

**Official Transcript of Proceedings**  
**NUCLEAR REGULATORY COMMISSION**

Title: Preliminary Results of the NRC Staff's  
Environmental Review for Turkey Point  
Nuclear Generating Units 3 and 4  
Subsequent License Renewal  
Public Meeting - Afternoon Session

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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PRELIMINARY RESULTS OF THE ENVIRONMENTAL REVIEW  
FOR TURKEY POINT NUCLEAR GENERATING UNITS  
3 AND 4 SUBSEQUENT LICENSE RENEWAL  
AT HOMESTEAD, FLORIDA

+ + + + +

WEDNESDAY

MAY 1, 2019

+ + + + +

The Public Meeting was convened in,  
Homestead, Florida at 1:00 p.m., Mr. Mussatti,  
Facilitator, presiding.

PRESENT:

MR. DANIEL MUSSATTI, Facilitator

MR. RAY MCKINLEY, Acting Director of Office of License  
and Renewal

MR. WILLIAM "BUTCH" BURTON, Project Manager

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

2 (1:00 p.m.)

3 MR. MUSSATTI: Okay. My name Daniel  
4 Mussatti and I welcome you here this afternoon. I  
5 am your Facilitator for today. NRC has asked me to  
6 handle this meeting, to run the meeting so that we  
7 can make sure that the meeting is done on time and  
8 that we stay on topic and that we get as much possible  
9 information from the public as we possibly can, out  
10 of today.

11 This is a meeting to discuss the  
12 preliminary results of the Environmental Review for  
13 Turkey Point's Generating Units Numbers 3 and 4.

14 We want to limit ourselves to that topic  
15 today because we have a limited amount of time and  
16 we've got a lot of people that would like to speak  
17 and we want to make sure that we're not filling up  
18 that time with issues that are not germane to the  
19 Environmental Review for the Units 3 and 4. So please  
20 try to tailor your remarks in that manner.

21 Let's do some basic housekeeping still.  
22 I want to make sure you're aware of where you are and  
23 what you're doing.

24 In case we have a fire drill or any sort  
25 of a reason that we have to evacuate the building, we

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1 all need to evacuate as quickly as possible. We have  
2 door over here on my left and we have a door over  
3 here on my right where everyone came in.

4 Both doors are available for people to  
5 leave. They're not both available to come back into  
6 the building or to come into this room. Everybody  
7 has to go past the security people on the way that  
8 they had come in earlier.

9 The ladies room is just right outside  
10 these doors, so there's an extra trek involved if  
11 somebody has to take advantage of the ladies room.  
12 They've got to walk all the around to come back in  
13 because these doors are not available for coming back  
14 into the room. That's for security reasons so that  
15 we can maintain the crowd and maintain what we're  
16 doing here.

17 There's a fountain outside that is right  
18 out, right by the metal detectors where the nice  
19 officers are standing. And that reminds me to tell  
20 you that there is no food or drink allowed inside  
21 this room in here. That is not our decision. That  
22 is the -- we're following the will of the people  
23 that actually own the building. So if you do have  
24 water, please hide it so that I don't see it and get  
25 you embarrassed in front of everyone.

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1 All right. Did that. Has everybody that  
2 wants to speak filled out one of the cards?

3 UNIDENTIFIED FEMALE: Can you speak up?  
4 I can't hear you.

5 MR. MUSSATTI: Can I speak up? Thank  
6 you for that. Yes, I will speak up.

7 I did not realize I was not speaking --  
8 I did not realize I was not speaking loudly enough.  
9 Testing 1, 2, 3. I like this one better.

10 Has everyone that wants to speak filled  
11 out a card? We have these little yellow cards here  
12 that are my only way of knowing that I should put in  
13 the list of people that are planning on speaking.

14 If you would like to speak, please fill  
15 one out. If you don't want to speak right now, but  
16 somewhere in the middle of the meeting the urge has  
17 finally struck you that you really need to make a  
18 statement, please, I invite you to find Phyllis --  
19 she's the -- there she is standing by the door over  
20 there and get a yellow card from her, fill it out and  
21 then she can get that card to me and I can put it in  
22 the stack that I'm carrying with me and we can get  
23 you to exercise your 1st Amendment Right and tell us  
24 what you think.

25 And this is a Category 3 meeting. And

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1 that's a technical term that we have at the NRC, but  
2 it means a very specific thing. This meeting is  
3 divided into three parts.

4 The very first part is going to be a  
5 discussion from the people that are in charge of the  
6 project. We'll have Ray McKinley talk for a few  
7 minutes. He's associated with the project.

8 And where's Butch? There's Butch, and  
9 he's the project manager for this. And they will  
10 give you some basic background information about  
11 what's going on.

12 Then we'll have an opportunity for  
13 everyone to be able to ask questions about: Why are  
14 you going it that way; what is, you know, I don't  
15 understand this step; I don't understand your  
16 deadlines. These sorts of things about the actual  
17 process, not about the plant itself, just the process.  
18 And we'll answer those questions to the best of our  
19 ability here.

20 And then the third part of the meeting is  
21 going to happen and that's the most important part  
22 and it's why we're here tonight. It is for the NRC  
23 to be able to receive your comments, so that when we  
24 finally put out the final version of this Environment  
25 Review, that it is as accurate as it possibly can be.

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1           You are the people that live in the area.  
2           We come down here and we visit, we look around, we  
3           investigate and we study and we ask a lot of  
4           questions. But because we don't live here, we don't  
5           have that intuition level and we can tend to miss  
6           things.

7           This is your opportunity for us to learn  
8           that: What about the left handed bat that lives in  
9           the area, or what about this or what about that, and  
10          get us to be able to look at those more closely for  
11          the Environmental Review to make sure that it is  
12          complete.

13          We want to limit our discussion here  
14          today to the Environmental Review Units 3 and 4. I  
15          know that everyone here has got an opportunity now to  
16          be able to speak to the NRC and make your opinions  
17          known on lots of topics.

18          And as much as possible I'm going to give  
19          you the opportunity to do that speaking, but what I  
20          would like you to keep in mind is that we do have a  
21          limited amount of time.

22          I may be asking you to relinquish the  
23          microphone if you're going off topic or you're going  
24          someplace where we really don't want to go with this  
25          meeting. And if we have time at the end of the

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1 meeting I will invite you to come back and finish  
2 your comments, but we want to make sure we get as  
3 many of the comments about Units 3 and 4 Environmental  
4 Review as possible.

5 So please let's try to rein in  
6 discussions on other things that are important in the  
7 nuclear world but not germane to this exact meeting.

8 One thing that happens at these meetings  
9 is you will say something that you think is very clear  
10 in your mind and it didn't come across that way to  
11 us. Or we will say something and/or hear something  
12 that we misinterpreted from what you had said.

13 The best thing for you to do would be to  
14 take anything that you have said here and follow it  
15 up afterwards with a written set of comments sent in  
16 to us so that what you say is exactly what we hear.

17 And that we invite you to do. The very  
18 last slide that we will be having up on this board up  
19 here, up on the screen here today, will give you  
20 several addresses where you can send that comment in,  
21 to expand upon, clarify or add to in some manner, to  
22 anything that you've said on the floor.

23 If you haven't spoken on the floor, you  
24 are still invited to be able to make your comments in  
25 writing to us at these addresses that you'll see, and

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1 this will be available to you until the 20th of May  
2 when the comment period closes. So, you've got some  
3 time ahead of you and please take advantage of it.

4 The Agenda today, like I said, is going  
5 to start with Ray McKinley, he's the Acting Director  
6 of the Division of Material and License Renewal in  
7 the Office of New Reactor Regulations and he will  
8 provide us with some opening remarks, and then Butch  
9 will give us an overview of what the project is like.

10 Then when we have the public speaking  
11 period, we really don't want to go to the point of  
12 having to use Miss Manners or go to *Robert's Rules of*  
13 *Order* or anything like that to make this meeting run  
14 effectively.

15 We're all adults here. We've been  
16 through many of these meetings before, a lot of us  
17 have, and we know how to act and we would like to  
18 have a little decorum in our forum. But I'd like to  
19 remind people of several things.

20 First of all, please turn off your  
21 telephones. If it buzzes, beeps, sings to you, talks  
22 to you, anything like that and could disrupt somebody  
23 that's speaking, we would appreciate it if you would  
24 shut your phone off.

25 Some people in this room have safety

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1 reasons why they cannot shut their phones off. If  
2 there was to be some sort of an emergency, they would  
3 have to be able to respond to it. Some people have  
4 family with health issues and they need to be able to  
5 keep monitoring that.

6 If, for some reason you feel that you  
7 need to leave your phone on, please do so, but put it  
8 on vibrate or electro shock or whatever it is that  
9 you've got on there that is silent, so that when you  
10 get notification of the phone call, nobody else will  
11 know what's going on except that they will see you  
12 discretely walking out the door so that you can take  
13 that phone call.

14 We would appreciate if everyone could  
15 follow that. Along the same lines, anybody that is  
16 speaking, what they are saying is the most important  
17 thing we need to hear at the time, so please no  
18 sidebar conversations.

19 No rebuttals from the audience, please.  
20 If somebody says something that you don't agree with  
21 and you need to provide a context to it or you want  
22 to say something in rebuttal to it, you need to have  
23 your moment under the microphone, and that is done  
24 with the yellow cards or waiting until the end when  
25 I invite people that haven't signed the cards to have

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1 an opportunity to speak.

2 We're not going to do any debating here  
3 back and forth during that period. And if you were  
4 to ask a question of the people of the NRC while you  
5 are up here giving your public comments, I would not  
6 expect those people that are working for the NRC to  
7 answer the question now.

8 This is not the right kind of venue for  
9 that. If we get into a dialog back and forth, what  
10 we're liable to do is we're liable to wind up taking  
11 up valuable time that's needed for other input and  
12 besides, we're not prepared to answer these kind of  
13 questions.

14 These are technical questions and we  
15 can't really give an off-the-cuff answer. So please  
16 don't expect to get an answer to rhetorical questions  
17 that you give.

18 This meeting is being recorded and  
19 because it's being recorded, we really have to be  
20 careful about the sidebar conversations,  
21 interruptions and these sorts of things, because we  
22 need to have a very clean record of what's gone on  
23 here today so that we can put it on ADAMS and make  
24 sure everyone can see it.

25 That means that we have to also speak

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1 very clearly and directly into the microphones when  
2 we are talking. We don't want to not speak into the  
3 microphone because you really can't hear quite as  
4 well and she can't make a good recording of it. So  
5 please speak into the microphone, even if you have to  
6 turn around to talk to somebody, directing it to them,  
7 please take the microphone with you.

8 Also when you start speaking, start with  
9 your name and any affiliation that you might have.  
10 And try to speak clearly because with microphones,  
11 with a little bit of an echo, with the thickness of  
12 some people's accents, these sorts of things, it can  
13 be hard to get this information correctly across.

14 And if you have a name that is hard to  
15 spell or could be misspelled rather easily, it would  
16 be a nice idea if you would spell it for our Court  
17 Reporter. My last is spelled M-U-S-S-A-T-T-I,  
18 Mussatti.

19 Okay. And finally, we all have opinions.  
20 Some of them are very deeply held, some of them have  
21 got emotional levels with them that vary, but we all  
22 have our own opinions.

23 That does not mean that we can be  
24 disrespectful. We want to make sure that everyone  
25 that is speaking here is heard. We want to make sure

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1 that there is no excessive rhetoric or anything like  
2 that in our discussion.

3 We want to keep a low profile on the  
4 emotional level, so please help rein that in. If  
5 things start getting out of hand, I'm going to have  
6 to ask you to stop speaking, and if at all possible  
7 I would like to avoid having to refer to my big shadow  
8 over here, Mr. England, who is our security person,  
9 who would be helping me to get the microphone away if  
10 somebody decided they just didn't want to give the  
11 microphone back. We want to make sure that this runs  
12 very smoothly and that we walk away from here with a  
13 good experience.

14 Does anybody have any questions about how  
15 this meeting is going is going to be run today?

16 (No response.)

17 MR. MUSSATTI: Yeah, I thought I was  
18 pretty thorough on that. Probably a little bit too  
19 thorough. I apologize for that.

20 What I'd like to do now is to turn the  
21 meeting over to Ray McKinley so that he can provide  
22 us with that opening information. Ray.

23 MR. MCKINLEY: Thank you. Good  
24 afternoon everybody and thank you for attending  
25 today. My name is Ray McKinley, I'm the Acting Deputy

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1 Director of the Division of Materials and License  
2 Renewal in NRC's Office of Nuclear Reactor  
3 Regulation.

4 We appreciate everybody coming out today  
5 and giving us the opportunity to share our preliminary  
6 results of the environmental review.

7 Florida Power and Light submitted its  
8 subsequent license renewal application in January of  
9 2018 and this is the first application submitted by  
10 a licensee requesting operation of the nuclear unit  
11 for as long as 80 years.

12 Since that time, our staff has performed  
13 a number of safety and environmental reviews and we  
14 have considered input provided in the application,  
15 input provided by the public during the Scoping  
16 process, staff audits, as well as additional  
17 information provided by FPL based on questions from  
18 our staff.

19 So we look forward to an engaging process  
20 with you-all today. We again appreciate you-all  
21 coming out, and we encourage you to submit comments  
22 for our staff to consider as we complete our  
23 environmental review.

24 And with that I'll turn it over to Butch.

25 Thank you.

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1 MR. BURTON: I'm going to try to use this  
2 microphone, so the folks who said they couldn't hear  
3 before, are you okay with this?

4 Okay? All right. Oh, you can't hear  
5 me? As loud as my voice -- okay. All right. Is  
6 this okay? All right.

7 Good afternoon everybody. I see a number  
8 of familiar faces here. We were here just about a  
9 year ago with our public Scoping Meeting and a number  
10 of people were here and I'm glad to see that many of  
11 you have come back. That's great.

12 My name is William Burton, but everybody  
13 calls me Butch. And I'm the Environmental Project  
14 Manager in the Division of Materials and License  
15 Renewal in the Office of New Reactor Regulation.

16 I'm overseeing the NRC staff's  
17 environmental review of the license renewal  
18 application submitted by Florida Power and Light,  
19 requesting a 20 year extension to the current  
20 operating licenses for Turkey Point's Units 3 and 4.

21 And for those of you who aren't aware, I  
22 am now basically going through the slides if you want  
23 to follow along.

24 The staff issued its draft supplemental  
25 Environmental Impact Statement on March 29th and

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1 we'll update the review results after considering any  
2 comments that may be provided before the deadline of  
3 May 20th, including any comments that you will provide  
4 either verbally or in writing today.

5 In addition to Mr. McKinley, we also have  
6 a number of NRC staff mostly sitting around the front  
7 table. These are folks who have participated in the  
8 environmental review.

9 This is the Agenda for today's meeting.  
10 I'll first present the NRC's regulatory role and the  
11 purpose and need for the proposed action. I'll then  
12 briefly discuss the environmental review process,  
13 including the resource areas that are reviewed and  
14 how the environmental impacts are defined.

15 Next I'll summarize the preliminary  
16 results and conclusion from the staff's environmental  
17 review for the renewal of Units 3 and 4 licenses.

18 Finally I'll finish up by going over the  
19 NRC's schedule for completing the environmental  
20 review, how you can contact us and how you can submit  
21 comments on this review.

22 The NRC is a Federal Agency that  
23 regulates the civilian use of nuclear materials. The  
24 Agency's authority comes from several statutes  
25 including the Atomic Energy Act and the Energy

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1 Reorganization Act.

2 The Atomic Energy Act authorizes the NRC  
3 to grant 40-year operating licenses for nuclear power  
4 plants. This 40 year term was based primarily on  
5 economic considerations and antitrust factors, not on  
6 safety or technical limitations.

7 The Atomic Energy Act also allows for  
8 renewal of operating licenses. When it receive an  
9 application for license renewal, the NRC conducts  
10 both a safety and an environmental review of the  
11 application.

12 The NRC's environmental review is  
13 performed in accordance with the National  
14 Environmental Policy Act, as most of you know as NEPA.  
15 This Act established a national policy for  
16 considering environmental impacts and provides a  
17 basic architecture for Federal environmental reviews.

18 All Federal agencies must follow a  
19 systematic approach in evaluating potential impacts  
20 and assessing alternatives to proposed actions. By  
21 law the NEPA process involves public participation  
22 and public disclosure.

23 In conducting any review the NRC's  
24 mission is threefold: To ensure adequate protection  
25 of public health and safety, to promote the common

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1 defense and security, and to protect the environment.

2 The specific objective of NRC's license  
3 renewal review is to determine whether the nuclear  
4 power plan can continue to be safely operated for an  
5 additional 20 years and to determine the  
6 environmental impacts from such continued operations.

7 All right. I won't dwell on all the  
8 dates on this slide. This is just a little bit of  
9 the licensing history of Units 3 and 4.

10 What I will say is that in January 2018,  
11 Florida Power and Light submitted an application to  
12 renew these licenses for a second time, such that  
13 they would expire on July 19, 2052 and April 10, 2053,  
14 respectively, if the extended licenses are approved.

15 The staff documents its environmental  
16 review in an Environmental Impact Statement which is  
17 made publicly available. We've recognized that some  
18 environmental impacts relating to license review are  
19 similar across multiple plants, and therefore to  
20 improve efficiency, we use a generic Environmental  
21 Impact Statement that addresses a number of impacts  
22 that are common to all nuclear power plants or a  
23 distinct subset of plants.

24 As part of our environmental review, the  
25 staff re-examines the conclusions reached in the

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1 generic Environmental Impact Statement to determine  
2 if there is any new and significant information that  
3 would change the conclusions in the generic EIS.

4 We also supplement the generic EIS with  
5 a discussion of the environmental impacts that are  
6 specific to a particular power plant being reviewed.

7 As part of this supplement the staff  
8 determines if there are any potentially new issues  
9 that should be included in our environmental review.

10 The staff obtains this information to  
11 support the site's specific review from information  
12 provided in the license renewal application, from  
13 consultations with Federal, State, Tribal and local  
14 government agencies, from our own independent  
15 environmental review, including site visits and  
16 audits and from public comments.

17 With respect to Turkey Point, the staff  
18 has completed the draft of it's site specific  
19 Environmental Impact Statement, which we published as  
20 I said before, on March 29th of this year.

21 The draft is available on the NRC's  
22 website and the URL will be given at the end of the  
23 presentation.

24 For the environmental review the NRC  
25 looks at a wide range of environmental resources and

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1 evaluates the impacts of those resources from the  
2 continued operation of the nuclear power plant.

3 This slide identifies the resource area  
4 the NRC reviews. If you want to just take a minute  
5 or two to just look over those.

6 (Pause.)

7 The NRC staff addresses each  
8 environmental resource area by analyzing in detail  
9 the impacts that operation of the power plant may  
10 have on the resource area. The staff then  
11 characterizes these impacts as small, moderate or  
12 large.

13 As you can see from the slide, these  
14 definitions are based on whether the impacts are  
15 detectable and whether the impacts are substantial  
16 enough to alter the resource.

17 For some environmental resource areas the  
18 characterization of impacts is dictated by statutes  
19 or Executive Orders. The definition of the impacts  
20 and the implementing legislation for a threatened and  
21 endangered species and essential fish habitats are  
22 shown on this slide. I'll give you just a second to  
23 look at that.

24 (Pause.)

25 The definition of the impacts and the

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1 implementing legislation for cultural and historic  
2 resources and environmental justice are shown on this  
3 slide. I'll give you a minute on that.

4 (Pause.)

5 Here's the main slide. The next two  
6 slides summarize the NRC's findings regarding the  
7 environmental impacts associated with the continued  
8 operation of Units 3 and 4 for an additional 20 years.

9 As you can see, the majority of the  
10 resource areas continue to experience small impacts  
11 from extended operation. For the groundwater and  
12 aquatic resource areas, the impacts would be small to  
13 moderate.

14 For both resources the continued  
15 operation of Units 3 and 4 for an additional 20 years  
16 may noticeably alter the resource, but not  
17 destabilize the key attributes of the resource.

18 For example, the continued operation of  
19 Florida Power and Light's upper Floridan aquifer  
20 production wells, particularly the freshening well  
21 system, will likely affect offsite well systems by  
22 increasing draw down in the aquifer beyond that  
23 currently being experienced due to regional  
24 groundwater production alone.

25 Additionally the impingement and

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1 entrainment of some aquatic species in the cooling  
2 canal system are expected to continue, but will be  
3 limited due to the layout of the cooling canal system.

4 With respect to special status species  
5 and habitats --

6 UNIDENTIFIED FEMALE: Would you mind  
7 holding the microphone closer --

8 MR. BURTON: Still can't hear me?

9 UNIDENTIFIED FEMALE: Well, you're  
10 holding it away from you.

11 MR. BURTON: Oh, I am? Okay. I  
12 apologize.

13 With respect to special status species  
14 and habitats -- good?

15 UNIDENTIFIED FEMALE: That's better.

16 MR. BURTON: -- the continued operation  
17 of Units 3 and 4 is likely to adversely affect the  
18 American Crocodile and the Eastern Indigo Snake and  
19 may result in adverse modification -- modification to  
20 the critical habitat of the American Crocodile.

21 Finally, the continued operation of Units  
22 3 and 4 for an additional 20 years would not adversely  
23 affect known historic or cultural resources. And  
24 there is no evidence that continued operation of the  
25 units would disproportionately and adversely affect

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1 minority or low-income communities.

2 The National Environmental Policy Act  
3 also requires that we take a hard look at the impacts  
4 of the continued operation of Units 3 and 4 in  
5 combination with other past, present and reasonably  
6 foreseeable future actions in the area.

7 The future actions that were considered  
8 for the cumulative impacts analysis are shown on this  
9 slide. I won't go over them, you can see them there.

10 The impacts from climate change were also  
11 considered as part of the staff's cumulative impacts  
12 analysis.

13 NEPA also requires the NRC to consider  
14 all alternatives to issuing the renewed operating  
15 licenses and the environmental impacts associated  
16 with those alternatives.

17 Accordingly, the Draft Environmental  
18 Impact Statement includes a discussion of  
19 alternatives, including identification of  
20 alternatives not considered and the basis for  
21 removing them from further consideration, and an  
22 evaluation of the environmental impacts of the  
23 remaining alternatives.

24 The alternatives that the NRC staff  
25 evaluated in depth, as you can see on the slide, were

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1 new nuclear generation, natural gas combined cycle  
2 generation and a combination of natural gas and solar  
3 photovoltaic generation.

4 The NRC staff also evaluated a no action  
5 alternative, which looked at the impacts if Units 3  
6 and 4 licenses are not renewed.

7 Finally, the NRC staff evaluated the  
8 environmental impacts from using mechanical draft  
9 cooling towers instead of the existing cooling canal  
10 system.

11 Based on its evaluation of the  
12 environmental impacts of operating Turkey Point Units  
13 3 and 4 for an additional 20 years, the NRC's  
14 preliminary recommendation is that an adverse  
15 environmental impacts of renewing the Unit 3 and 4  
16 licenses are not so great that preserving the option  
17 of license renewal for energy planning decision  
18 makers would be unreasonable.

19 This slide shows the important milestones  
20 for the environmental review process. Note that the  
21 date for completion of the final EIS is an estimate.  
22 It will depend on the number of comments that we  
23 receive and how long it will take us to work through  
24 those.

25 The Draft EIS can be viewed at these local

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1 public libraries. You can also find it on the NRC  
2 website at this address.

3 The slide provides links to several  
4 important web pages. The website for Turkey Point  
5 has links to the license renewal application, the  
6 environmental report, the current schedule and the  
7 project managers for the plant.

8 If you would like to receive  
9 correspondence related to the project, you can join  
10 the Turkey Point Listserv, the third bullet down at  
11 the link in the slide. And you can get all of the  
12 correspondence that's associated with the project.

13 So for additional information you can  
14 contact me. My contact information is provided here.

15 This slide shows how you can submit  
16 comments on the Draft Environmental Impact Statement.  
17 Comments will be accepted through May 20th and can be  
18 submitted by mail, by email and through the  
19 regulations.gov website. And we'll leave this slide  
20 up for the remainder of the meeting so you'll have it  
21 available.

22 So this completes the presentation and  
23 I'll turn it back over to Dan.

24 MR. MUSSATTI: Okay. Thank you, Butch.

25 Now this section of the meeting is a

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1 question and answer period where if you are not clear  
2 as to why we're doing things the way that we are doing  
3 them in the process, you can ask those questions and  
4 we can see if we can answer them for you on the spot.

5 We're not talking about technical issues  
6 related to the actual project itself and we're not  
7 talking about the American alligator, we're not  
8 talking about any of these other environmental issues  
9 related to the planet, that comes a little bit later.

10 This is a question and answer period  
11 where if you're not clear about why we're doing  
12 something the way we're doing it or it looks like  
13 something is unclear, you get a chance for that  
14 clarification.

15 Does anybody have a question at this  
16 time?

17 Okay. Hold on one second. I'll bring a  
18 microphone to you. If you would start by giving me  
19 your name and your affiliation, I would appreciate  
20 that.

21 MS. PERFIDO: Yes. My name is Ruth  
22 Perfido. I live at Ocean Reef in Key Largo and I am  
23 part of the Bonefish Bonnies Woman's Fishing Group.

24 And my question goes to the process. Is  
25 that a question I can ask?

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1 MR. MUSSATTI: Yes.

2 MS. PERFIDO: When you said that for  
3 instance, as by the way of example as we say, there's  
4 no adverse affects on essential fishing habit, or  
5 there's no disproportionate high in adverse human  
6 health.

7 Is there a report that is available to  
8 the public to see how you reached that decision, or  
9 is there a method of finding out? Or did ten people  
10 just sit around and say well, we don't think there's  
11 any adverse affect. Thank you.

12 MR. MUSSATTI: Okay. Thank you. That's  
13 a fairly straight forward question and I think we've  
14 got a bunch of different people who can answer that,  
15 but I'm going to turn to the Project Manager to answer  
16 it, because it is project.

17 MR. BURTON: Thanks. Very good  
18 question. If you go to the Draft EIS, you will see  
19 the section on environmental justice and all of the  
20 different resource areas.

21 We do have copies here or you can look it  
22 up online and we can show you exactly where that  
23 discussion is and how we reached the findings that we  
24 did.

25 So they are available and they are in the

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1 report. Oh, yeah. Let me show you. This is it.  
2 We have several copies here, so to address your  
3 question or if anybody else has similar questions,  
4 just come and see one of us and we can show you where  
5 it is in the report.

6 MR. MUSSATTI: In the spirit of not  
7 having to take everything back to Washington with us,  
8 I'd like to present you with this honorary copy. That  
9 should answer your question.

10 Did you have a question, sir?

11 MR. GOMEZ: I did, sir. Albert Gomez,  
12 resident, city of Miami. I wanted to know, there was  
13 -- there are ongoing NRC comments, comment periods  
14 going on right now that are concurrent and relatable  
15 to Turkey Point, specifically to groundwater  
16 institute. And there is a development in regulatory  
17 framework that the Nuclear Regulatory Commission is  
18 in process of engaging and developing.

19 And that regulatory framework seems to be  
20 precedent setting based on groundwater, let's say  
21 regulatory standards. And there is a default where  
22 the EPA, in this particular case has removed  
23 themselves from the process of affecting that  
24 regulatory framework.

25 And specific to process development and

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1 State and county regulatory guidelines in and around  
2 ongoing consent decrees here in South Florida, these  
3 non-finished, non-compliant consent decrees that are  
4 un -- you know, evolving, devolving, however what  
5 position you're in, that are dynamic. End of  
6 the day I don't see in any of that framework which  
7 then can be in precedent foreshadowed or applied to  
8 this particular regulatory assessment of re-licensing  
9 3 and 4.

10 I'm wondering, does the local regulatory  
11 body that has entered into an agreement with I  
12 believe, the FPL specific to Turkey Point, i.e., DERM,  
13 have any regulatory say in the process of this re-  
14 licensing, based on the dynamic development of an  
15 existing framework for groundwater, since they are  
16 kind of in a sort of convoluted way, connected.

17 So I'm wondering if there is any guidance  
18 to where DERM plays, specific to this licensing  
19 process, given the two ongoing consent decree  
20 agreements both at the State and at the county level.

21 MR. MUSSATTI: All right. Thank you.  
22 You did give your name at the beginning, didn't you?

23 MR. GOMEZ: Albert Gomez.

24 MR. MUSSATTI: All right. Thank you,  
25 sir.

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1           At this time I would like to find somebody  
2           in the room, whose name is Scott. Where is he?

3           We tend to, on issues like this where the  
4           message can get garbled back and forth, we tend to  
5           refer to a resident expert in public affairs and these  
6           things to get the ball rolling.

7           So I'm going to give the microphone to  
8           Scott and see if he can give a preliminary answer on  
9           this because this is very important issue.

10          MR. BURNELL: And I have to apologize, I  
11          had to step out as you were starting your question.

12          But if I got the gist of it, correct me  
13          if I'm wrong, you're asking essentially what role  
14          local and State municipalities play in our decision  
15          regarding Turkey Point?

16          MR. GOMEZ: Yes. But specifically to  
17          the fact that there are ongoing groundwater EIS  
18          related regulatory frameworks being developed  
19          independently by NRC without EPA input. They are  
20          deferring to the NRC in development of that framework.

21          And in a home rule reality, with regards  
22          to the regulatory guidelines here, both in the entered  
23          agreements at the State and at the county level, what  
24          role does DERM play?

25          Is there a precedent setting happening by

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1 this framework development and does it have effect  
2 or weigh into, and if so what weight does DERM play  
3 in the licensing approval process?

4 MR. BURNELL: Okay. I caught the  
5 remainder of that as I was coming back into the room.  
6 Let me answer it two ways.

7 There is a division between the NRC's  
8 process which is specific to licensing the operation  
9 of the reactor, and then there are State and local  
10 permitting decisions that are outside of what we do.

11 I understand you're drawing a link  
12 between those two processes. I was here at the  
13 Scoping Meeting last year and that topic did come up.

14 So I'm going to say that once we go back  
15 to the report that we issued from the Scoping Meeting,  
16 that topic would be addressed there in more detail  
17 than we can go into today.

18 The other way I would answer the question  
19 is that particularly if you can rephrase that as a  
20 comment, once we get into the comment period, that is  
21 an issue that the staff will address in the final  
22 EIS.

23 And if any of the staff would like to  
24 expand on that?

25 (No response.)

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1 MR. BURNELL: Seeing no objections, we'll  
2 go back to the moderator.

3 MR. MUSSATTI: Okay. Is this a process  
4 question?

5 MS. RIPPINGALE: Yes.

6 MR. MUSSATTI: Okay. Hang on one second.  
7 And again, please note your name.

8 MS. RIPPINGALE: Absolutely. My name is  
9 Bonnie Rippingale. I'm an attorney and  
10 representative of the Ocean Reef Environmental  
11 Committee.

12 You made the statement that the fish had  
13 not been affected out in the Bay. And your own 3 1-  
14 1-1 page, table B11 talks about the impairment of  
15 smalltooth sawfish and loggerhead, green, leatherback  
16 and hawksbill turtles that are Federally listed  
17 Endangered or Threatened Species under National  
18 Marine Fisheries Service jurisdiction in Biscayne  
19 Bay.

20 Although they don't occur, according to  
21 this, adjacent by the Federally listed species under  
22 the NMFS jurisdiction, may occur in Biscayne Bay  
23 adjacent to the Turkey Point site.

24 Why does that conflict with what you're  
25 telling us?

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1 MR. MUSSATTI: Okay. This is not a  
2 process question. This is a question related to the  
3 actual environmental review itself, which is our next  
4 session here.

5 And as I said earlier, when we get to  
6 this next session, we're not going to be in a position  
7 where we can answer technical questions very easily  
8 because we don't have all of our documentation in  
9 front of us to be able to give you a really, really  
10 good answer and we'd be risking saying something that  
11 was maybe a little bit off base.

12 I would suggest that you start by taking  
13 a look at the discussion of these items inside the  
14 Draft Environmental Impact Statement that has been  
15 provided, a copy of which you just saw a minute ago,  
16 and see if that argument makes any sense in there as  
17 to how it was determined that, yes, there's going to  
18 be some impact, but, no, that its impact is considered  
19 to be small because of these reasons, and see if that  
20 makes sense.

21 Please follow that up. If you need  
22 clarification with some sort of a letter to us at the  
23 addresses above in the form of comments, stating that  
24 it was unclear or that we had not considered something  
25 that needs to be considered, so that we can fully

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1 consider this in the document.

2 But I understand your question and the  
3 importance of the question. It's just that it fell  
4 on the wrong side of the line for right now.

5 Okay. Do we have any other questions  
6 that are related to the process?

7 MR. GOMEZ: One last process question.

8 MR. MUSSATTI: One boquito question.

9 MR. GOMEZ: Only with relevance.

10 So you referenced something in the intro,  
11 which was distinct sites. You hierarchically decide,  
12 you know, determined that -- or the way it's written  
13 is economic and then also independent environmental  
14 analysis.

15 Is there a stated weighted hierarchy to  
16 that with regards to the mission in how it's deployed  
17 into a process of review?

18 And then, secondarily, you mentioned  
19 discussions, that you weigh discussions. And I want  
20 to be very critical because this is one of the  
21 comments.

22 Is discussion such as the convening of  
23 the POANHI and different meetings where across  
24 regulatory bodies and agencies are brought together  
25 to get guidances on, like for instance, application

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1 of modeling, assessments, and things of that nature.

2 Are those discussions? Can that be  
3 classified as a discussion based on the fact that  
4 your agency is engaged in that specific to these type  
5 of approvals of licensing?

6 MR. MUSSATTI: So, two part.

7 MR. BURTON: Yeah. A couple of things.  
8 If you get on our Listserv, which is on one of the  
9 prior things, you will have access to all of the  
10 correspondence that has gone on throughout the  
11 review.

12 We pay particular attention to making  
13 sure we document all of the relevant discussions that  
14 led to us reaching the findings that you see in the  
15 report.

16 And if you go into the Draft EIS, there  
17 is a reference section, there are a couple of  
18 appendices where we lay all of that out. And again,  
19 as I said, also if you get on the Listserv you can be  
20 a party to all of that.

21 ALBERT GOMEZ: The POANHI was not  
22 included in that. That's why I asked if it was a  
23 relevant discussion.

24 COURT REPORTER: I need him on  
25 microphone.

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1 MR. BURTON: Oh, I'm sorry.

2 MR. GOMEZ: The POANHI was not included  
3 in that, even through it was an NRC/EPA driven  
4 discussion and had relevant inputs based on an  
5 Environmental Impact Statement.

6 So I'm wondering if it's excluded, did  
7 it did not exist? Can it be referenced as a comment  
8 and then included if we were to put comment on it,  
9 and that's how to bring it into the comment  
10 discussion?

11 And then the question about the  
12 weighting. Is there weighting based on the mission,  
13 based on economics being the priority and then  
14 independent environmental review.

15 MR. MUSSATTI: Okay. This is starting  
16 to become a dialog and we want to stay away from a  
17 dialog, so this is going to be the last response and  
18 then we're going to move on.

19 MR. BURTON: All right. Yeah. If there  
20 is something that you think that we missed, definitely  
21 submit it as a comment, because we will definitely  
22 need to follow up on that.

23 In terms of priority, in the presentation  
24 we mentioned we have three primary things, as an  
25 agency. Maintain public health and safety, common

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1 defense and security and the environment.

2 All three of them are top priority for  
3 us.

4 MR. GOMEZ: Equally weighted.

5 MR. BURTON: Yes. There is not a, you  
6 know, they're all priority one with us.

7 And I do just want to say that, you know,  
8 we're here today about half way through the comment  
9 period, and we do that on purpose because we want to  
10 give you guys an opportunity who may have not taken  
11 a look at the report, the Draft EIS yet. And we want  
12 to give our findings, elicit comments from you all,  
13 questions from you while there is still time for you  
14 to go back, look at the Draft Environmental Impact  
15 Statement in time to still provide comments by May  
16 20th.

17 So that's really why we're here, one of  
18 our primary reasons why we're here, to help you with  
19 providing comments today and in forming comments that  
20 you may provide by the 20th.

21 MR. MUSSATTI: Okay.

22 MR. SCHILLINGER: I have an EIS process  
23 approval question.

24 MR. MUSSATTI: Okay. Hold on one second.  
25 If we're going to get it on the record, you're going

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1 to need to either speak very, very loud or they're  
2 going to have to let me through here. Hold on. And  
3 your name first.

4 MR. SCHILLINGER: My name is Steven  
5 Schillinger. I'm representing the north Key Largo  
6 Utility District.

7 The question I have is, there's an  
8 ongoing action for a new permit for Turkey Point,  
9 NPDES permit with FDEP. That is ongoing right now  
10 and expect the findings for that permit to be  
11 concluded and issued during your process.

12 Would you be agreeable or could you, and  
13 could, you modify your process to include the findings  
14 of that action? Because I think it may impact the  
15 alternative analysis that you've made on the cooling  
16 system alternatives in the EIS.

17 MR. MUSSATTI: Okay. I think I'm going  
18 to take this one myself. In that one of the things  
19 that you saw on the slides over here is that one of  
20 the outstanding issues that we have to conclude and  
21 we have to get finalized with this EIS, is what's  
22 called cumulative impacts.

23 And the cumulative impacts are the  
24 effects of all other reasonably foreseeable future  
25 projects that could possibly impact the safety and

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1 the environmental operation of the plant -- of this  
2 proposed plant. In this case it's the renewal  
3 license.

4 On that list, the very first one that was  
5 listed was the Turkey Point 6 and 7 work that's being  
6 done right now. And that work has to be completed  
7 before we can say that we are completed with the  
8 Environmental Impact Statement for this renewal  
9 license.

10 So in essence, I would like to say the  
11 short answer would be, yes, it's going to take that  
12 into consideration. But, no, we're not going to  
13 alter our process for it because our process includes  
14 the completion of that step.

15 Does that make sense to you?

16 MR. SCHILLINGER: You're talking about 3  
17 and 4, right, not 6 and 7?

18 MR. MUSSATTI: 3 and 4.

19 MR. SCHILLINGER: Yeah.

20 MR. MUSSATTI: 6 and 7 is NPDES process.

21 MR. SCHILLINGER: Well, what I'm talking  
22 about --

23 COURT REPORTER: Just a moment. Just a  
24 moment.

25 MR. SCHILLINGER: It's coming up. It's

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1 ongoing right now.

2 COURT REPORTER: Just a moment.

3 MR. SCHILLINGER: Yeah. My question is  
4 related to the new NPDES program that's under  
5 consideration for existing reactors 3 and 4, which  
6 are part of the considerations, I guess in this  
7 current EIS we're moving forward to 2052.

8 MR. MUSSATTI: Well, that's what we're  
9 here for today is to discuss this.

10 I'm going to move on to the comment  
11 section.

12 UNIDENTIFIED SPEAKER: I don't think you  
13 answered the question.

14 MR. MUSSATTI: Excuse me. There is some  
15 confusion back there?

16 UNIDENTIFIED SPEAKER: I don't think  
17 you've answered the question.

18 MR. MUSSATTI: I'm not quite sure.

19 Butch, do you want to give it a try?

20 MR. BURTON: Okay. Hopefully this will  
21 help. There is a reason why what we just issued is  
22 considered draft.

23 When we do our review, the world doesn't  
24 stop while we finish what we're doing. Other things  
25 are going on in the same time, including what you're

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1 talking about.

2 What we try to do as a staff is, we look  
3 at what is going on there and then we take a look at  
4 what we've done and we say, does that impact the  
5 findings that we have. And if it doesn't, we'll say  
6 so.

7 And the Final EIS -- would address that.  
8 And, of course, as a result of the NPDES -- am I'm  
9 saying that right -- in fact if it does turn out that  
10 what they're committing to in that and all that stuff,  
11 impacts with what we're doing, we would look at that  
12 and we would document it in the Final.

13 So it doesn't fall through the cracks.  
14 We don't ignore it. But we do consider it as we move  
15 forward. I hope that answers the question.

16 MR. SCHILLINGER: Even if it's after the  
17 comment period? Because I expect that this permit  
18 will be issued before you conclude your process, but  
19 I just want to make sure in moving forward that  
20 between May 20th and that current date you predict to  
21 issue the renewal license. That if that occurs, that  
22 you can consider it and put it in your EIS. And if  
23 it changes the acceptability or reasonability of some  
24 of the alternatives, especially from the cooling  
25 systems.

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1 MR. BURTON: Okay. And let me just say,  
2 first of all, make sure you submit that as a comment  
3 to make sure that it will be captured.

4 I'm going to turn to -- I don't if anybody  
5 else on the staff wants to speak on that, but.

6 UNIDENTIFIED SPEAKER: So this is a  
7 process --

8 MR. FOLK: Kevin Folk, NRC staff. We are  
9 aware that the Florida DEP has issued a draft and  
10 NPDES permit renewal for Turkey Point Units 3 and 4.

11 If that permit is issued as a final permit  
12 and we consider that as emergent information, we will  
13 include that information, the findings, the  
14 conditions, to the extent we can during our  
15 preparation of the Final Environmental Impact Statement.

16  
17 It's really going to depend when that  
18 permit is issued final, but we would discuss it in  
19 Chapter 3 and we would evaluate its implications, if  
20 it's available in time. So it's really going to be  
21 a timing issue for us, as Butch indicated.

22 But we are aware that that draft permit  
23 is out. We've looked at the fact sheet and we are  
24 aware of the draft conditions. But until its issued  
25 as final, it's really not something that we can

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1 consider. It's just emerging information.

2 MR. MUSSATTI: Okay. I think we've  
3 covered that topic fairly thoroughly now. I would  
4 like to move on to the --

5 MS. RIPPINGALE: Excuse me. I have a  
6 question.

7 MR. MUSSATTI: Okay.

8 MS. RIPPINGALE: It's a process question.  
9 I have reviewed the entire EIS that was provided and  
10 actually have a copy if it here, so I'm well prepared  
11 to comment on that.

12 But this comment has to do with process.  
13 In reading it I notice that you use the small to  
14 moderate standard and then I looked down at the  
15 footnote, which is B, and it said that it's moderate  
16 now but you expect it to be small at a later date  
17 because of the extraction well system that FP&L is  
18 using in order to clean up the site, clean up, retract  
19 and stop the plume that's already almost 5.5 miles  
20 off the plant site, in violation of the NPDES permit.

21 So what I'm saying to you is, why are you  
22 predicating your decisions in that EIS on a system  
23 that is experimental and is not necessarily going to  
24 work, because you're relying on what FPL says that  
25 it's going to work.

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1           No one knows, including DERM, whether  
2           that's going to work. So why would you put that in  
3           the EIS and base your decision to either rate it  
4           moderate or small in the future on that system? Thank  
5           you.

6           MR. MUSSATTI: Okay. I would suggest  
7           that you put that in a form of a comment to us, so  
8           that we have a clear understanding of it, what it is  
9           that you're asking us exactly, so that we can address  
10          it in the Final.

11          It sounds like there's a conflict between  
12          what you've read and how it's being interpreted, so  
13          perhaps we can clarify that for you in the comment  
14          section.

15          But this is -- we're starting to get into  
16          the Environmental Impact Statement world and out of  
17          the process world, when we're talking about these  
18          things.

19          And we do need to move on. I've got a  
20          little bit more than an hour to handle all the people  
21          that are going to be speaking here on the record.

22          So, I would like to take this time to  
23          move to the final section of this meeting, which is  
24          the public comment section. And if we have time at  
25          the end, I will open it up in kind of a round robin

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1 kind of a way to anybody that wanted to speak but did  
2 not have an opportunity to fill out a card or somebody  
3 that would like to ask another question on a topic  
4 that is more process related, anything like that.

5 But let's get to the meat of meeting and  
6 see if we can actually achieve our objective by  
7 starting with the public comments.

8 I'd like to start by asking two people  
9 that have come here to be prepared to speak first.  
10 They're very busy people. I know everyone else is  
11 here too as well.

12 But these are actually people that have  
13 been elected by you or appointed by you to be able to  
14 help you with your daily business.

15 My first speaker is Daniel Horton-Diaz  
16 and he is affiliated with Congresswoman -- you're  
17 going to have to pronounce her name.

18 MR. HORTON-DIAZ: Mucarsel-Powell,  
19 Debbie.

20 MR. MUSSATTI: Okay. Would you please  
21 come up and grab a microphone from me.

22 MR. HORTON-DIAZ: Good afternoon,  
23 everyone. Thank you again. We appreciate you coming  
24 and having us here today. Thank you for your time.

25 My name is Daniel Horton-Diaz. I'm the

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1 District Chief of Staff for Congresswoman Debbie  
2 Mucarsel-Powell. She represents Florida's 26th  
3 Congressional District, which includes Homestead and  
4 the Florida Keys.

5 We have a very short statement prepared,  
6 so thank you for your time.

7 We are following this issue very closely.  
8 As you can see it's very important to people in this  
9 District, and we are concerned that it presents a  
10 risk, not only to our water supply and therefore our  
11 resiliency, but also to the health and beauty of our  
12 natural resources and the local economy that depends  
13 on them.

14 Our National Parks and the Marine  
15 Sanctuary are treasures we need to protect for future  
16 generations.

17 It is clear that the cooling canals of  
18 Turkey Point are not a closed loop system, as was  
19 required back in the early '70's, and now we have 10  
20 years of data to show it's impacting all of us.

21 We ask that the NRC if you do decide to  
22 move forward with re-licensing this facility, a  
23 condition must be placed on that license. You must  
24 require the system to be a closed loop facility, as  
25 it was originally permitted to be, to protect our

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1 water supply and resiliency plans that are taxpayer  
2 funded, such as Everglades Restoration Projects  
3 underway in the area.

4 Please keep our office informed at every  
5 step of this process and we do plan to send written  
6 comments shortly. Thank you. Congresswoman Debbie  
7 Mucarsel-Powell, Florida's 26th Congressional  
8 District. Thank you.

9 MR. MUSSATTI: Okay. And if I could have  
10 that as well, or a copy of it, we'll put that in the  
11 record.

12 MR. HORTON-DIAZ: I'll send you a copy of  
13 it.

14 MR. MUSSATTI: You're going to send a  
15 copy. Okay.

16 And our next speaker would be Kerry  
17 Black. She is with the South Dade Chamber.

18 MS. BLACK: Good afternoon. My name is  
19 Kerry Black, I'm the CEO of the South Dade Chamber of  
20 Commerce. I just have a statement to make.

21 As a community we are proud to have Turkey  
22 Point in our back yard, because it supports FPL's low  
23 emissions profile, which is 30 percent cleaner than  
24 the industry average.

25 The two Turkey Point nuclear generating

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1 units, known as Units 3 and 4, produce zero emissions  
2 and generate clean energy around the clock for  
3 millions of Floridians.

4 Operations at Turkey Point are estimated  
5 to generate nearly \$1.7 billion of total economic  
6 output annually with \$740 million at this outfit right  
7 here in Miami-Dade County.

8 It's clear that FPL has already invested  
9 extensively to this facility. We in Homestead  
10 experience the phenomenon known as the refueling  
11 outage every so often. During these projects, the  
12 plant equipment is upgraded and more than 1,000  
13 additional employees are hired at the site,  
14 benefitting surrounding local businesses.

15 FPL continues the process of renewing the  
16 operating license for Units 3 and 4, through 2052 and  
17 2053, as part of an application with the U.S. Nuclear  
18 Commission -- Regulatory Commission.

19 If granted, this extension would support  
20 billions of dollars in savings to -- for FPL customers  
21 by avoiding the need for other more expensive power  
22 generation. It would also be a major asset to the  
23 South Miami-Dade economy in the way of tax benefits  
24 as well as secure, high paying jobs.

25 It would also mean local businesses can

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1 count on continued support from FPL and its employees  
2 as a vital part of an economic stability in our  
3 community.

4 MR. MUSSATTI: Okay, thank you. Are you  
5 planning on turning that in as a written form as well.

6 MS. BLACK: Yes.

7 MR. MUSSATTI: Okay. Great. I invite  
8 both of you people who have jobs being representatives  
9 to us to stay as long as you possibly can at the  
10 meeting, but I wanted to facilitate your being able  
11 to speak and do your jobs by letting you go first,  
12 and you're welcome.

13 Next I have Tom Schievelbein or  
14 Schievelbein?

15 MR. SCHIEVELBEIN: Schievelbein.

16 MR. MUSSATTI: Schievelbein. I had  
17 another shot at it and missed it. And you're next.  
18 It's not fair, you've got an ie and an ei both in  
19 your name.

20 MR. SCHIEVELBEIN: Well, blame it on the  
21 Germans, I guess.

22 My name is Tom Schievelbein, S-c-h-i-e-  
23 v-e-l-b-e-i-n. And I'm a resident of Key Largo.

24 So first let me say that I do have a  
25 passing experience with nuclear power. I have a

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1 degree in nuclear engineering, a Master's Degree, but  
2 more importantly I was the president of the largest  
3 shipyard in the United States that deals with  
4 radiological issues including fueling of carriers,  
5 de-fueling, spent fuel and then re-fueling again.

6 So I do have a passing familiarity with  
7 nuclear power. I also think that nuclear power is  
8 critical to our future in terms of energy.

9 Having said that, as the president of the  
10 yard there were two things that were important. One  
11 was the discipline to make sure that everything we  
12 did was safe and according to the rules that we had.

13 And the reason for doing that is to make  
14 sure there were no accidents, but more importantly  
15 the local community, to be supportive of us, had to  
16 trust that that's exactly what we were going to do.  
17 And they did, because I would have sometimes upwards  
18 of 12 operating reactors inside the city limits.

19 My comments on the Turkey Point 3 and 4  
20 are specifically, I saw that it was moderate to small  
21 impact. I happen to believe on the groundwater that  
22 it's more than small. I think it's at least moderate  
23 or more.

24 And so I urge the NRC to look more fully  
25 at the cooling towers because that would, at least in

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1 my case, improve my trust in the operation of those  
2 plants.

3 Without it, I think that the groundwater  
4 issue is going to continue to be an issue, and I don't  
5 believe that you can have discipline on one side,  
6 meaning the reactor, and not discipline on the balance  
7 of plant.

8 So I urge the NRC to require the cooling  
9 towers when you issue the permit to extend the life  
10 of those reactors. Thank you.

11 MR. MUSSATTI: Okay. Thank you very much  
12 for that comment.

13 Barbara Pierce, from the League of Women  
14 Voters.

15 MS. PIERCE: I'm supposed to be on this  
16 side.

17 MR. MUSSATTI: Anywhere you want.

18 MS. PIERCE: Good afternoon. My name is  
19 Barbara Pierce. I'm a member of the Board of  
20 Directors of the League of Women Voters of Miami-Dade  
21 County.

22 While the League is a non-partisan  
23 organization devoted to voter engagement and  
24 education, we do advocate on issues that we consider  
25 important. Environmental protection and potable

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1 drinking water are among them.

2 The League, together with other community  
3 leaders, has been following FPL's persistent attempts  
4 to renew its Turkey Point cooling canals permit for  
5 more than two years now.

6 We're deeply concerned by the  
7 environmental and economic impact these cooling  
8 canals are having on Biscayne Bay and on Biscayne  
9 aquifer, Miami-Dade's only source of drinking water.

10 Even more concerning is FP&L's apparent  
11 lack of concern for the health and welfare of the  
12 community and its own customers.

13 Turkey Point's cooling canal system has  
14 been leaking nutrient-rich hyper-saline water into  
15 surrounding waters for over 30 years, dumping 3  
16 million pounds of salt per day into Biscayne Bay and  
17 Biscayne aquifer.

18 As a result, 80 percent of Biscayne Bay  
19 seagrass and 50 percent of Biscayne aquifer have been  
20 destroyed. To repeat, Biscayne aquifer is Miami-  
21 Dade's only source of drinking water.

22 FP&L Turkey Point has now applied for a  
23 permit renewal that will add another 30 years to their  
24 right to pollute the waters of South Florida. It is  
25 estimated that if FP&L Turkey Point continues

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1 operation of its cooling canals our drinking water  
2 supply would be unusable with 5 to 20 years.

3 It is equally concerning that FP&L is  
4 requesting permission from the Nuclear Regulatory  
5 Commission to renew a nuclear facility that is  
6 antiquated and highly vulnerable to sea level rise  
7 and storm surge.

8 FP&L clearly has the ability to implement  
9 sounder, safer, more sustainable methods to provide  
10 electricity to our community.

11 On behalf of our community, the League of  
12 Women Voters urges the NRC to impel FP&L to implement  
13 one of these alternative methods going forward.

14 Thank you. And I will provide that.

15 MR. MUSSATTI: Okay. Thank you.

16 MS. PIERCE: I've marked it up in the  
17 process.

18 MR. MUSSATTI: Yeah, there's a lot of  
19 edits on there.

20 MS. PIERCE: Okay. Thanks.

21 MR. MUSSATTI: All right. Our next  
22 speaker is Eileen Mullray. She is part of the Card  
23 Sound Sailing Club.

24 And to make it easier on everybody, while  
25 Eileen is up here, let's ask Ruth Perfido to be on

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1 deck.

2 MS. PERFIDO: Yes.

3 MR. MUSSATTI: Okay.

4 MS. MULLRAY: Good afternoon. My name  
5 is Eileen Mullray, with two L's.

6 I concur with the speakers before me that  
7 are requesting that a closed loop system be installed.  
8 It's vitally important for our aquifier, for our  
9 drinking water, and for the marine life in Card Sound,  
10 where we spend a lot of time fishing and sailing, and  
11 for the future of our life in our community. Thank  
12 you.

13 MR. MUSSATTI: Thank you very much.  
14 Ruth, did --

15 MS. PERFIDO: I'll send written comments.

16 MR. MUSSATTI: Okay. You're just going  
17 to submit written comments based on what you've  
18 already said earlier? Very good. Thank you.

19 Then I'm looking for Frank Morton? Frank  
20 Morgan. Let me bring this back to you, Frank.

21 MR. MORRA: Good afternoon. My name is  
22 Frank Morra. My last name is spelled M-o-r-r-a, for  
23 the record.

24 I have to agree with the representative  
25 from the League of Women Voters, and my other concern

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1 has to do with housing.

2 This part of the County is where the  
3 greatest growth in housing is occurring in Miami-Dade  
4 County, and that's largely driven by the cost of  
5 housing everywhere else in the County.

6 And as a consequence you're going to have  
7 more people that are going to be relying on  
8 electricity and also on water. And it's very  
9 important, it's critical that we get this right.

10 I mean we have a plume that is growing  
11 about a foot a day, and this has been going on for 30  
12 years, and we need to make sure this is taken care  
13 of.

14 And frankly, I think that FP&L should  
15 assume the cost in cleaning this up, because they've  
16 got the money to do it. Thank you.

17 MR. MUSSATTI: Okay. Thank you very  
18 much. Rachel Silverstein, stein.

19 MS. SILVERSTEIN: Hello. My name is  
20 Rachel Silverstein and I'm the Executive Director and  
21 Waterkeeper of a local non-profit group called Miami  
22 Waterkeeper. We advocate for swimmable, drinkable  
23 and fishable water for all here in South Florida.

24 We have a lot of concerns about the  
25 operation of Turkey Point and the continued operation

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1 of Turkey Point into the future. We're going to be  
2 submitting extensive technical comments.

3 But today I'm going to ask some questions  
4 of all of you that hopefully can help us address  
5 specifically regarding the sea level rise issue.

6 So we were a bit concerned and confused  
7 why the analysis of sea level rise at the site was  
8 just incorporated by reference from the EIS for Units  
9 6 and 7, which have different elevation levels,  
10 different cooling system, and it doesn't seem  
11 appropriate to apply that specifically to what we're  
12 dealing with here with running Units 3 and 4 with a  
13 cooling canal system.

14 And largely the discussion of sea level  
15 rising in that EIS was somewhat limited to a footnote  
16 in that EIS as well. So we have a lot of concerns  
17 there.

18 We are also wondering whether the sea  
19 level rise projections that you guys are you using  
20 are covering the entire life span of this plant, under  
21 the new time line running through decommissioning.

22 We're also a bit confused whether the  
23 storage of waste on site is being considering with  
24 respect to sea level rise and potential flooding risk.  
25 I know that the storage of waste is considered at all

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1 plants, however in this particular place there's an  
2 extra vulnerability with the flooding risk and sea  
3 level rise.

4 And we're also wondering why you didn't  
5 choose to rely on your sister Federal expert agencies  
6 sea level rise projections and instead you used those  
7 provided by FPL. So it seems like you should be  
8 using other Federal agencies sea level rise  
9 projections at a minimum, and then using the most  
10 conservative of those because of the risk with  
11 potential flooding at this site and the potential  
12 harm that could be done by flooding at the site as  
13 well.

14 And finally, I'd like to ask that you  
15 commit to uphold best available science standard  
16 through this NEPA review, particularly with respect  
17 to sea level rise caution using the best available  
18 projections.

19 So, thank you. And again we'll submit  
20 more extensive comments on a variety of issues later.  
21 Thank you.

22 MR. MUSSATTI: Thank you very much.

23 Okay. Our next speaker is Caroline  
24 McLaughlin. She's from the National Parks.

25 MS. MCLAUGHLIN: Caroline Parks on behalf

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1 of the National Parks Conservation Association, not  
2 the National Park Service.

3 So I'm here today on behalf of our more  
4 than 1.3 million members and supporters around the  
5 country to express our strong concerns with the  
6 analysis and conclusions made by the NRC as part of  
7 the Environmental Impact Statement.

8 For decades the antiquated cooling canal  
9 system at Turkey Point has been releasing  
10 contaminated hyper-saline water into the underlying  
11 aquifer. And that's been moving west towards the  
12 well fields that supply drinking water for millions  
13 and east into Biscayne National Park.

14 This is nothing new, right? So FP&L is  
15 currently now working with Miami-Dade County and  
16 Florida's Department of Environmental Protection to  
17 clean up the pollution and prevent it from recurring  
18 in the future.

19 However these remediation efforts have  
20 just begun and there's no hard evidence or data at  
21 this point in time that conclusively shows that these  
22 efforts will be successful.

23 Now FP&L is looking to extend the  
24 operating license of its two nuclear units, Units 3  
25 and 4 and by design to continue to operate the cooling

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1 canal system. The Environmental Impact Statement  
2 that analyzes the impacts of this re-licensing is  
3 fundamentally flawed in its conclusions and in the  
4 alternatives it considers.

5 The analysis concludes that FP&L should  
6 receive a license renewal, which of course assumes  
7 that the cooling canal system will continue to  
8 operate, because the environmental impacts will be  
9 mostly small or occasionally moderate.

10 However, if these conclusions are based  
11 on the assumption that FP&L will be successful in  
12 meeting the terms of its agreement with Miami-Dade  
13 County and with the State of Florida and that  
14 pollution from the canals will cease and be cleaned  
15 up.

16 It treats this assumption as though it's  
17 a foregone conclusion even though it's based only on  
18 models provided by FP&L. The remediation efforts  
19 that are set to take place over a 10 year time frame  
20 only began last year.

21 At this time there is no hard data or  
22 evidence that conclusively indicates that FP&L will  
23 be successful in cleaning up that pollution.

24 Under a different scenario, what happens  
25 if their remediation efforts don't work and the

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1 cooling canals continue to pollute the surrounding  
2 environment? What would the environmental impacts of  
3 that scenario look like?

4 We don't know because an assessment of  
5 that scenario is not included in this Environmental  
6 Impact Statement. NPCA as an organization strongly  
7 hopes that the remediation efforts will in fact be  
8 successful.

9 However, until there is strong data or  
10 science to back up that assumption, it's absolutely  
11 premature for NRC to be issuing the recommendation on  
12 whether or not to re-license these units.

13 Thank you.

14 MR. MUSSATTI: Okay. And please don't  
15 forget to submit that to us in writing.

16 All right. Mary Bloom. She is with the  
17 Bonefish Bonnies.

18 MS. BLOOM: Yes. Thank you.

19 MR. MUSSATTI: Is that fly fishing or  
20 sport?

21 MS. BLOOM: Both.

22 MR. MUSSATTI: Both? Oh, good for you.

23 MS. BLOOM: Good afternoon. My name is  
24 Mary Bloom. I'm president of the Bonefish Bonnies.  
25 We are a 20 year old women's fishing club at Ocean

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1 Reef in North Key Largo.

2 We are 197 members strong. All of us are  
3 dedicated to the joys of angling and sharing that joy  
4 with more and more women and in conserving what we  
5 have and what we're in the process of losing.

6 I wanted to say, I've been hearing a lot  
7 about Miami-Dade County and specifically the  
8 economics of what FPL is doing for Miami-Dade County.

9 But when looking at these cooling canals,  
10 and the degradation of the Bay and the aquifer, we  
11 have to remember that so many people in Monroe County,  
12 which includes all of the Florida Keys, are going to  
13 be terribly impacted if the cooling canals continue  
14 to operate.

15 So please, we need to revisit your  
16 statement on that.

17 Yes, it is in fact a truth that the  
18 crocodiles have benefitted from those cooling canals.  
19 But the ever increasing human population in the Keys  
20 and South Miami-Dade and all of Miami also have to be  
21 taken into account, what's happening; our drinking  
22 water, our recreation, the environment.

23 And again, someone has talked about sea  
24 level rise. It's true that if I understand reactors  
25 3 and 4 are 20 feet above sea level. But one document

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1 I ran across said that the cooling canals themselves  
2 range from only 3.7 feet above sea level to 8.7 feet  
3 above sea level.

4 I've always felt very strongly about  
5 this. I've been hearing about it for the 20 years  
6 that I've been down here. But just a month ago I had  
7 the opportunity, we flew over the cooling canals and  
8 I'd like to give you these photos.

9 I'm hoping that all of you have either  
10 seen photos or if you've had the chance to fly over  
11 it and see the extent to all, almost 6,500 acres of  
12 this muddy, dead water, that not only the salt is  
13 seeping into our aquifer, but it's just literally,  
14 you can see how close -- there's a small strip of  
15 land that prevents this from entering Biscayne Bay.

16 So, I thank you very much for listening  
17 to me. And in closing I'd like to say that although  
18 FP&L claims it's addressing the leakage, the past  
19 five and the current sixth plan that they're using  
20 has not addressed the source of the problem and that's  
21 the flawed cooling canal design.

22 Thank you very much.

23 MR. MUSSATTI: Okay. Thank you. Please  
24 make sure that we get a copy in an electronic form of  
25 those pictures if we're going to have them on the

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1 record accurately.

2 MS. BLOOM: Thank you. I'll do that.

3 MR. MUSSATTI: Okay. Very good. Next  
4 we have Caroline's good friend, Stacie Schulman, from  
5 the National Parks Conservation Association.

6 MS. SCHULMAN: Hi. I'm Stacie Schulman  
7 and I'm Marine Fellow for the National Parks  
8 Conservation Association.

9 Turkey Point's geographic location makes  
10 it particularly susceptible to sea level rise and  
11 storm surge impacts. Under even the most optimistic  
12 sea level rise projection by the U.S. Army Corps of  
13 Engineers, Turkey Point and parts of the cooling  
14 canals will be inundated by 2040. This is 13 years  
15 before the end of the reactor's operating life under  
16 the re-licensing for Units 3 and 4.

17 The supplemental EIS unfortunately does  
18 not include any analysis on future sea level rise  
19 projections and does not discuss measures to account  
20 for the near certain impacts from sea level rise,  
21 impacts that we're going to see during the life of  
22 the plant operations. The analysis is inadequate at  
23 assessing the full scope of the environmental impacts  
24 associated with re-licensing Units 3 and 4. Thanks.

25 MR. MUSSATTI: Okay. Thank you. We've

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1 got approximately, just short of 45 minutes before  
2 this is scheduled to end, and I've got just about a  
3 half a dozen more comment cards here from people that  
4 want to speak. So if you haven't spoken, you might  
5 want to start thinking about whether you would like  
6 to be called on at the end, because we may have a  
7 little bit of time depending on how long Steve  
8 Friedman takes. Steve.

9 MR. FRIEDMAN: Not long.

10 MR. MUSSATTI: Not long? Okay.

11 MR. FRIEDMAN: Thank you. My name is  
12 Captain Steve Friedman, F-r-i-e-d-m-a-n. I'm the  
13 Commodore of the Florida Keys Fishing Guides  
14 Association. We're based out of Islamorada in the  
15 Florida Keys.

16 It's also one of the oldest conservation  
17 organizations in the State of Florida. It was  
18 established in 1956. So the fact that we're talking  
19 about a nuclear facility outside of a National  
20 Marine Sanctuary, a National Park is very much up our  
21 alley.

22 And sadly you don't hear from people like  
23 me very much because, well, you're doing this right  
24 the middle of the day when we're out. The fact that  
25 I'm not out today, you can look outside, and that's

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1 I'm here, during one of the busiest times of the year,  
2 to give my voice and opinion of not just my  
3 organization. But I want you to imagine millions of  
4 people behind me, just the people that have spoken in  
5 this room this afternoon, represent the millions of  
6 people in this area.

7 So I really want you to think long and  
8 hard on that as you sit through these meetings, after  
9 meetings after meetings and then go and analyze this  
10 data, really what we're impacting here.

11 Even though this is my busiest time of  
12 year, I'm here because there is no doubt that there  
13 is a loss of seagrass and increased salinity that has  
14 occurred from the operation of this nuclear facility,  
15 which is impacting my livelihood.

16 I hope that people will find it  
17 incredibly alarming as far as I understand it, that  
18 this is the only nuclear facility in the world that  
19 has a cooling canal system.

20 Is that right? Can anybody else? Is  
21 that wrong?

22 That's incredibly alarming. So the fact  
23 that we are even considering issuing a permit to  
24 continue this, is absolutely ludicrous and I hope  
25 that you think long and hard on it.

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1                   So this is a known fact, that commonly  
2                   important species are diminished to disappear over  
3                   time as salinity increases.

4                   We also know that nutrients are so high  
5                   in the plume that it is also changing the near shore  
6                   environment of Turkey Point which is in a National  
7                   Park and a National Marine Sanctuary.

8                   So just to finish up. I want you to know  
9                   that the millions of people that are standing with me  
10                  right now, do not agree with the findings, with your  
11                  findings on the adverse effects to the Fishing  
12                  Department and you must deny this application. Thank  
13                  you.

14                  MR. MUSSATTI: Okay. Thank you very  
15                  much. You may have noticed that the microphones are  
16                  starting to kick in and out. I think the little  
17                  bunny that's inside here is not beating his drum very  
18                  well and we're losing battery power.

19                  So we do have an alternative if these  
20                  microphones die out on us, but we'll soldier on ahead.

21                  Bonnie Ripplingille, is that correct?

22                  MS. RIPPINGILLE: Yes. Just a minute.  
23                  I have to find my --

24                  MR. MUSSATTI: No Bonnie?

25                  MR. STREIT: I'm the next person and then

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1 I'll go because I have to --

2 UNIDENTIFIED SPEAKER: She's trying to  
3 open a file.

4 MR. MUSSATTI: Okay. Well, we will move  
5 on to somebody else then and come back to you.

6 Curry Strar? I'm having a hard time  
7 reading this here. Curtis Strar.

8 MR. STREIT: Chris Streit.

9 MR. STREIT: Chris Streit.

10 MR. MUSSATTI: It might be the fact I'm  
11 not wearing my glasses, too. Here you go, sorry  
12 about that.

13 MR. STREIT: So it's Chris Streit. I'm  
14 a resident of Key Largo and I'm also the Commodore of  
15 the Ocean Reef Yacht Club ,of which I'm a local  
16 yachtsman and I represent 245 members and their  
17 respective spouses and significant others, so it's  
18 probably double that number or more.

19 We think that the canal system should be  
20 eliminated and that we should move ahead with a closed  
21 system. Those are my comments.

22 MR. MUSSATTI: Okay.

23 MR. STREIT: Thank you.

24 MR. MUSSATTI: Thank you very much.

25 Laura Reynolds. Laura first.

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1 MS. REYNOLDS: (Off microphone.)

2 MR. MUSSATTI: You can give them to our  
3 project manager. And we're not going to hand out  
4 stuff to everybody in the room or anything like that.

5 MS. REYNOLDS: Well, it's good to look at  
6 it while I'm talking. Can we do that?

7 MR. MUSSATTI: No, I'm sorry. We don't  
8 have the audio visual to be able to handle that and  
9 record it.

10 MS. REYNOLDS: That's why I made copies.

11 MR. MUSSATTI: Please move ahead.

12 MS. REYNOLDS: Can we have them look at  
13 it?

14 MR. MUSSATTI: No, we're not going to  
15 pass them out in the room.

16 MS. REYNOLDS: No, no, no. These folks  
17 here. These 10 folks right here.

18 MR. MUSSATTI: Just to the front table?

19 MS. REYNOLDS: That's what I'm talking  
20 about. Yes. Since there's only 10 copies, one for  
21 each member.

22 Thank you for doing that. I appreciate  
23 it.

24 Laura Reynolds, and I'm here representing  
25 the Florida Keys Fishing Guides Association. And a

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1 year ago I was representing Southern Alliance for  
2 Clean Energy. I'm not representing them now because  
3 they have stayed the Clean Water Act case.

4 But I have been working on this since  
5 2006 and I believe the information I have is very  
6 pertinent to your decision, and I want to make sure  
7 that you have a copy of it.

8 So since a year, we have discovered new  
9 information and I think everybody's comments just  
10 about start to capture that.

11 We have discovered dead zones of seagrass  
12 in the near shore area of Turkey Point, especially  
13 near the Arsenicker's. We put this information  
14 together in a poster that we just presented at the  
15 Greater Everglades Environmental Symposium.

16 And I hung it in the back of the room and  
17 I've given you a copy of that. So the reason this is  
18 important is it shows definitive evidence that 30  
19 percent of the time the cooling canal system is  
20 failing to protect surface waters of the United  
21 States.

22 And that means that through groundwater  
23 it's seeping up into the seagrass, adding nutrients,  
24 salinity and creating a plume in Biscayne National  
25 Park and the Marine Sanctuary.

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1                   Why is that important? Because you --  
2                   well, not you, but the permitted facility was supposed  
3                   to be a closed loop system on all sides.            To  
4                   date there have not been definitive evidence to show  
5                   you exactly what that's doing to the environment and  
6                   I'm here to tell you that seagrass holds that  
7                   information for a very long time.

8                   So you can actually take a seagrass  
9                   blade, test it for nutrients, you can test pour water,  
10                  and it tells you exactly what's happening there.

11                  So we've finally been able to put that  
12                  information together since the Scoping Meeting after  
13                  we discovered those dead zones, and now you can see  
14                  from the image. In the bottom left hand corner, you  
15                  can see the outline of the plume and how it's  
16                  impacting two National protected entities, the Marine  
17                  Sanctuary and the National Park.

18                  And why does this sort of change the eco  
19                  system? Because as you add nutrients, the seagrass  
20                  actually increases in density and eventually die.  
21                  That's already happening now.

22                  And so what that does, is it will diminish  
23                  how the fish and wildlife are able to survive. Why  
24                  is that important? Because all of the fishing guides  
25                  that are here and all of the people that depend on

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1 the resources of Biscayne National Park and the Marine  
2 Sanctuary, are impacted.

3 That has an economic value that your  
4 Environmental Impact Statement had not captured at  
5 all. This is not a low risk, it's not a moderate  
6 risk, this is a high risk.

7 And in fact, you cannot continue to  
8 operate this system without causing a great impact.  
9 And that's just to the east. And the reason I'm  
10 focusing on the east is because there's less  
11 information there.

12 It's very clear that to the west -- and  
13 by the way, I've just looked at the well data to the  
14 west. There is Florida Keys Aquaduct Authority that  
15 has several wells that track the movement of this  
16 plume.

17 I just looked them up. The well that  
18 they put in recently, last year, Well 14 has shown  
19 that within a year, the plume has moved beyond that  
20 well. They just put it in and they put it in a  
21 location where the plume was not there.

22 And if you know anything about science,  
23 you know that ionic concentrations of high  
24 concentration move to a lower concentration. So this  
25 plume will not stop moving. 15 million gallons a day

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1 of extraction wells is not going to stop it. That's  
2 a fact. It just can't. It will go until the in  
3 concentration settles out. And where is that? The  
4 Everglades. It's going to keep moving west.

5 Now one of the solutions in the  
6 remediation plan is to add a whole bunch of fresh  
7 water to the cooling canal system. If you do that,  
8 you increase the driving head of the cooling canal  
9 system and what will happen is more of the time it  
10 will seep out everywhere around us, flushing the  
11 pollution everywhere around us.

12 So I ask you, how can you permit a new  
13 20-year license extension without a closed loop  
14 system? So I'm sorry, I don't want to hear -- well,  
15 the NRC can't consider that.

16 You have to consider it. It's the only  
17 thing to consider. And so if you're thinking about  
18 approving this, you have to consider the cooling  
19 system.

20 If you're going to deny it, I guess you  
21 don't have to worry about it. Thank you.

22 MR. MUSSATTI: Okay. Would you please  
23 make sure that we get a PDF copy of these items that  
24 you had given to us in hard copy?

25 MS. REYNOLDS: Yes.

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1 MR. MUSSATTI: So that we can make sure  
2 they get onto the record.

3 MS. REYNOLDS: And there's a larger  
4 poster in the back of the room and an abstracts.

5 MR. MUSSATTI: The poster is in the back  
6 of the room and abstracts that you have as well.

7 Was that Bonnie? That was Bonnie?  
8 You're Bonnie. You're ready for us.

9 MS. RIPPINGILLE: Where's the hand held  
10 one?

11 MR. MUSSATTI: Oh, I'm not giving it to  
12 you.

13 MS. RIPPINGILLE: Thank you.

14 MR. MUSSATTI: Sorry.

15 MS. RIPPINGILLE: I'd rather use that  
16 one, yeah, so I can walk around.

17 Good afternoon. It's nice to be here  
18 again. Hello to some of you that were here the last  
19 time that we were able to speak to you and thank you  
20 for your service.

21 You are the stewards of our environmental  
22 health and also our nuclear program in the United  
23 States. And we are asking you, imploring you to  
24 exercise your stewardship without regard to lobbying  
25 by FPL and other entities to advance their interests

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1 in not replacing the cooling canal system.

2 I had the pleasure at the Everglades  
3 Foundation meeting of meeting Nathaniel Reed and of  
4 course being an environmentalist now as well as a  
5 lawyer, I immediately went up him and I said, "Hello,  
6 how are you?"

7 I had a great introduction and I said I  
8 have a question for you and I said, "You were one of  
9 the architects of the original permit for this  
10 facility, the cooling canal system. What's your  
11 opinion now with respect to these cooling canals?"

12 And the answer was, they need to be  
13 replaced. Now granted, that's hearsay. But that's  
14 what he said to me and I'm a former judge and a member  
15 of the Bar and I'm representing my club and the club's  
16 environmental committee, and that was his statement  
17 in connection with his service on the Everglades  
18 Foundation. So I would be remiss in not telling you  
19 that.

20 As we know, FPL is filing for a 20 year  
21 extension to their nuclear plant, which would make  
22 them the oldest in this country and there's no history  
23 of operation so you don't have any experiential  
24 history to go by as to the safety of the operation of  
25 that plant.

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1                   There's models, there's a committee that  
2                   has done a risk analysis, but all of that is in the  
3                   EIS, if you want to read it.

4                   My concern and after speaking to Mr.  
5                   Schielbein, who happens to be a member of my club --

6                   MR. MUSSATTI:   Bonnie, you need to keep  
7                   the microphone closer to your mouth.  It's getting  
8                   harder to hear you.

9                   MS. RIPPINGILLE:  Oh, how many minutes do  
10                  I have?

11                  MR. MUSSATTI:  Pardon?

12                  MS. RIPPINGILLE:  How much time do I  
13                  have?

14                  MR. MUSSATTI:  You have a little time.  
15                  How much have you got?

16                  MS. RIPPINGILLE:  About five minutes.

17                  MR. MUSSATTI:  Okay.  Five is long, so.

18                  MS. RIPPINGILLE:  Well, I'll try.

19                  So anyway, as you know, the plant was  
20                  designed in the 60's.  Our position is that it's  
21                  antiquated antique plant and the industrial waste  
22                  water site on the plant happens to be the cooling  
23                  canal system.

24                  For those of you that don't know about  
25                  the licensing, it's licensed as an industrial waste

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1 water plant. It's open. It's unlined. It's close  
2 to the Bay. It gets overrun by the waters of Biscayne  
3 Bay and the gunk inside gets washed out during violent  
4 storms, in particular the last one that we had which  
5 was Irma.

6 So it does have a connection with the Bay  
7 as well as a hydrological connection through the  
8 limestone that encases the Biscayne aquifer, our sole  
9 source of drinking water.

10 So with the Everglades to the west,  
11 outstanding Federal waters to the east, we have a  
12 problem. And you heard Ms. McLaughlin from the Park  
13 system. They are an agency that has to be consulted  
14 with regarding whether or not this permit should be  
15 granted and she's saying that we need the cooling  
16 canal system eliminated and the cooling towers, and  
17 we totally agree.

18 The plant, which was designed in the  
19 '60s, hasn't worked for more than 30 years. And  
20 you've had other people in authority, other agencies  
21 speaking on that, the National Parks Conservation  
22 Association and the Biscayne Bay National Park.

23 So there was a situation where the water  
24 in the cooling canals has heated up during periods of  
25 intense heat, specifically in the summer. Algae is

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1 covering the canals and acting as a thermal blanket.

2 Those canals cool the reactors. If  
3 they're not cooling the reactors then the reactors  
4 would have to be shut down. So this is why Laura  
5 Reynolds referred to the use of massive amounts of  
6 Floridan water to freshen or cool and desalinize these  
7 cooling canals.

8 To date, because FPL speaks regularly at  
9 our association in Ocean Reef -- today, Mr. Sole  
10 admitted that he still doesn't have those canals down  
11 to the proper salinity, which is supposed to be the  
12 salinity of the Bay.

13 And they're not there yet and they've  
14 been as high as three times saltier than sea water.  
15 And that's why everything died. Everything in the  
16 cooling canal system died.

17 And so the nutrients that were left  
18 behind formed a toxic hypersaline plume as well as  
19 fueled the growth of algae and all of that is going  
20 west and going east. West through the aquifer, our  
21 sole source of drinking water and down through the  
22 limestone and into the Bay, when it's not washing  
23 over due to storms or tidal surges.

24 Anyway FPL is using water that should  
25 instead be used for critical Everglades restoration.

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1 Our Floridan supply of water in that Floridan aquifer,  
2 it's brackish water, it's not unlimited. It's fueled  
3 and recharged by water, rainfall from Northern  
4 Florida and Georgia. If it doesn't rain, it doesn't  
5 get refueled. So it's not unlimited.

6 The Biscayne aquifer, for your  
7 information, has already been allocated to agencies,  
8 Governmental agencies, different users, commercial  
9 users. It's not being allocated anymore. So the  
10 Floridan is the backup to that and the Floridan has  
11 to go through an RO process. And one of our speakers  
12 today from the North Utility District will talk to  
13 you about that. He's an expert in that system.

14 Anyway, so they're using this water that  
15 really was designed for the CERP, which is the  
16 Comprehensive Everglades Restoration Plan project,  
17 such as the Biscayne Bay Coastal Wetlands, which are  
18 very close to the plant. And they're using that  
19 water and that's in direct conflict with the CERP.

20 FPL must be required to use readily  
21 available treated municipal waste water for the  
22 nuclear plant. Well, they had a plan for that and  
23 they entered into -- in 2018 FPL visited us and told  
24 us, well, we're working on this waste water facility  
25 that we're going to do with Miami-Dade County.

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1 Well, guess what, folks. They don't have  
2 an agreement yet as to how the water needs to be  
3 cleaned and to what level it needs to be cleaned.

4 Miami-Dade is saying it has to be to non-  
5 degradation standards, and that is because the water  
6 is going into the Bay and outstanding Federal waters.  
7 That's why it has to be clean, almost to drinking  
8 water standards and that costs a lot of money and  
9 somebody else is going to address that after me.

10 Anyway, as Laura Reynolds said, the  
11 pumping of all this massive amount of water, into the  
12 cooling canals, has caused a surge. And as she said,  
13 I got the same information and actually I got it from  
14 her, the wells west now are showing that the plume is  
15 moving, which is shocking because we were told that  
16 they didn't have any evidence that it was not moving.

17 I'm not saying they were misrepresenting,  
18 because the evidence just came in. But the point is,  
19 the plume is moving and this system as Ms. McLaughlin  
20 told you, is not working and no one expects it to  
21 work.

22 This is FPL modeling, this is FPL  
23 stalling because they don't want to tie into their  
24 profits and have to put these cooling canals (sic)  
25 in. They know that they're appropriate.

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1 Trust me, they know. And they don't want  
2 to do it. And in this process that's going on, over  
3 35 years, starting in 1982, FPL has tried no less  
4 than five fixes on this plume situation and this  
5 seepage and leakage. And none of them have worked.

6 Now they're into the sixth fix and it's  
7 an experimental line of 10 extraction wells along the  
8 western side of the five mile link to the canal  
9 system, trying to pull back and stop the polluted  
10 hyper-saline water after it leaks into the aquifer.

11 They're not pulling it out of the cooling  
12 canals, they're pulling it out of the aquifer after  
13 it has been permitted over 30 years to leak into the  
14 aquifer.

15 Also, they've been permitted to draw all  
16 this water from the L-31, the brackish water in the  
17 Floridan, and I've already told you that's not an  
18 unlimited supply.

19 So with respect to WASD, which is Miami-  
20 Dade Water and Sewer, they're telling us, hey, I don't  
21 think that we're going to be able to do this deal.  
22 And this whole EIS is predicated -- is based upon the  
23 deal with Miami-Dade County.

24 Because otherwise they're going to be  
25 continuing to use Floridan water to freshen this

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1 system. The deal with Dade County was a Godsend if  
2 it worked, because Dade County was going to take all  
3 that sewage water that it's pouring into the outfill  
4 -- outfalls now, way out in the ocean. They're under  
5 order to stop doing that, by I think it's 2020.

6 Anyway, so they need a place for their  
7 sewage water. And it would be a good system and it's  
8 worked in other nuclear facilities, but the problem  
9 here is, it's going to require very expensive RO  
10 treatment.

11 So they're not sure they're going to do  
12 it. So this whole EIS, I keep reading Miami-Dade,  
13 waste water, will have water to freshen these canals,  
14 because they're saying that these extraction wells  
15 are going to continue now and into the renewal period.

16 So that's what they're planning. They're  
17 planning that they're going to leave those extraction  
18 wells in and they're taking that dirty water and  
19 they're injecting it down into the Boulder Zone. I'm  
20 not going to address that. But the point is, there  
21 is no evidence that this is working or that it will  
22 work.

23 And we have expert witnesses whose  
24 depositions and whose statements and affidavits have  
25 been filed with the NRC and they were filed last year

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1 when we came before them to talk to them about this,  
2 they were filed shortly thereafter. And they need to  
3 be taken into consideration because these are leading  
4 experts in hydrology, ecology, the leading expert on  
5 cooling towers is Bill Powers. His report is there.

6 We have shown, I believe, that this  
7 system will not work and the need for cooling towers.

8 Now one last thing and I'll stop.

9 Anyway, we've got a permit issue coming  
10 up now. The NPDES permit, for some of you who don't  
11 understand that, I'm sure most of you do, that has to  
12 be issued and it's -- it's been -- it hasn't been  
13 issued now for more than 10 years. And why? Because  
14 FDEP recognized that they weren't cleaning up the  
15 plant site and the pollution, and they didn't want  
16 redo the permit under the circumstances until they  
17 cleaned it up.

18 But now, in the last months of the Scott  
19 administration, the permit was issued, it's less  
20 restrictive than the current permit. It will -- it  
21 appears, and I think it will permit them to continue  
22 to pollute groundwater which is going into the Bay.  
23 The groundwater is the aquifer by the way -- I mean  
24 is the cooling canal, by the way, and it goes right  
25 into the Bay through the limestone.

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1           So if they grant the permit, and we hope  
2           all of you will come to the permit hearing which is  
3           May 7th at the Marriott Hotel, and listen to what  
4           they're saying and ask them questions about this.  
5           Because under their own administrative code rules,  
6           they are not permitted to backslide on these permits.

7           They can't, particularly where the -- the  
8           plant they are permitting is already in violation and  
9           has been in violation for more than 30 years.

10          So think about it. And we're going to be  
11          asking for an extension of that permit process and  
12          we're also going to be asking for the permit to engage  
13          the stakeholders, including the Park system and  
14          others, regarding this pollution.           And one last  
15          thing I want to say in response to the person from  
16          the Chamber of Commerce. If you read the EIS, you  
17          will see that the cooling tower solution has nothing  
18          to do with eliminating jobs in this County. Nothing.  
19          And I ask you to read it. Not only that, but it  
20          creates 1,200 new jobs, although they're temporary  
21          because it's going to take them a couple of years to  
22          build the cooling towers, but it has nothing to do  
23          with jobs. The jobs will continue. And so I don't  
24          want you to be misinformed.

25          And the other thing that I need to add is

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1 the American crocodile, when people say I don't want  
2 the American crocodile to be impaired and I know that  
3 the cooling canals keep them going.

4 The American crocodile is an endangered  
5 species, and right now we believe there may be grounds  
6 for an Endangered Species Act lawsuit for what's being  
7 done to the crocodiles, and all that's going to be  
8 addressed at a NEPA hearing, the National  
9 Environmental hearing that the NRC gave the  
10 petitioners, Friends of the Earth, National Resources  
11 Defense Council and Miami Waterkeeper, a full hearing  
12 on the alternative of the cooling canal system and  
13 also the issues related to the American crocodile.

14 So it's not over yet. Thank you.

15 MR. MUSSATTI: Thank you.

16 Albert Gomez.

17 MR. GOMEZ: Thank you, sir. Albert  
18 Gomez, resident, manufacturing expert.

19 My view is -- I'm also listed on the  
20 previous contentions and the judge for them and  
21 responded to them and stayed them. But six of my --  
22 four of my ten contentions were dismissed on format,  
23 the way I submitted them, not on the content of what  
24 was submitted. So I will be resubmitting them based  
25 on legal guidance, since I did pro se.

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1           So I need to -- I'm not a lawyer, I don't  
2 know the legalese on how to submit certain things and  
3 I have to maybe move away from, you know, driving  
4 passionate intro statements and just rely on fact.

5           And I will be doing that because the  
6 content was not addressed, it was simply addressed in  
7 a format concern and a lot of the content that I did  
8 address was one of the reasons why things are moving  
9 forward with other groups that are still on.

10          So I will be resubmitting in this comment  
11 format for this licensing agreement. So from a  
12 technical standpoint that's -- I'm leaving that in  
13 the comments period.

14          I will also be submitting a fly over that  
15 I did to Turkey Point and the canals and the  
16 surrounding region. I am not a scientist per se. I  
17 did study geology in college and environmental  
18 science, but that doesn't make me a scientist.

19          But it does give me a little bit of  
20 reference. And I did note environmental decay. I  
21 also noticed and the video documents that, a scary  
22 plume that intermittently emerged in one of the seven  
23 sounds directly south from the cooling canals.

24          It looked to me, based on my experience,  
25 like a high salt plume, actually extruding out and

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1 upward from a sand flat. It concerned me pretty  
2 significantly because there was no life in that sound.  
3 It was completely devoid of life and the perimeter  
4 ecology on the outskirts of that sound were also in  
5 decay.

6 No seagrass to be found. It was  
7 completely devoid of life. That scares me because I  
8 have flown over that sound before and have seen life,  
9 so I've seen a pre and a post, and it concerns me, so  
10 I will be submitting that to record as well.

11 I want to point to the modeling concern.  
12 Taken just FPL's model and a comment that was made  
13 earlier about agencies. You do have Federal agencies  
14 that are driving a certain model condition and a  
15 conservative model condition.

16 In other words, other agencies can use a  
17 conservation track, an intermediary track based on  
18 the UN standards, or a more aggressive track based on  
19 the EU standards. And I wonder why we are not taking  
20 those into account.

21 And specific to ongoing framework  
22 development that I mentioned earlier on groundwater  
23 in situ and sent to the management of Yellow Cake and  
24 different things like that, that would be related  
25 here.

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1           And I noticed, that based on chronology  
2           and statements that are in the abstract, you know,  
3           the EPA has wavered on communicating details specific  
4           to impact, inputting how to build out that framework.  
5           And that's concerning.

6           Because that overlays to basically  
7           politic. And if we're building frameworks, they have  
8           extend beyond politic or a four year presidential  
9           cycle. It has to extend to something that well last  
10          over the life of the permit and the guidance.

11          And I see a conflict there with regards  
12          to clearly stating that the EPA would give guidance,  
13          and then backtracking back and letting the NRC to its  
14          own devices, not that you're not more than capable  
15          with your environmental staff, but you have an agency  
16          for that and I'm wondering why the resource is not  
17          being mandated, if not utilized.

18          The same thing, why aren't the resources  
19          of modeling being utilized like the agencies that are  
20          provided by the acts, that's detailed in acts.

21          And then finally is the DERM question.  
22          And the DERM question is on one of my contentions,  
23          but specifically to the comments that were made  
24          earlier.

25          There are ongoing consent decrees, there

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1 are -- whether it be from a waste water condition in  
2 Miami-Dade, whether it be through emission from this  
3 facility, because the cooling canals are part of the  
4 functional facility, whether they are permitted like  
5 that or not, one does not work without the other.  
6 Therefore they should be used as in one, and not  
7 separated when it's convenient for permitting  
8 guidelines. They have to work in concert.

9 So emitting high salinity plumes, heavy  
10 metals, which the plant does emit through that  
11 function, should be considered in a very detailed  
12 function.

13 And in so the ongoing regulatory consent  
14 decrees that are in place should be weighted equally  
15 within the decision making on whether or not this  
16 plan should be re-authorized as it is, whether it be  
17 with a cooling tower option or as is.

18 And I don't see that clearly stated, and  
19 I feel that that should not be relied on to a comment  
20 period, it shouldn't be an internal administrative  
21 decision that's outlayed for us to then comment on,  
22 because that's the problem.

23 Then I make a comment. If it's not  
24 brought up by the NRC then the public can't comment  
25 on that engagement, and that's I think a miss for the

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1 agency, if they were to implement a best practice  
2 approach.

3 It's kind of an afterthought. And I  
4 think we should be considering that. I think that's  
5 critical, so I'll leave it at that. But I will be  
6 submitting the comments and the video.

7 MR. MUSSATTI: All right. Thank you very  
8 much.

9 Please do not under estimate the power of  
10 your public comments. When these public comments  
11 come in, the NRC is compelled to look at them closely  
12 to make sure that there's something there that --  
13 that there's nothing there that they haven't  
14 considered already.

15 And if there is something there, they  
16 have to explicitly address that inside the document.  
17 So this is a bit more important of a process than  
18 what it sounded like and what you were saying there.  
19 But I appreciate your having taken the time,  
20 especially paying attention to the time and I look  
21 forward to having your comments being sent in.

22 Our next speaker is Steven Schoedinger.

23 MR. SCHOEDINGER: Thank you. My name is  
24 Steven Schoedinger, I'm a resident of Ocean Reef and  
25 Ocean Reef Community Association. I am the chair of

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1 the North Key Largo Utility District Water Resources  
2 Advisory Committee.

3 I have 40 years of experience as a  
4 professional engineer in Florida and along the Gulf  
5 Coast, specializing in water quality and water  
6 treatment.

7 What I want to say is if we are --support  
8 the three -- plant, the power generating plant  
9 alternatives that the EIS -- that the NRC has proposed  
10 in EIS. They all three use cooling towers. We also  
11 support the fact that the existing Units 3 and 4 could  
12 continue to operate moving forward to 2052 using  
13 cooling towers.

14 Under no circumstance do we support the  
15 continued use of the open cooling canals to be used  
16 through 2052 and for having the license renewed in  
17 conjunction with their continued operation on any  
18 alternative, of the ones mentioned now or ones that  
19 we generated.

20 I've looked at lot of data, I've reviewed  
21 the EIS. I've looked at a lot of data that's  
22 submitted since the Scoping Meeting.

23 And I would mention in looking at the  
24 EIS, I would encourage the committee -- there's a lot  
25 of data that was generated in late 2016, 2017 and

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1 2018 that I don't find referenced in the EIS.

2 I see a lot of references to 2014, '15  
3 and '16. And there are a lot of organizations that  
4 really have been energized in the last three years  
5 and done a lot a data collecting, a lot of expert  
6 testimony brought to bear that I think clearly shows  
7 the environmental impact of this antiquated component  
8 of the nuclear power plant open canals.

9 I think the data, actually in my opinion,  
10 clearly shows that FP&L has failed to, over the  
11 decades, to operate and maintain this shallow open  
12 cooling canal system properly, either due to gross  
13 negligence, in my opinion, or incompetence and in  
14 compliance, therefore it isn't.

15 It's violated -- had violations to its  
16 NPDES permit that expired about five years ago. And  
17 it's been administratively continued.

18 I would, I guess for those who say it  
19 wouldn't be gross negligence or incompetence, it's  
20 not the case with FP&L, then the only other plausible  
21 reason that I can come up with is that the CCS is a  
22 failed design that cannot be operated and maintained  
23 to meet its NPDES permits.

24 It was originally designed to include the  
25 sea water to sea water exchange. It was never a

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1 closed loop or closed system. I think there is a  
2 preponderance of data that indicates that it, you  
3 know, twice a day, I mean you get a high and low tide.  
4 There is a sea water exchange between the canals and  
5 the Bay.

6 And so it clearly, whatever is in the  
7 canals twice a day exits into the Bay and vice versa.  
8 So it clearly, you know, the water quality in canals  
9 is impacting the Bay I'm going let others and the  
10 evidence that's been put forth support that.

11 But I will mention that prior to the  
12 current fix, which is proposed under the consent  
13 decree, there's been no less than four previous  
14 attempts to operate these canals within the NPDES  
15 permit and deal with the leakage and the environmental  
16 impacts that it's causing to the water resources.

17 And this has been over the last 20, 25,  
18 30 years and they've all failed. And in this current  
19 consent decree is an attempt, again, to implement a  
20 fifth fix and if it doesn't work, then after that,  
21 FP&L has a chance to try it again, I guess.

22 And so I think the EIS provides a definite  
23 guideline, I guess for FP&L with regard to the options  
24 of cooling towers and the use of reclaimed water with  
25 the cooling towers, because -- or Floridan water, if

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1 reclaimed water doesn't occur.

2 Then in both instances you have those  
3 elements can be -- have come out as a blow down and  
4 can be injected into the Boulder Zone under the  
5 permit.

6 So that has no impact, it doesn't require  
7 the existence of the canals and it doesn't go into  
8 the canals, you know, so you can use the reclaimed  
9 water. And I know it's planned to be used the reactor  
10 if the agreement with Miami-Dade is successful, then,  
11 you know, they're going to use that for the existing  
12 natural gas powered unit. And it was going to be  
13 used for nuclear reactors 6 and 7 which they have a  
14 permit for but they are not going to, I guess  
15 understand it, move forward.

16 So I guess in conclusion. You know, you  
17 can remove all this consternation about the  
18 environmental impact in the canals if the NRC  
19 considered just in its alternative analysis for the  
20 cooling water system, is just remove it as a viable  
21 alternative. It's not really reasonable and viable  
22 moving forward to 2052. And I think the data and the  
23 information that you could collect from the last  
24 couple of years will support that.

25 You know the CCS is not a thermal

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1 efficient unit. I mean based on thermal efficiency,  
2 reliability for cool water back to the reactors and  
3 the adverse impact on the environment, it's  
4 definitely grossly inferior to the use of cooling  
5 towers, which will eliminate all that problem. And  
6 I think directly relates to the safety and the risk  
7 analysis for the operations of the nuclear plant.

8 So I'd urge the NRC to remove the cooling  
9 canals from a viable alternative moving forward and  
10 I think that would have a large impact and I think  
11 you'd be well served with the data that would support  
12 that.

13 And if you don't feel like doing that,  
14 then at least in your analysis increase your ratings  
15 to environmental risk and safety by using the canals  
16 forward from moderate -- from low and moderate to  
17 high. Because it definitely, I think the data  
18 supports that. Thank you.

19 MR. MUSSATTI: All right. Thank you.

20 I'm sorry to have had to cut you off  
21 short, but we're running up against our time off and  
22 I've made a couple of judgment calls here to let some  
23 people finish their comments rather than leave them  
24 kind of hanging in the air.

25 We have only one more speaker on the list

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1 and that's David Guest, and I'd like him to come and  
2 make a quick comment or two here.

3 I'm sorry that you've gotten the tail end  
4 here, but the best is last.

5 MR. GUEST: That's okay. I'll summarize  
6 and not repeat things.

7 David Guest representing Friends of the  
8 Earth.

9 These reactors are proposed to be  
10 extended to 80 years, which feels like taking a DC3  
11 that was built in 1963 and saying, you think you could  
12 fly it safely for 80 years and that just seems  
13 implausible. It just seems highly implausible.

14 What's happening here is we have this  
15 system, because the original system at this plant  
16 used a direct exchange into Biscayne Bay, which caused  
17 widespread carnage.

18 And it's a relief to see this impact  
19 statement that doesn't have the direct discharge into  
20 the Bay, because that's not acceptable, and you don't  
21 think it's acceptable and you shouldn't.

22 But what is not being said here is that  
23 these canals are not water from elsewhere. They just  
24 dug a hole, a channel into the aquifer. This is the  
25 Biscayne aquifer.

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1                   And what you're doing is you're pumping  
2                   Biscayne aquifer water around in a big circle. And  
3                   why that's so weird to be doing, is because the  
4                   geologic formation here is basically stone swiss  
5                   cheese.

6                   What you have is you have a swimming pool  
7                   that's about 90 feet deep and it covers many square  
8                   miles. So the idea here is that you've got water in  
9                   a channel on the top of a swimming pool that you're  
10                  moving around for cooling and you're adding  
11                  contaminants to it.

12                  Does it come as any surprise that when  
13                  you boil the water off, essentially making it  
14                  evaporate, the salt plume starts going down to the  
15                  bottom of the aquifer and spreads all through the  
16                  swimming pool. Of course it did.

17                  There were concerns raised at the time,  
18                  they didn't think that it was really gonna work. And  
19                  it didn't. So what they did was they came up with a  
20                  scheme to have an interceptor canal, almost 18 feet  
21                  deep, 20 percent down to the bottom of the aquifer  
22                  and 60 feet wide. They were going to pump it out  
23                  into the groundwater canals to keep the plume from  
24                  moving. And it didn't work.

25                  Five years later it was very clear it

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1 didn't work at all, so they -- the Florida Power and  
2 Light took the bull by the horns. They renamed the  
3 interceptor canal to the interceptor ditch to  
4 downplay its failure.

5 And then they produced a series over 35  
6 years, 35 years, a series of models and plans to pump  
7 the polluted water around inside the aquifer and stop  
8 the contamination from moving.

9 35 years later the water is still moving  
10 at 15 inches per day westward into drinking water  
11 aquifers, into drinking water sources.

12 On the other side, it's leaking into  
13 Biscayne Bay like it always did. And so now we're on  
14 plan number 6 and it's more pumping, it's another  
15 experimental scheme. You can know it's an experiment  
16 because the remedy if it fails is another plan. Plan  
17 number 7 is what's required if it fails. It's an  
18 acknowledgment that this system does not and cannot  
19 work.

20 And so now we have the craziest solution  
21 in the world now, which is that now we're going to  
22 put treated sewage in it, adding treated sewage to  
23 aquifer to solve this problem.

24 This is absolutely crazy. It had a  
25 design flaw from the very beginning. Nothing has

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1 ever been done to make it fixed, to fix it. You've  
2 got now a sewage scheme to make it even worse.

3 And I think that what happens here is  
4 that you didn't put the direct discharge to the Bay  
5 on the list, the existing canal system should be off  
6 too. Thank you.

7 MR. MUSSATTI: Thank you very much.

8 Well, we've run over just a few minutes  
9 but I think we can call this meeting a success and I  
10 would like to thank everybody here for their patience,  
11 their decorum for listening silently and taking in  
12 this whole pile of information that has been given to  
13 us.

14 On behalf of the NRC staff, I would like  
15 to tell you how much we appreciate your having  
16 provided this information.

17 Before I return the mic to Ray McKinley  
18 to give his final remarks, I want to remind everybody  
19 here that we really would like to have your writings  
20 and comments as well. Especially if you have visual  
21 aids.

22 We're going to need to have a PDF of that  
23 so that if we're going to keep an electronic copy of  
24 this for the record, we've got it available to us in  
25 a format that we can store readily. And for those of

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1 you that made comments in the room and you had written  
2 notes and edits and everything on it, if you could  
3 clean up those scripts that you carried to the front  
4 of the room and then provide them to us before the  
5 20th, I think that would be very helpful in what we  
6 need to do here with the completion of this  
7 Environmental Impact Statement.

8 We're always looking for ways to improve  
9 our meetings and to make them easier for us to do and  
10 we want your suggestions and your recommendations.

11 There are feedback forms that should have  
12 been available out at the front desk. You can also  
13 get it online at the NRC website and it's called Form  
14 659 that we're looking for it here, which tells --  
15 it's a feedback form on public meetings.

16 And if you fill that out and you fold it  
17 up properly, the outside of that folded up piece of  
18 paper becomes a self-addressed stamped mailer that  
19 sends it right back in to us so there isn't a dime's  
20 worth of cost to you except for the piece of paper  
21 you've got to print out of your printer.

22 But we encourage you to do that. And I  
23 think that's the last of the notes that I have here.

24 Yes, I think I'm going to ask Ray now to  
25 come forward and close this meeting for us.

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1 RAY MCKINLEY: Yes, thank you everybody  
2 for coming out today. We really appreciate all the  
3 thoughtful comments that we did receive today.

4 Folks obviously came out very well  
5 prepared and able to speak to your issues. And we do  
6 take these issues very seriously and we'll take them  
7 into consideration as we complete our environmental  
8 review.

9 So without further adieu, I wish you a  
10 pleasant rest of your day and safe travels back home.  
11 Thank you.

12 (At 3:08 p.m., the public meeting was  
13 concluded.)

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