	1	
20:21;22:13	3:2,15;12:1;20:15	V		1
subsequent (1)	tonight's (1)		years (1)	
4:4	8:4	various (1)	4:3	
			T.3	
suggested (1)	Tornados (1)	18:19		
15:15	13:24	vaults (1)	1	
suggests (1)	traditional (3)	5:6		-
12:22			1,200 (1)	
	18:9,14,25	verbal (1)		
summary (1)	transport (3)	8:3	5:8	
6:7	10:23;11:5,8	via (2)	15 (1)	
super (1)	transportation (1)	9:22;20:2	12:4	
15:17	11:3	virtual (1)	1973 (1)	
support (1)	transported (1)	3:2	3:20	
4:18	6:12		1st (1)	
		\mathbf{W}		
suppose (1)	transporting (1)	vv	21:25	
17:24	5:5			1
sure (7)	try (1)	wants (1)	2	
13:6;14:17;15:2,22;	8:22	8:17		4
			20 (1)	
16:7;20:20;21:6	trying (2)	water (3)	20 (1)	
system (1)	15:5;17:14	6:16;12:15;14:4	4:3	
6:1	turn (1)	way (1)	2025 (1)	
0.1				
-	3:16	17:6	21:21	
\mathbf{T}	two (5)	ways (1)	2026 (1)	
	4:14,15,17,21;7:8	8:2	5:8	
4-1-1- (2)				
table (2)	two-year-old (1)	website (3)	2034 (1)	
5:18;18:1	15:25	5:24,25;8:12	3:25	
talk (3)	typing (1)	weren't (1)	2054 (3)	
3:11;8:21;14:16	20:4	12:1		
			4:3;6:14,21	
talked (1)	typing's (1)	what's (1)		1
18:5	19:21	18:4	3	
talking (3)		whole (1)		4
	U		2 (4)	
17:10;18:22,23	U	20:7	3 (1)	
talks (1)		wildlife (2)	12:25	
11:2	Um-hmm (1)	7:4;18:5	31st (1)	
	11:20			
target (1)		Wing (2)	7:10	
7:13	unfortunately (1)	3:20;6:2		
technologies (1)	10:21			
13:21		wires (1)	5	
13.41		wires (1)	5	
	unless (1)	21:7		
technology (4)	unless (1) 21:12	21:7 within (2)	52 (1)	
	unless (1)	21:7		
technology (4) 4:22;5:1,2;13:22	unless (1) 21:12 unmute (3)	21:7 within (2) 6:10,17	52 (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10	21:7 within (2) 6:10,17 wonder (1)	52 (1) 4:19	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2)	21:7 within (2) 6:10,17 wonder (1) 17:5	52 (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1)	52 (1) 4:19	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1)	52 (1) 4:19 6	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2;	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8	52 (1) 4:19 6 6th (3)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4)	52 (1) 4:19 6	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18;	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11	52 (1) 4:19 6 6th (3)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16;	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24 wrong (3)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1) 7:16	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7 user (2)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1) 7:16 timeline (1)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7 user (2) 15:1,8	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24 wrong (3) 13:15;18:17;21:12	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1) 7:16 timeline (1) 7:7	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7 user (2) 15:1,8 users (1)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24 wrong (3)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1) 7:16 timeline (1) 7:7	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7 user (2) 15:1,8	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24 wrong (3) 13:15;18:17;21:12	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1) 7:16 timeline (1) 7:7 times (1)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7 user (2) 15:1,8 users (1) 9:12	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24 wrong (3) 13:15;18:17;21:12	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1) 7:16 timeline (1) 7:7 times (1) 7:22	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7 user (2) 15:1,8 users (1) 9:12 using (1)	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24 wrong (3) 13:15;18:17;21:12 X Xcel (11)	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	
technology (4) 4:22;5:1,2;13:22 temperature (1) 13:12 thanks (7) 11:13,14,19;12:2; 13:1;18:10;22:23 thinking (4) 11:22,23;12:5;17:6 third (1) 4:20 three (3) 4:15;21:10,11 throw (2) 11:24;16:24 tied (1) 7:16 timeline (1) 7:7 times (1)	unless (1) 21:12 unmute (3) 9:10;10:17;15:10 unmuted (2) 9:9;12:9 unmuting (1) 16:22 up (6) 12:3;15:2,14;17:16; 20:10;22:10 upstream (2) 12:25;14:11 use (2) 5:9;7:4 used (1) 5:7 user (2) 15:1,8 users (1) 9:12	21:7 within (2) 6:10,17 wonder (1) 17:5 wondering (1) 19:8 work (4) 3:6;12:21;16:18; 18:11 working (1) 20:7 works (2) 5:7;20:3 write (2) 17:22;21:24 wrong (3) 13:15;18:17;21:12	52 (1) 4:19 6 6th (3) 7:12;8:14;21:4 7 7th (1)	