

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

Title: Public Scoping Meeting for the Environmental Review of the Subsequent License Renewal Application for Turkey Point Nuclear Plants Units 3 and 4 - Session 2

Docket Number: (n/a)

Location: Homestead, Florida

Date: Thursday, May 31, 2018

Work Order No.: NRC-3751

Pages 1-62

**NEAL R. GROSS AND CO., INC.**  
**Court Reporters and Transcribers**  
**1323 Rhode Island Avenue, N.W.**  
**Washington, D.C. 20005**  
**(202) 234-4433**

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

+ + + + +

PUBLIC MEETING

+ + + + +

PUBLIC SCOPING MEETING FOR THE ENVIRONMENTAL REVIEW  
OF THE SUBSEQUENT LICENSE RENEWAL APPLICATION FOR  
TURKEY POINT NUCLEAR PLANTS UNITS 3 AND 4

+ + + + +

THURSDAY,

MAY 31, 2018

+ + + + +

The meeting was convened in City of  
Homestead City Hall, 100 Civic Court, Homestead,  
Florida 33030, at 5:00 p.m., William Burton, NRC,  
facilitating.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

NRC STAFF PRESENT:

WILLIAM BURTON, NRR/DMLR/MRPB

LOIS JAMES, NRR/DMLR/MRPB

MICHELLE MOSER, NRR/DMLR/MENB

GEORGE WILSON, NRR/DMLR

SCOTT BURNELL, OPA

EDWIN LEA, Region II

ARACELI BILLOCH-COLON, NRR/DMLR

KEVIN FOLK, NRR/DMLR, MENB

DARRELL ADAMS, OCA

BEN BEASLEY, NRR/DMLR/MENB

DANIEL ORR, R-II/DRP/RPB3/TPRO

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

CONTENTS

Introduction.....4  
Safety Review.....8  
Environmental Review.....12  
Public Comment.....18  
Adjourn.....62

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

(5:02 p.m.)

MR. BURTON: Good evening, everybody. Appreciate you coming out. Just real quick, how many people are here that were here at the earlier session?

Oh, gee. Okay. I think that's probably half or maybe even a little more. Okay. So you guys kind of know the drill. My name's Butch Burton. I'm from the U.S. Nuclear Regulatory Commission, NRC. And I work in our Office of Nuclear Reactor Regulation.

And I want to welcome all of you to the second public meeting for the Subsequent License Renewal Application for Turkey Point Nuclear Units 3 and 4, submitted by Florida Power & Electric.

I'm a project manager for the NRC Staff's Environmental Review, but today I'll be serving as your facilitator. My role as facilitator is to ensure that today's meeting is informative, productive and stays on time.

Before we get started, I'd like to a few minutes to go over some logistics. First of all, no food, beverages or smoking in the room. If you have anything that rings, beeps, buzzes, talks back to you, if you could turn it off or mute it, that would be good.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           For those of you who don't know how to  
2 get to the restroom, the men's room is on this side,  
3 as you come out those doors. Ladies' room is on this  
4 side, as you come out those doors.

5           If, for some reason, we're asked to  
6 evacuate the building, we'll ask you to follow the  
7 instructions and some of the security personnel here.  
8 We'll muster outside and make sure that we can account  
9 for everyone.

10           Today's meeting is a Category 3 meeting.  
11 For those of you who are not familiar with the NRC's  
12 meeting categories, a Category 3 meeting is typically  
13 held with representatives of non-governmental  
14 organizations, private citizens or interested parties  
15 or business or industry to fully engage them in  
16 discussion.

17           These meetings provide an opportunity for  
18 the NRC and the public to work directly together to  
19 make sure that the issues and concerns are understood  
20 and considered by the NRC.

21           The objective is to provide a range of  
22 views, information, concerns and suggestions with  
23 regard to regulatory issues. Now today's meeting  
24 will be transcribed. So when you're speaking, if you  
25 can either come up to the podium or we can bring you

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 one of the hand-held mics, if you provide your name  
2 and affiliation and then please speak.

3 Now we do have meeting feedback forms  
4 available, so after today's meeting, we'd like for  
5 you to take a few minutes to fill out the form and  
6 return it to us, or you can provide feedback directly  
7 through, to the NRC, to our website. And so you can  
8 provide it electronically. We do take your feedback  
9 very seriously. We use the feedback to help improve  
10 future meetings.

11 Now for those of you who have taken a  
12 look at it the agenda, you say, you know, we have a  
13 lot to talk about today. We are going to try to stay  
14 on schedule. We're going to try and do that a little  
15 better than we did first session.

16 We want to make sure we hear from  
17 everyone, and we want to make sure that everybody  
18 gets sufficient time to make their comments. But we  
19 do ask that, because time is limited, we're going to  
20 ask you to be very concise with your comments and,  
21 hopefully, everybody will get an equal shot to share  
22 what they want to share with us.

23 If anyone is using recording devices,  
24 that's fine. We're perfectly okay with that. But  
25 we would like to make sure that everyone else knows

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 who's recording and who's not. So one of the -- it's  
2 permitted. If anyone is going to be recording the  
3 meeting, if you could kind of raise your hand and let  
4 us know.

5 (Off-microphone comment)

6 MR. BURTON: I'm glad you brought that  
7 up because after the first --

8 PARTICIPANT: Could you repeat the  
9 question? Repeat the question on the microphone.

10 MR. BURTON: One of the -- some of the  
11 feedback that we got from the first session was that  
12 some people couldn't hear very well and our  
13 transcriber was one of those people. So we do want  
14 folks, when they do come up to speak, to speak loudly  
15 and make that sure everyone in the room can hear you  
16 and the transcriber can pick up. So, thank you. I  
17 appreciate that.

18 Any other questions? Okay. We have a  
19 number of NRC staff here today, and they're here to  
20 address any questions you may have on our processes.  
21 But I do want to point our presenters for today. Our  
22 first speaker's going to be Ms. Lois James, who heard  
23 from a little bit, just a minute ago. She will  
24 provide an overview of the NRC staff's Safety Review  
25 process.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701



1           After her will be Ms. Michelle Moser,  
2 standing right next to her. Michelle will provide  
3 an overview of the staff's environmental review. And  
4 finally, to close out the meeting, we'll have Mr.  
5 George Wilson, our director of the Division of  
6 Materials and License renewal in NRR.

7           So I think we'll go on and get started  
8 with Lois.

9           MS. JAMES: Thank you, Butch. I don't  
10 want to have problems with anybody hearing me. Let  
11 me know if you can't hear.

12           Good evening. My name is Lois James.  
13 I'm the Safety Project Manager for the Turkey Point  
14 Subsequent License Renewal. Our goals today are two-  
15 fold. First, to provide you with an overview of the  
16 subsequent license renewal process, both safety and  
17 environmental. And then, two, to get your input as  
18 to what environmental issues that NRC should consider  
19 in our review. Next slide, please.

20           The agenda for today's meeting begins  
21 with the staff providing an overview that I just spoke  
22 about. After the NRC's presentation, attendees can  
23 ask questions about the presentation and the process.

24           In order to match my time to the public  
25 to comment on and try to provide their comments for

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 the environmental review, we'll only address  
2 questions about the process itself. The final part  
3 of the meeting is the most important. You provide  
4 your thoughts and comments on what should be included  
5 in the NRC environmental review. Next slide, please.

6 The license rule review proceeds in  
7 parallel reviews, a safety review and an environment  
8 review. Across the top of the slide is the  
9 environmental review, and Michelle Moser will discuss  
10 this in a little bit.

11 Along the bottom is the safety review.  
12 The safety review has two components, the staff safety  
13 review and then the review by the advisory committee  
14 on reactor safeguards.

15 The dotted lines in the middle of the  
16 flow chart highlighted the opportunity for a hearing  
17 in accordance with the Atomic Energy Act. The lines  
18 blocked at the far right is the NRC decision on  
19 whether to renew the operating licenses. As you can  
20 see, this is based on several factors. Next slide,  
21 please.

22 The principles in license renewal safety  
23 review have not changed since the initial subsequent  
24 initial license renewal. And they are the regulatory  
25 process provides adequate insurance the plant's

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 current licensing basis will maintain an acceptable  
2 level of safety.

3 Number two, each plant's current  
4 licensing basis is required to be maintained during  
5 the renewal term in the same manner and to the same  
6 extent as during the initial licensing term.

7 The NRC ensures the adequate protection  
8 of public health and safety and the environment  
9 through our regulatory process. This chart shows the  
10 different aspects of the regulatory process. The  
11 blue arrows and gray boxes show the current and  
12 continued regulatory processes.

13 The red block and arrow show the aging  
14 management activities which were added by the initial  
15 license renewal. As part of the subsequent license  
16 renewal review, the staff will review the  
17 effectiveness of the applicant's aging management  
18 activities.

19 Okay, the next slide, actually, I think  
20 the previous slide. One slide fell out of order.  
21 Yes, the safety review. The focus of the safety  
22 review is to identify the aging effects that could  
23 impair the ability of systems, structures and  
24 components within the scope of the license renewal to  
25 perform their intended functions and then to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 demonstrate that these aging effects will be  
2 adequately managed throughout the period of extended  
3 operation.

4 This focus has not changed from initial  
5 license renewal. Since that location contained  
6 proprietary information, the NRC conducted a  
7 proprietary review and issued its proprietary  
8 determination on that information on April 3rd.

9 In order to be more effective and  
10 efficient with time and resources, the NRC has divided  
11 its review into sections. The first part is the  
12 operating experience audit which was conducted May  
13 7th through the 18th. This audit review, the  
14 applicant's operating experience information and  
15 corrective action system for data applicable to aging  
16 related issues. The second section of the  
17 review is the in-office review and the in-office audit  
18 where the staff will review documents and references  
19 in the application in more detail.

20 Finally, the NRC will conduct an onsite  
21 audit of the plant facility and additional documents,  
22 as needed. The staff would like to make its review  
23 in a Safety Evaluation Report, or SER. In the past  
24 the staff has issued safety evaluation reports with  
25 open items. For subsequent license renewal, our goal

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 is to issue the safety evaluation report once with no  
2 open items.

3 And that conclude the discussion on the  
4 safety review. And I will hand it over to Michelle.

5 ENVIRONMENTAL REVIEW

6 MS. MOSER: Thanks, Lois. Good evening.  
7 My name is Michelle Moser, and I'm a biologist working  
8 on the Turkey Point environmental review.

9 The environmental review is conducted in  
10 accordance with the National Environmental Policy Act  
11 of 1969, commonly referred to as NEPA. NEPA requires  
12 federal agencies to follow a systematic approach in  
13 evaluating potential impacts from the proposed action  
14 and alternatives -- thank you -- the proposed action.  
15 Can everyone hear now? All right.

16 Fellow participation is an important  
17 aspect of the NEPA process. Environmental review  
18 bio-stems on the above slide are highlighted green.  
19 That included public participation.

20 The environmental review begins with a  
21 scoping process which includes today's public scoping  
22 meeting. Scoping is a process by which the NRC staff  
23 identifies specific impacts and significant issues to  
24 be considered in the environmental impact statement.

25 The NRC staff will consider all of the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 scoping comments presented here today as well as in  
2 writing within the draft's environmental impact  
3 statements. The staff will also conduct an  
4 independent assessment looking at new and significant  
5 information including an environmental site project.

6 The NRC staff will publish its findings  
7 within a draft environmental impact statement that  
8 will be issued for public comments. That public  
9 comment will be the second opportunity for you and  
10 other members of the public to participate in the  
11 environmental review process.

12 Again, the NRC staff will consider all  
13 comments received in preparing and updating the final  
14 environmental impact statements.

15 I'd like to take a few minutes to discuss  
16 what we mean by scoping and your role in this process.  
17 The NRC staff uses scoping to determine the range of  
18 issues and alternatives to be considered in an  
19 environmental impact statement.

20 In addition, scoping comments help  
21 identify significant issues that will be analyzed in  
22 greater detail. Scoping is also intended to ensure  
23 that concerns are identified early and properly  
24 evaluated throughout the review.

25 You are an important part of the scoping

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 process. Because you are familiar with your  
2 community, your comments will help to facilitate a  
3 thorough review. You can assist this process by  
4 telling us, for example, what aspects of your local  
5 community we should focus on, what local  
6 environmental, social and economic issues the NRC  
7 should examine during our review and what other major  
8 projects are in progress or planned in the area.

9 The NRC issues the following documents in  
10 association with the environmental scoping process.  
11 The NRC initially issues a Notice of Intent to prepare  
12 the environmental impact statement and to inform the  
13 public about the scoping process.

14 The notice identifies the federal action,  
15 the comment period and the methods by which comments  
16 can be provided. We have copies of the notice at  
17 today's meeting at the front table by the door.

18 The NRC also issues scoping letters to  
19 federal, state and local agencies as well as tribal  
20 nations in press releases and newspaper  
21 advertisements to advance public meetings and the  
22 scoping process.

23 At the conclusion of the scoping process,  
24 the NRC will prepare and issue an environmental  
25 scoping summary report that describes comments

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 received during the scoping period.

2           Within the environmental impact  
3 statement, the NRC evaluates the potential impacts to  
4 a broad range of environmental resource areas  
5 including human health, air quality, wetlands and  
6 threatened and endangered species.

7           The NRC conducts this review by building  
8 upon decades of previous experience analyzing  
9 environmental impacts for power plant operations. We  
10 will focus our review on site-specific impacts by  
11 reviewing the best available current information.

12           In conducting our environmental review,  
13 we will be coordinating with other federal, state and  
14 local officials as well as tribal leaders. This  
15 coordination helps to ensure that local resource  
16 specialists are involved in the review.

17           Some of the agencies we are coordinating  
18 with include the U.S. National Park Service, the U.S.  
19 Fish & Wildlife Service, the U.S. Environmental  
20 Protection Agency and Miami-Dade County.

21           Ultimately, the purpose of the  
22 environmental review is to determine whether or not  
23 the environmental impacts of license renewal could be  
24 so great that reserving the action of license renewal  
25 for decision makers would become unreasonable.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701



1           The environmental impact statement will  
2 be considered in conjunction with the NRC staff's  
3 safety related reviews in recommending to the  
4 commission whether to renew the Turkey Point  
5 operating license.           In summary, these are the  
6 factors that will be considered by the commission in  
7 deciding whether to renew the Turkey Point licenses.  
8 It is the goal of the NRC staff to complete its  
9 license renewal review and reach a decision on  
10 renewing the operating license in 18 months for the  
11 time the application is accepted. This schedule can  
12 be extending to accommodate a hearing, if granted.

13           This slide shows important milestones for  
14 the safety and environmental review process. It is  
15 important to note that these dates are tentative.  
16 And I'd also like to note that the safety evaluation  
17 report will be a publicly available document.

18           And you are welcome to attend the  
19 Advisory Committee on Reactor Safeguards, or ACRS,  
20 meetings which are open to the public and will be  
21 held at the NRC Headquarters outside of Washington,  
22 D.C.

23           The citing of information on how to  
24 submit comments after the meeting concludes. Again,  
25 we will treat comments spoken during the meeting the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 same as written comments received after the meeting.  
2 Comments will be accepted through June 21st, and they  
3 can be submitted by mail or through regulations.gov.

4 Lastly, this slide shows the website  
5 where you can find additional information regarding  
6 the Turkey Point review including FPL's application.  
7 I've also listed the contact information for the two  
8 project managers that are here today, Butch and Lois.

9 This concludes the staff's formal  
10 presentation, and I will now turn it back over to  
11 Butch.

12 MR. BURTON: All right, thank you, Lois.  
13 Thank you, Michelle. What we want to do now is take  
14 a few minutes to open it up to folks if anyone has  
15 any questions or comments of anything that they just  
16 saw in the presentation about our process, how we  
17 conduct the safety and environmental review. Anyone  
18 have any questions or thought on that?

19 Okay, hearing nothing, I think we'll go  
20 right into what we're all really here for, which is  
21 to give you an opportunity to provide your comments  
22 on the environmental issues for the staff's review.

23 Now couple of things. Those of you who  
24 want to speak, have filled out yellow cards indicating  
25 that you do have comments. Some people, on their

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 yellow card, marked that they were at the prior  
2 session and this session. If you marked both, I took  
3 that to mean that you wanted to speak at both. So  
4 if you don't, when I call your name, just let me know  
5 and then we can -- I can go on ahead and just skip  
6 you and we can move on.

7 If there's anyone who didn't somehow fill  
8 out one of the yellow cards but would like to speak,  
9 please let me know and we'll get you a card and you  
10 can fill it out.

11 One thing from the earlier session, we do  
12 really want to try to stick to the allotted time.  
13 Because what we found is that some folks took longer  
14 than the allotted time and we tried to be  
15 understanding about that, but then some of the folks,  
16 later on, kind of got short-changed in their time.  
17 So we don't want to do that this time, if we can avoid  
18 it.

19 So what we're going to do is, I'm going  
20 to call the first three speakers names so the folks  
21 know when they're on deck. And as we go through,  
22 I'll just keep doing that. So let's start with  
23 Albert Gomez, followed by Zach Cosner and then Matt  
24 Schwartz.

25 MR. GOMEZ: Thank you for accommodating.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 Albert Gomez. I'm a resident. I'm actually going  
2 to a planning meeting for Biscayne Bay Marine Health  
3 Summit, which I'm on the steering committee of,  
4 critical issue.

5 One thing that I would ask, based on what  
6 your intake was from the morning session, is, my  
7 understanding is, when the upgrade occurred during  
8 the last operation, they did have to go through an  
9 emergency authorization request to keep the facility  
10 operating at higher temperatures, above the standard  
11 operating temperature.

12 And if they are going to operate at that,  
13 from that upgrading, there was a Delta on a whole  
14 slew of metrics. That Delta is measured. It all  
15 gets listed. And if there was that, it's, that is  
16 the constant.

17 If they are going to reauthorize it and  
18 go to immediate upgrade, will those Deltas be taken  
19 into account, into the AIS as a standard operating  
20 reality that we're going to have to go to another  
21 emergency authorization, another function of  
22 upgrading. And I'm wondering if that's part of  
23 what's being considered as a function of the AIS that  
24 would be pretty or --

25 And then I want to get a little deeper on

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 the body, the Process for Ongoing Assessment of  
2 Natural Hazard Information. That is required. That  
3 is part of the requirement for this type of reactor  
4 now. And it is alluded to both on, I feel did allude  
5 to it on both their -- and it was referenced on the  
6 approval notice that the NRC released for their 67.

7 And I believe it's in, referenced  
8 lightly, on their renewal application. But I'm going  
9 to circle that. I'd like to see if that's, if that  
10 is referenced and, if so, part of that body means  
11 that they have, they ensure us that the staff  
12 proactively and routinely aggregates SS new natural  
13 hazard information.

14 That new natural hazard information was  
15 present as standards for the sea level rise  
16 projection. So if -- I want to make it not so much  
17 about the sea level rise projections. It's more over  
18 about those have stated common knowledge and standard  
19 through the County, through the compact, through  
20 various municipalities.

21 And it was not applied. Instead, POANHI,  
22 its old prevention was applied. And I'm wondering  
23 why, if the, one, it very clearly states that it  
24 ensures that the staff brought the matter to the NRC.  
25 And this is new natural hazard information. So

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 they're going to old information versus new  
2 information, so I'd like to know that.

3 Then also, all, most mayors, Mayor  
4 Gimenez, Mayor Suarez, Dan Gelber -- Mayor Gelber,  
5 three that, off the top of my head, have all  
6 referenced rain bombs as a new event that occurs down  
7 here which has much higher output of rain in a very  
8 centralized location. I don't think that natural  
9 hazard was talked about or addressed in their  
10 reauthorization. It's something that they should  
11 consider.

12 And then, in closing, the last statement  
13 I would say is that, as another function of the POANHI  
14 related that our compounded projections of king tide  
15 and maximum storm surge during hurricane-related  
16 events, which happens to coincide in October, applied  
17 to the scope of the new AIS. I appreciate your time.  
18 Thank you.

19 MR. BURTON: Thank you, Albert. For the  
20 speakers, just so you know, when you have one minute  
21 left, I'll be standing back here. I'm going to put  
22 up one finger so you know. And when you're out of  
23 time, I'm going to put up a fist. And at that point,  
24 please just try to wind it up, and I think we can  
25 keep it moving.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1                   Okay, Zach?

2                   MR. COSNER:   Hello there.   I had the  
3                   privilege to address you during the morning session,  
4                   so I'll keep my comments brief because I only would  
5                   like to complete some of the thoughts that I  
6                   introduced during that session.

7                   When I last spoke to you, I raised my  
8                   final point, the specter of a Category 6 storm.  As  
9                   you know, under a regime of climate change, storms  
10                  have become more and more intense in the Atlantic  
11                  Ocean and could potentially wreak massive havoc,  
12                  massive storm surge in this area, in the vicinity of  
13                  Turkey Point, which is compounded by the seal level  
14                  which FPL, right, which FPL has critically under-  
15                  represented in their environmental report.

16                  And to form a note, that during Hurricane  
17                  Irma, there's never been said, the water levels  
18                  actually over-topped the top of the berm of the canal.  
19                  This canal, or this berm, is barely above sea level,  
20                  if it is.  And if the mixing of waters of Biscayne  
21                  Bay, waters of the L-31 E Canal, which are a water of  
22                  the State, is not a public -- with a base to open  
23                  industrial sewer is not a health hazard, I would not  
24                  know what is.

25                  Now what is a major alternative, like

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 great alternative, that FPL can put in place?  
2 Cooling towers. This is the only way to make sure  
3 that this cooling system operates and managed -- does  
4 not jeopardize public health and environmental  
5 health.

6 A cooling tower can be constructed at  
7 elevation. It cannot be overtopped easily by a storm  
8 surge. There were plans when they were projecting  
9 the development of Units 6 and 7 that they would  
10 create a fill base, a base of fill to place to the  
11 cooling tower on top of.

12 That would basically provide an effective  
13 means of shielding the plant from, and the cooling  
14 system, from the effects of climate change. I would  
15 urge you to try and compel FPL to construct this very  
16 common sense safety mechanism. Thank you.

17 MR. BURTON: All right. Thank you, Zach.  
18 Next we'll have Matt Schwartz, followed by Erik  
19 Gonzales and then Kerry Black.

20 Well, all right, I guess we have too many  
21 here. Erik Gonzales, Kerry Black and then we'll have  
22 Jennifer Allman.

23 MR. GONZALES: Okay, good afternoon. My  
24 name is Erik Gonzales, and I'm a Nuclear Reactor  
25 Operator at Turkey Point. I've been an operator at

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701



1 Turkey Point for over ten years. I'd like to thank  
2 the NRC for the opportunity, and everyone here  
3 involved, for the opportunity to discuss a few things.

4 First, obviously, I'd like to encourage  
5 the NRC to allow a license extension. I believe it's  
6 very important. I have a few reasons here.

7 Units 3 and 4 have provided power to just  
8 under a million homes for over 44 years with a hundred  
9 percent carbon-free footprint, with a particular  
10 focus on the health and safety of the public it serves  
11 and the area in which it's located.

12 Turkey Point tries to maintain a respect  
13 for the unique environment in which it resides. A  
14 great temple of that would be a safe haven for the  
15 American crocodile that they've provided. It's one  
16 of the few environments where both crocodiles,  
17 alligators -- American crocodiles and American  
18 alligators are able to co-exist.

19 And since Turkey Point has taken over the  
20 custody -- or not the custody, but the maintenance of  
21 that area, the population has gone from somewhere in  
22 the neighborhood of 40 to over 400 and they  
23 essentially, give or take a fifth of the alligator,  
24 of the crocodile population there, which is great.

25 I think that speaks to the health of --

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 the healthy condition of the canal alone. Also, we  
2 continue to improve every aspect of the plant, every  
3 day, in everything we do, from the equipment that we  
4 operate, the equipment we used to control the plant  
5 and the personnel that we use to run the plant.

6 I, myself, am required to pass a  
7 requalification process every five weeks to ensure  
8 that I'm at my best every time I'm at the controls.  
9 As a reactor operator, I've been licensed and charged  
10 with safeguarding the public which I serve. And that  
11 includes my family, my friends and the land I love.

12 My family and I live less than 15 miles  
13 away from the plant. And we've never felt safer.  
14 Often I'm asked if there's something I should be  
15 concerned with or if people should be concerned with  
16 anything about my job. And I can't think of a better,  
17 safer place to work than Turkey Point.

18 During Hurricane Irma, I was at the  
19 controls in the control room. And the consideration  
20 that management took for the health and safety of the  
21 public and for the personnel left me with a strong  
22 impression. I was impressed with their decision  
23 making process and the things that they were focused  
24 on -- obviously, the safety of the public and  
25 maintaining the plant.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           So, in conclusion, I'd just like to  
2           implore the NRC to strongly consider renewing the  
3           license. For me, it's very important, and thank you  
4           again for your time.

5           MR. BURTON: All right. Thank you, Erik.  
6           Next we have Kerry Black, followed by Jennifer Allman  
7           and then Mark -- I hope I'm getting this right --  
8           Bromkey? Apologize if I got that wrong.

9           MS. BLACK: My name is Kerry Black. I'm  
10          the CEO of the South Bay Chamber of Commerce. I'd  
11          like to comment for a couple of moments on the  
12          statistics of the impact -- leading on the impact  
13          that Turkey Point operating system on Miami-Dade  
14          County region, in a particular cell, Miami-Dade  
15          County.

16          Turkey Point supports Miami-Dade around  
17          the clock. It preserves clean air and addresses  
18          climate change. Turkey Point includes two zero-  
19          emissions nuclear-generating units, Unit 3 and Unit  
20          4, and one high-efficiency natural gas unit, Unit 5.

21          Turkey Point operations generate an  
22          estimated \$1.7 billion of economic output annually,  
23          employ more than 800 full-time employees and hundreds  
24          of contract workers who live in nearby South Florida  
25          communities.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 Annual reviewing outages require more  
2 than 2,500 additional personnel to visit the plant,  
3 supporting local lodging, restaurants and hundreds of  
4 other local businesses. Approximately 38 million of  
5 FPL's annual \$102 million in property taxes is due to  
6 Turkey Point Units 3 and 4. FPL is the number one  
7 property taxpayer in Miami-Dade County.

8 The licenses for existing Turkey Point's unit  
9 expire in 2032, Unit 3, and 2033, Unit 4. The  
10 application for license renewal for an additional 20  
11 years is the most economic option. This renewed  
12 license will bridge the gap to the middle of this  
13 century as it's not feasible to construct new units  
14 at this time.

15 It offers \$2.8 billion in savings for FPL  
16 customers over the next closest alternative, a  
17 natural gas unit or plant. It does not add new gas  
18 pipelines or transmission lines. It maintains  
19 locational data bits to maintain system stability and  
20 reliability.

21 It will retain trained and local  
22 workforce and supporting businesses. FPL gives over  
23 \$1.1 million annually to the Miami-Dade civic,  
24 educational organizations and general services.  
25 Thank you.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 MR. BURTON: Sorry. Jennifer Allman  
2 followed by Mark Bromley, I apologize, and then Kent  
3 Nelson.

4 MS. ALLMAN: Hello. My name is Jennifer  
5 Allman. I've moved here in Homestead in 2006.  
6 That's when I was hired at Turkey Point. I work in  
7 Radiation Safety. I've been in this field for almost  
8 20 years.

9 My personal experience with FPL has been  
10 very good. We are one of the safest companies that  
11 I've ever worked for. I've worked in a lot of nuclear  
12 industries, not just nuclear power, and I raised my  
13 family here. And I live about eight miles away from  
14 the plant. And I don't have any worries.

15 We also are connected. And I say we  
16 because at FPL we are a team, the employees. We have  
17 a very strong belief in the environmental and  
18 radiological safety. And I just wanted you to know  
19 my opinion. Thank you.

20 MR. BURTON: Thank you, Jennifer.  
21 Appreciate it. Okay, next is Mark -- is it Bromley?  
22 Okay. Mark Bromley and Kent Nelson and Maria Parra  
23 -- I hope I'm pronouncing that correctly.

24 MR. BROMLEY: Hi. Thank you. My name  
25 is Mark Bromley, and I too work for FPL's Radiation

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 Protection Department. But before I turn there, I  
2 grew up here in the Homestead area and spent my high  
3 school years, in the summertime, working for the Park  
4 Service, at YTC, growing a huge appreciation for the  
5 resources that we do have out in our glades and out  
6 in Biscayne Bay and the reefs, coral reefs. It's  
7 where we were diving. It's very unique for what we  
8 have here in the United States.

9 Anyway, in the 90s, I worked for the State  
10 of Florida, with the Department of Health, here at  
11 Radiation Control. And in that role, we interacted  
12 with FPL as regulatory agent, not with license, but  
13 in monitoring the environment surrounding the place.

14 Anyway, to this day, we still, the State,  
15 continues to monitor the air, water, the resources in  
16 the Bay and surrounding plant. We contain all the  
17 milk and, in general, keep tabs on everything that  
18 goes on. And it continues, as we speak, on a day-  
19 to-day basis.

20 In the late 90s and to present, I would  
21 come to work with Turkey Point as in a full-time role,  
22 and I realized the dedication that they have shown to  
23 protect that resources that I've grown to cherish and  
24 the due diligence that our lending folks have  
25 maintained, the crocodile population.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           And to the extent that FPL will follow,  
2           doing the necessary steps to take care of the medical  
3           considerations, is astounding, the resource that we  
4           deliver to detect that.     So we're a learning  
5           organization.     We constantly are adjusting and  
6           learning.

7           And I found that I have confidence in the  
8           company to do the right thing, and we're constantly  
9           doing that.     And that's about all I have.     Thank you  
10          very much.

11          MR. BURTON:     Thank you, Mark.     Okay, next  
12          is Kent Nelson, followed by Monica Pria -- is that  
13          right?

14          MS. PARRA:     Maria Parra.

15          MR. BURTON:     Parra -- okay, I'll get it.  
16          I'll get it.     And then Bryan Paz.

17          MR. NELSON:     Good evening.     My name is  
18          Kent Nelson.     I am the Deputy Executive Director at  
19          the Florida Keys Aqueduct Authority and Chief  
20          Engineer and Chief Operating Officer for the  
21          Authority.

22          I am here on behalf of my own board as  
23          well as, unofficially, the Board of Commissioners for  
24          the Monroe County, which asked that I take the lead  
25          on this issue.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           Just as a general background, the FKAA or  
2 the Aqueduct Authority provides water for all Monroe  
3 County, just south of Dade in the Florida Keys.  
4 Roughly 75,000 permanent residents as well as well  
5 over a million visitors a year.

6           The reason why I'm here is that the FP&L  
7 canal, our closed canal system with the CCS has been  
8 in operation for over four decades. It's been  
9 leaking a toxic hyper-saline pool into the Biscayne  
10 Aquifer which is our sole water source for all of  
11 Monroe County.

12           Our resource well field is roughly ten  
13 miles, so West of here, and we've been tracking  
14 movement through our well field, monitoring,  
15 indicating that movement and that threat.

16           Currently, FP&L is under a consent order  
17 to stop and our track movement. And I'd like to call  
18 up to -- thanks to Mr. Lee Hefty here from Department  
19 of Environmental Resource Management from Miami-Dade  
20 County, who has conducted or is under consent order  
21 with FP&L as well as the state to help mitigate that.

22           The concern that we have is that the  
23 modeling that was used to build that consent order  
24 based on data to date indicates that what FP&L is  
25 proposing isn't working. And we have yet to be

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701



1 convinced that it will work in the future.

2 So as a result, at the request of the  
3 board and of Monroe County, I ask part of this renewal  
4 request we would request also that if an extension is  
5 granted, that a couple of conditions be attached to  
6 that extension, the first one being that FP&L would  
7 mitigate that existing toxic pool by a specified date.  
8 And, secondly, that the FP&L decommission the canal  
9 system and go to cooling towers which would help  
10 prevent and/or exacerbate the existing condition of  
11 the county. Thank you very much.

12 MR. BURTON: Thank you, Kent. Next we  
13 have Pria Parra -- hope I -- third time's a charm --  
14 followed by Brian Paz and then Bryan Stamp.

15 MS. PARRA: Good evening commissioners.  
16 Thank you for the opportunity to speak. My name is  
17 Maria Parra, a resident of the city of Homestead and,  
18 Miami-Dade College student.

19 Today I would like to voice my opposition  
20 to the license renewal for Turkey Point and its grant.  
21 For it is crucial that the license renewal application  
22 adequately consider the potential impact of sea level  
23 rise on the operation of the plant.

24 Sea level rise could increase in the  
25 Turkey Point area. My family and I go to Biscayne

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 National Park and the Homestead Bayfront Park often.  
2 A few months back, my sister actually went to the  
3 beach and to the Biscayne National Park for a cleanup,  
4 and the water was rising.

5 So it's evident that sea level rise is an  
6 issue. I would like to request that we rise above  
7 it and do the right thing for the city in the long  
8 run and for our future. While doing my Associate's  
9 of Arts at Miami-Dade College, I heard about the  
10 tribune in the bay and the aquifer.

11 And while many residents in Homestead can  
12 afford purchasing filtered water, many others cannot.  
13 It would be a shame if our water continues to be  
14 contaminated. We cannot drink dollar bills, money  
15 or checks. But we can trust in our government to  
16 place the needs of the planet and people over profit.

17 Our aquifer is precious. I learned about  
18 it in middle school at the aquifer and lime rock.  
19 And it's disappointing to hear the risk and threats  
20 of continued contamination. Not only is this an  
21 issue about water, but it's also about the animal and  
22 the plant life within the park.

23 There are many risks ahead if this  
24 license renewal is renewed. To renew this license  
25 means to renew and continue water pollution and places

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 the public health at risk, especially considering the  
2 deadly mix of nuclear power plant and strong storms  
3 occurring.

4 I would petition you to reject the  
5 license renewal for Units 3 and 4. Thank you for the  
6 opportunity to comment.

7 MR. BURTON: Thank you, Maria. Next we  
8 have Bryan Paz followed by Brian Stamp and Tom  
9 Southern.

10 MR. PAZ: Hi. My name is Bryan Paz. I'm  
11 a resident of Miami-Dade County. I live in West  
12 Kendall. Thank you for allowing me to share my  
13 thoughts on the proposal to renew Turkey Point's  
14 operating license for an additional 20 years.

15 FPL and the NRC, through their oversight,  
16 must consider sea level rise and climate change.  
17 We're all standing on Ground Zero for climate change.  
18 And in the coming decades, Dade County will face  
19 serious changes, more lines will be updated. Flood  
20 insurance will go up and more people will likely move  
21 inland, away from the oceans.

22 So FPL is asking for license renewals  
23 that will go through the Year 2053. 2053, I will be  
24 probably 60 -- or 60 by then. So, you know, this is  
25 very much a big ask. And so I would urge the NRC to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 do a lot of soul searching and a lot of research  
2 before they approve this because this has massive  
3 ramifications.

4 A lot will change from now until 2053 --  
5 sea levels, average temperatures and the strength of  
6 storms. And if these renewals are approved, there  
7 will be numerous -- there must be numerous conditions  
8 that the NRC should consider giving FPL to assure the  
9 facilities are prepared for a new landscape.

10 How will FPL keep the plant safe and  
11 assure onsite, highly radioactive waste is secured?  
12 How will FPL prepare for rising seas and stronger  
13 hurricanes? Like any of nuclear facility, Turkey  
14 Point is vulnerable to a melt-down.

15 Our emergency diesel generators would  
16 likely be drowned and shut down if a strong hurricane  
17 dropped tons of water onto Homestead. The emergency  
18 backup generators are not well elevated or well  
19 insulated.

20 As we all know, during Hurricane Harvey,  
21 last year, Houston, Texas had 15 trillion gallons of  
22 water dropped onto its city. And before 2053, I'm  
23 sure that will happen, a similar situation will happen  
24 here in Miami. So, you know, the water is, indeed,  
25 rising and so must the NRC's expectations for the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 infrastructure of Turkey Point.

2 So as a young person that will be living  
3 in this community for decades to come, if these  
4 licenses are renewed, at the very least, that most -  
5 - very basic conditions should be a cooling tower to  
6 protect surrounding life and water quality. These  
7 cooling tower retrofits are cost-effective and  
8 urgently needed.

9 And then, you know, lastly, I really  
10 believe that Turkey Point must prepare itself for the  
11 possibility of many trillions of gallons of water  
12 being dumped onto their generators from which a tidal  
13 wave or a hurricane in coming decades.

14 So lastly, in closing, there is plenty at  
15 stake and lots to consider. To the sea level rise,  
16 drinking water quality and the fundamental issues of  
17 corporate accountability, accountability for a  
18 company like FPL that has not been -- who had not  
19 been -- who has been unaccountable for way too long.

20 Thank you for allowing me this time to  
21 speak.

22 MR. BURTON: Thank you, Bryan.  
23 Appreciate it. Okay, next we have Brian Stamp  
24 followed by Tom Southern and Steven Schoedinger.

25 MR. STAMP: Good evening, everybody. I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 also am a resident of Dade County. I'm the plant  
2 manager, as well, out at Turkey Point.

3 During the earlier session as well as at  
4 this evening session, you know, I did hear a lot of  
5 concerns about the safety of the plant, whether it  
6 was hurricanes or canals.

7 And, you know, as far the canals, I have  
8 seen the improvements in the canals over the last  
9 three years. I have participated in that mitigation  
10 strategy. I have seen the commitment from the  
11 company to ensure the long-term health of those canals  
12 as well as the long-term impact being improved to the  
13 Biscayne Aquifer.

14 You know, a lot of the discussion about  
15 the safety of the plant from hurricanes, I was onsite  
16 during Hurricane Andrew. I saw the plant operate  
17 exactly as it was designed. I saw the plant recover  
18 exactly as it was designed. Same thing for Hurricane  
19 Irma.

20 So a lot of the concerns that everyone  
21 has brought up tonight, I just don't share. And I  
22 don't share them because I have seen what that plant  
23 was designed for and I have seen how well it did.

24 I also want to just reiterate that some  
25 of the folks that were here tonight from the plant,

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 you know, they are committed, as you can see. They  
2 are very well trained, and they are as professional  
3 as they come. Thank you.

4 MR. BURTON: Okay. Thank you, Brian.  
5 Next we have Tom Southern -- oh, okay, Tom Southern,  
6 then Steven Schoedinger and then Laura Reynolds.

7 MR. SOUTHERN: Tom Southern. Okay, I'm  
8 a carpenter. I live here in Homestead, and I actually  
9 did some work for one of your employees just recently  
10 and he, too, told me the same thing. Hey, this  
11 plant's safe. There's no -- I won't even argue that  
12 point with you guys. I'm sure your employees are  
13 telling the truth, as you see it anyway.

14 And so, you know, no -- I'm sure you're  
15 being honest and so forth. My concern is that if you  
16 guys are in the regulatory, right? Yes. If you  
17 guys even read the Miami Herald, which is not -- which  
18 is hardly the Miami Times or some of the -- or any  
19 newspaper that could be considered some radical  
20 liberal rag -- you would -- I don't even know why we  
21 even have to have this meeting.

22 Florida Power & Light, the employees  
23 accept it completely, has proven themselves to be a  
24 criminal power company. They have lied and cheated  
25 the public and misrepresented about whether the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 radioactivity is leaking into the ground water.

2 The cooling towers should have never been  
3 built. That's the only -- you guys know all this  
4 stuff. It's facts. So why would you even consider  
5 letting them continue to expand?

6 The fact that we are here gives at least  
7 me, and I'm sure some other people here, pause to  
8 think this is just a dog and a pony show, that there's  
9 collusion between Florida Power & Light and maybe not  
10 you guys personally, but your bosses and that you're  
11 here, gather some little information, listen to us  
12 talk, let us vent and you guys will get back together  
13 with FP&L in the background and, at some other place,  
14 and maybe you'll make some little payment or little  
15 accommodations to us.

16 But the thought of even -- okay, I hope  
17 that I'm wrong. In fact, I would -- I will die today  
18 just so that I can roll over in my grave to find out  
19 that you guys have denied them their application.

20 MR. BURTON: Thank you, Tom. Steven  
21 Schoedinger --

22 MR. SCHOEDINGER: The comments I have are  
23 specific to certain sections of the environmental  
24 report that was submitted by FP&L that's online.

25 In the Section 243, under First in

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701



1 Activities, I don't see any mention here that talks  
2 about aging elements of the plant. Because I don't  
3 see any mentioning about refurbishing those so they  
4 can operator as attendants for a continued period of  
5 time.

6 I don't see any mention about any kind of  
7 refurbishment or improvements to the cooling canals.  
8 In Section B, where it again talks about the aging  
9 management program, one of the four types of AMPs is  
10 performance monitoring program to test the ability of  
11 a structure or component to perform its intended  
12 function.

13 And I'd really like the NRC to take a  
14 hard look at the canals and their ability, in their  
15 condition and the way they're operated, to meet the  
16 needs of the increased power generation, as planned,  
17 through 2053 for Units 3 and 4.

18 Page 316, Table 3.2-2 talks about the  
19 land use within a six-mile radius of the plant. And  
20 I agree with what they have here. I just want to  
21 point out that, when you add up all the percentages,  
22 that 90 percent of the area within that six-mile  
23 radius of the plant, is surface water and weapons --  
24 and sensitive weapons and water.

25 And again, I'd just like to ask the NRC

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 to take special review of the information and the  
2 environmental report that FP&L provided in 3.6,  
3 Section 3.6. And that involves 3.6, 3.6.1.45  
4 Compliance History, there's surface water sources.  
5 And 3.6.4, under water quality.

6 There's a lot of additional information  
7 that's been provided by other interested parties in  
8 the last ten years and more specific, in the last  
9 five years, that are not mentioned in here. And I  
10 would like them to take a really thorough look at all  
11 this, all the other information by parties that don't  
12 have a hidden agenda, that really are interested in  
13 the environmental health and are interested in the  
14 plant operating properly.

15 If you take a really, if you compare the  
16 data, the information that's in here with this other  
17 information that you have access to. Thank you.

18 MR. BURTON: Okay. Thank you, Steve.  
19 Okay, next we'll have Laura Reynolds, Wendy Brainard  
20 and then Matt Schwartz.

21 MS. REYNOLDS: Thank you. Laura Reynolds  
22 representing the plants in the Clean Water Act Case  
23 which is -- Southern Alliance for Clean Energy and  
24 Friends of the Everglades and Tropical Audubon  
25 Society.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           And I do have some continued comments  
2           from earlier. And I know that the time is limited,  
3           but, again, in your packets you do have a lot of this  
4           information all referenced.

5           One, I just want to say for the record  
6           that, because this process requires avoidance and  
7           mitigation, one of the things we want you to consider  
8           is requiring conditions. And we talked about a  
9           condition that fixes the cooling canal system.

10           If that process is not able to be done  
11           under this license extension, I want all of you to  
12           tell us that, to say this is the process you need to  
13           deal with the cooling canal system within. And, you  
14           know, if I made any misstatements about your ability  
15           to require those conditions, I apologize, in my  
16           earlier comments.

17           But I think it's important that you let  
18           the public know because most of the 20 comments or 25  
19           comments we heard earlier are focused on the cooling.  
20           They're focused on the failing cooling canal system.  
21           So I'm asking all of you, because this is a two-way  
22           street, to let us know what process it is, where we  
23           can fix and address the cooling canal system.

24           So that's number one. Two, a number of  
25           people raised crocodiles, a sanctuary for wildlife.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 Really look at those numbers because after the upgrade  
2 we saw a number of, I think it was in FPL's own  
3 reporting, half of the crocodile nests died.

4 So if you're looking at protection of  
5 endangered species, you really need to take a look at  
6 the wood storks. You need to take a look at the  
7 crocodile nesting. Those, the conditions within the  
8 cooling canal system completely failed. So, again,  
9 if you're claiming that this is a sanctuary for  
10 wildlife, it wasn't through that time period.

11 The other thing again, and I focused on  
12 it earlier, is that there's misstatements and  
13 misinformation or not all of the information that was  
14 provided in the environmental report. For example,  
15 we know the cooling canal system is built into  
16 limestone. The oolitic limestone in Dade  
17 County is like a sponge. It's very transmissive.  
18 That's a fact. So for FPL, 20 separate times, in  
19 their environmental report to say this is a closed  
20 loop system and then a dozen separate times to say  
21 there's no discharge anywhere, is not true.

22 So you need to make sure you get all the  
23 information on how that report updated. I will be  
24 submitting a number of comments on their  
25 environmental report. I do think it's woefully

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 inadequate. I think that, again, there are --  
2 there's information out there that isn't being  
3 supplied.

4 For example, everywhere that Dade County  
5 looked with their new monitoring -- just a second.  
6 I'll just finish my statement. Everywhere that Dade  
7 County looked, with their additional monitoring, what  
8 they required as part of the Class 1 permit, they  
9 found a plume.

10 For example, in the Barge Basin, Turtle  
11 Point, Card Sound, Upwellings, L-31 E, they found it  
12 near the S20F structure. So the point is, more  
13 monitoring is needed. We need to really look at this  
14 location and make sure that we're not continuing to  
15 exacerbate a problems that already exist.

16 Now within your packet, as I said before,  
17 you have all the expert reports in the Clean Water  
18 Act case. I urge you to take my comments and connect  
19 the dots with that. We will be providing written  
20 comments by the 21st.

21 But because this is such a complex issue,  
22 I do ask you to consider an extension of time on those  
23 written comments. You know, it's important that  
24 everybody be able to supply you with all the  
25 information. Thank you.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 MR. BURTON: Appreciate that. Next we  
2 have Wendy Brainard, and then our last speaker is  
3 Matt Schwartz.

4 MS. BRAINARD: Hi. Thank you for  
5 listening. As a lay person who lives in Key Largo,  
6 and I've been coming to Ocean Marine Club since I was  
7 16, we're there for the beauty. We're there for the  
8 water. We're there for the fishing.

9 I can tell you my son, who is now 21, is  
10 an avid fisherman. He will tell you straight up, in  
11 the Bay, the fish aren't there that used to be there.  
12 To bring them a little bit of education, we know the  
13 cooling canals are linked in. We know that the  
14 nuclear reactor waste is coming out from the canals.

15 And you know that. Everyone in this room  
16 knows that. I, as a simple person -- simply  
17 unacceptable. Thank you for the FP&L keeping us safe  
18 during the hurricane, but bet every single one of us  
19 was worried about that at the time.

20 I think the water did rise up. If the  
21 hurricane did hit it, I think we would all be very  
22 much different situation. I implore that you have a  
23 moral standard that says those cooling canals cannot  
24 leak. They cannot leak into our beautiful, beautiful  
25 water.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           For the Chamber of Commerce woman, I  
2 think her name was Mrs. Black, speaking, yes, of  
3 course. But guess what? There is no economy without  
4 the water. There is zero economy without the water.  
5 How can you have all the fish going away?

6           And, you know, I hope the crocodiles are  
7 getting better, but we need water quality. I can  
8 look at the water right outside my window and it's  
9 different. It's changed. The temperatures are up.  
10 The algae plumes are up. There is higher levels of  
11 salt.

12           If you want to say that that's not proven,  
13 proving counts, even though you are hiding your money,  
14 as a government agency, most of us watch a lot of  
15 documentaries, you don't want to be those people on  
16 the wrong side of those documentaries coming in.

17           You don't -- you don't want to be sitting  
18 here in ten years saying that a woman like myself  
19 came up and said, hey, really think about what you're  
20 about to do. And what is the answer? The cooling  
21 tower -- cooling towers are the answer, which is what  
22 the alerting clear reactors, I believe that's what  
23 they use.

24           As a lay person, I don't really know all  
25 of this. Thank you for everyone. I'm learning a lot

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 here today. But, just simply, they're leaking.  
2 They're ruining the water. They're ruining the  
3 environment. If you're going to renew, it's got to  
4 be 100 percent something that's not going to continue  
5 to ruin our environment.

6 And there is no commerce without our  
7 gorgeous water, fishing. And I speak for everybody  
8 who lived in the keys and who come down from Dade,  
9 don't -- don't do something horrible here. Don't let  
10 them continue to let cooling canals leak. And ask  
11 yourself, why aren't they anywhere else? Please.  
12 Thank you.

13 MR. BURTON: All right, thank you. Matt,  
14 you ready to go? Okay, while Matt's coming up, I'm  
15 surprised. We're actually ahead of schedule. It's  
16 only 6 o'clock. So if there are other people who  
17 haven't spoken, who would like to speak, let me know.

18 And if there are other people who did  
19 speak and felt like they weren't able to make all  
20 their points and they feel like they want to speak,  
21 we may give you another shot. So, please, Matt?

22 MR. SCHWARTZ: Okay. Give me one second  
23 to find my place in my copious notes here. So my  
24 name is Matthew Schwartz. I am the Executive  
25 Director of the South Florida Wildlife Association.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701



1 It was an organization established in 2010 to protect  
2 wildlife and habitat in the Greater Everglades.

3 I did get to speak briefly this  
4 afternoon. I'm going to speak similarly to some of  
5 the comments I made then, but hopefully I'll have a  
6 little bit more time to extrapolate or to kind of  
7 expand on what I was talking about.

8 I started off -- I don't have it with me  
9 anymore -- but with the information from Notice 9345,  
10 Supplement -- well, let me go back to -- give me one  
11 second here.

12 I was reading from 9353, which was the  
13 NRC report on the impacts of Hurricane Andrew on  
14 Turkey Point, on the Turkey Point Nuclear Plant. And  
15 I'm just going to read the paragraph, the onsite  
16 damage.. This is your report.

17 "The onsite damage included loss of all  
18 offsite power for more than five days, complete loss  
19 of communication systems, closing of the one access  
20 road" -- I think there's only one; there is only one  
21 access road out there -- "and damage to the fire and  
22 security system and the warehouse facility."

23 There was a supplemental report that goes  
24 into more detail of what those impacts were. And  
25 here's a few of these items that I put down. All six

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 steel-frame turbine canopies collapsed. Two -- one  
2 of the two chimneys associated with onsite fossil  
3 fuels units onsite were severely damaged.

4 And that position of that chimney could  
5 have landed right on top of the building that houses  
6 the backup generators. And we'll talk about the  
7 backup generators very soon. The base anchors for  
8 the vent stack on the Unit 4 containment were lifted.

9 Four, duct work from the radioactive  
10 waste building to the vent stack failed due to  
11 hurricane-generated missiles. Five, the non-safety  
12 high caloric tank collapsed and fell on various fire  
13 protection pumps and pipes, rendering one of the fire  
14 protection systems inoperable.

15 Fast forward now to what happened in the  
16 fall of 2017 when Irma was bearing down. I gave my  
17 proper way to a reporter that was here. But it showed  
18 the trajectory of Irma heading right between Cuba and  
19 the Bahamas, right? I had a little more time. I'm  
20 just warming up.

21 Anyway, the hurricane was heading  
22 directly for Turkey Point, a Cat-5. And, by the way,  
23 comparing Andrew to Turkey Point -- or Andrew to Irma  
24 -- Andrew to Irma. Andrew was a Cat-4/Cat-5 hurricane.  
25 Winds were sustained at 145 miles an hour.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1            Irma, 185 miles an hour, it held back, at  
2 one point, for 60 hours in a row. The islands in the  
3 eastern Caribbean that got the full brunt of that,  
4 they described them as being scoured. Scoured. We  
5 know what that word means, scoured.

6            This plant would sustained heavy, severe  
7 onsite damage from a much smaller hurricane. Lower  
8 winds, much less storm surge than Irma would have  
9 generated. Had it come in at Cat-5, it would have  
10 been a very, very different scenario.

11           Eric Silagy, who we all know as the  
12 director of this company, NextEra, he was quoted in  
13 the Washington Post. He said, "We have a tried and  
14 true process in place. We have safety. We have  
15 safely operated these plants for over 40 years."

16           That's not what happened. They dodged a  
17 bullet. They got lucky. The chimney didn't fall on  
18 the generators. That's what happened at Fukushima.  
19 We have to really compare Fukushima. And I'm going  
20 to give you two more bullets.

21           But you can study the effects of  
22 Fukushima as well, which, as we know, is another  
23 coastal nuclear plant that got hit by a Tsunami. The  
24 Tsunami didn't create the melt-down that you had at  
25 Fukushima. What happened was the Tsunami wiped out

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 the backup generators.

2 The backup generators couldn't run the  
3 pumps. The water wasn't going through the reactor  
4 cores. The material melted down. We had explosions.  
5 We had three melt-downs, explosions, the release of  
6 radioactive gas into the atmosphere. We have a  
7 gigantic no-man's zone.

8 Why on earth would we want to risk that  
9 in Turkey Point when we know that hurricanes are going  
10 to get more intense. That's what all the science  
11 says. Hopefully, you guys are making a scientific  
12 decision here on this decision, on this decision to  
13 extend the life of this plant 20 years into warmer  
14 oceans, warmer air, more water vapor in the air, more  
15 water in the oceans.

16 When they studied Harvey, which is also  
17 kind of similar, because there we had all kinds of  
18 industrial equipment inundated. That's going to  
19 happen at Turkey Point. We know that, that the life  
20 of the plant right now. And people are talking about  
21 the cooling canals. Obviously, nobody is projecting  
22 less than six inches, and that's how high these  
23 cooling canals are, at best, above the sea level.

24 I'm wrapping up. During the time when I wrote  
25 about this, the little edge of Irma passed by

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 southeast Florida. It was just the edge. We barely  
2 got a hurricane in the Turkey Point area. I was told  
3 that the water level in those canals rose four feet  
4 because it's right near -- it's sea level.

5 So essentially, whatever we put in the  
6 canals, and people have spoken what's in those canals,  
7 are essentially part of Biscayne Bay. Initially,  
8 when they built the Turkey Point facility, the non-  
9 nuclear part, that warm water was going directly into  
10 Turkey Point.

11 Get six inches of sea level rise or a  
12 foot, and nobody's saying we're not going to get a  
13 foot, essentially those cooling canals are Biscayne  
14 Bay. So we're going back to the original plan of  
15 dumping water directly into Biscayne Bay. And that's  
16 happening anyway because, as everybody is saying,  
17 limestone is transmissive.

18 Those cooling canals are not separate.  
19 But the main issue for my, what I'm emphasizing right  
20 here, is that there is enormous risk. And, by the  
21 way, lessons learned from Fukushima was that you guys  
22 ordered all nuclear plants to come up with better  
23 flood control. Make sure everything is sealed tight.  
24 Make sure water can't get in anywhere.

25 And as you folks know, what happened in

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 St. Lucie? A few years ago, we had seven inches of  
2 rain in five hours. One of the buildings got flooded  
3 with 50,000 gallons of water. We don't want that to  
4 happen at Turkey Point in a critical building that  
5 might be necessary to keep the pumps running.

6 What happens if those pumps don't run?  
7 How are you going to get anything in there? There's  
8 one dirt road -- one road going into the facility.  
9 So you are putting, not -- I mean, if you make this  
10 decision, it is you. If you make this decision to  
11 extend this out, you are putting the entire region at  
12 risk from this plant.

13 And I'm not making this stuff up. When  
14 I was looking at those trajectories and I was watching  
15 the path play of Irma, I was scared. And I'm going  
16 to stop there. I'm getting two notices to stop. But  
17 thanks for listening.

18 MR. BURTON: Thank you, Matt.  
19 Appreciate it. So, okay, we do have a little time  
20 left. So I want to, if there's anybody who did not  
21 speak who would like to speak, raise your hand. We'll  
22 let you come up and speak and you can fill out one of  
23 the cards a little bit later. Anyone?

24 Okay, is there anyone who would like to  
25 take a second three-minute round to finish up their

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 thoughts?

2 (Off microphone comments)

3 MR. SCHWARTZ: Can I just make one more?  
4 Okay, just so for the record, for our supervisor, our  
5 park supervisor of Biscayne National Park here. I  
6 had long conversations with Mark Lewis, Department  
7 Superintendent of Biscayne National Park, the only  
8 national park in the United States with a nuclear  
9 plant as its neighbor.

10 And one of the things that he said to me  
11 was even if I was a friend of nuclear power, whatever  
12 my opinion is of nuclear power, this is the last  
13 place, the lowest point in Miami-Dade County, that I  
14 would ever think of putting a nuclear plant.

15 MR. BURTON: Okay, I think one, at least  
16 one person wanted to -- one three round, three-minute  
17 section round?

18 MS. REYNOLDS: Thanks. I'm glad for the  
19 extra time because, of course, there's so much to put  
20 on the record here. Wanted to just, since the  
21 superintendent was here, I wanted to just let you  
22 know that there is a letter from, in your packet that  
23 I gave you, from the National Park dated May 2016.

24 And that was based on the numeric  
25 nutrient criteria violations that the state has sent.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 You also have those graphs in your packet. And you  
2 will see that for nitrogen, phosphorous and for  
3 chlorophyll-A there are graphs on at least two  
4 locations in Biscayne Bay emanating from Turkey  
5 Point.

6 And how do we know that? Because there's  
7 also a tracer that we look at, tritium. And tritium,  
8 at the levels that we're seeing, you know, well above  
9 background are also associated with these points.

10 So tritium's used as a tracer. You also  
11 have a graphic in your packet showing the tritium  
12 radius all around the plant at levels in the thousands  
13 and in the hundreds of peak are curious. So that's  
14 in your packet as well.

15 Also you do have a position that the  
16 Florida Keys Aqueduct Authority has taken and two  
17 different resolutions -- one from Monroe County and  
18 one from Dade County requesting cooling towers.

19 The last thing I just wanted to wrap up  
20 is just to let you know that there is a lot of  
21 information here. I would very much like to  
22 continue the conversation and, again, like I stated  
23 before, if you are not able to set conditions to move  
24 this license forward, then I don't think you have a  
25 choice but to deny it or find another process in which

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701



1 we can require cooling towers.

2 All of the experts that we've consulted  
3 said that is the best method to move forward with to  
4 make sure it's safe, to make sure it's resilient to  
5 climate change and not open to the environment. You  
6 know, this, up until a few years ago, this was  
7 dependent on rainfall.

8 If they didn't get the rainfall, the  
9 salinity went way up. You know, now they're adding  
10 a lot of water. And the addition of that water makes  
11 the pollution worse. And so because it's open, it's  
12 an open system, it's very vulnerable to climate.  
13 It's vulnerable to sea level rise.

14 And for those reasons, we ask that you  
15 consider this or find another process that you can  
16 identify for us to make sure that if this does go  
17 forward, that we can require a different cooling  
18 system that's safer and doesn't pollute the  
19 environment. Thank you.

20 MR. BURTON: Lauren -- okay, Bryan? Yes,  
21 Bryan Paz, second three minutes. Is there anyone else  
22 after Bryan? Okay, I think Bryan will be the last.

23 MR. PAZ: Thanks again for allowing me to  
24 speak. I just want to, again, echo what other folks  
25 have said.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           But again, these cooling towers are not  
2 a radical request. Again, this is industry norm.  
3 There's dozens and dozens of nuclear plants across  
4 the country that have cooling towers because they  
5 understand it's critical for the integrity of the  
6 facility.

7           The cost of these at installation would  
8 be in the range of \$220 million to \$310 million. And  
9 given that it would just be granted by Units 3 and 4,  
10 make up 10 percent of the energy delivered by FP&L,  
11 this is a reasonable cost of capital to maintain  
12 what's an important system to their energy  
13 production.           These cooling tower  
14 regimens are critical to ensuring that Turkey Point  
15 does not pollute the surrounding aquifer for decades  
16 to come. And the current infrastructure in Turkey  
17 Point, in my opinion, is already flawed, and we must  
18 absolutely ensure that this pattern of weak  
19 infrastructure doesn't continue with Units 3 and 4 in  
20 the coming decades and the remaining few year.

21           NRC should also just look into whether  
22 these facilities are prepared for the projected sea  
23 level rise set out by NOAA. their January '17 report  
24 states that the global mean sea level is in the range  
25 of 0.3 meters to 2.5 meters in this century. And

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 many, obviously many climate scientists believe it to  
2 the higher end of that range.

3 So I urge the NRC to -- or actually FPL  
4 to submit a plan demonstrating how they will ensure  
5 the infrastructure at Turkey Point is prepared to  
6 deal with sea level rise and stronger storms.  
7 Thanks.

8 MR. BURTON: Thank you, Bryan. Okay,  
9 sorry. Zach, please?

10 MR. COSNER: So basically I have one  
11 final statement. I want to state that the open heat  
12 sink is addressed in the Bill Powers report in the  
13 Student Life Clean Energy packet. Bill Powers is the  
14 consultant that we've hired to basically talk about  
15 the effectiveness and the efficacy of establishing  
16 cooling towers to replace some of the cooling canal  
17 system. That is all.

18 MR. BURTON: Thank you, Zach. Anyone  
19 else? Second round? Okay, great. I'll turn this  
20 off. Okay, we appreciate all the comments. We're  
21 about to close out and adjourn, but before we do, I  
22 wanted to thank some of the people who helped to make  
23 this possible.

24 First of all, I want to thank Mayor Porter  
25 and the Homestead City Council, the City Clerk's

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 Office, Ms. Sule and her team lead by Ms. Herrera;  
2 our transcriber, Alison Bean, and our security team.  
3 Please thank Officer Rodriguez for me.

4 And I think, with that, I'll turn it over  
5 to George.

6 MR. WILSON: As Butch said, I'm George  
7 Wilson. I'm the director of for Materials and License  
8 Renewal for the NRC. I want to thank everyone for  
9 attending the scoping and screening meeting for the  
10 Turkey Point Units 3 and 4, subsequent license  
11 renewal.

12 We greatly appreciate the comments that  
13 we received during this meeting. The comments  
14 included on this meeting and at the prior meeting,  
15 the cooling canal system, how it affects Biscayne Bay  
16 and the palatable water, climate change through storm  
17 strength, sea level rising or storm surges. And  
18 earlier in the earlier session there was a comment on  
19 radioactive waste.

20 My staff will independently and fully  
21 evaluate these issues during their environment  
22 review. One of the key terms there is independently.  
23 So I know that there's been a lot of comments brought  
24 up about the environmental report. We do our own  
25 independent environmental review session.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1           So we look at the environmental report  
2           that's given by Turkey Point. And for the final  
3           item, we actually do our own independent assessment.  
4           I want to make sure that everyone fully understood  
5           that point. Would like a question?

6           MS. RIPPINGILLE: I had a question. My  
7           question is, as we plan --

8           MR. BURTON: Wait. Excuse me, for the  
9           record.

10          MS. RIPPINGILLE: Thank you. My name is  
11          Bonnie Rippingille, for the record. I'm a resident of  
12          the Florida Keys. FPL represented to us that they  
13          would have the well extraction, the extraction  
14          system, extraction wells all lined up and finished by  
15          the end of May.

16          To date, we don't know whether that has  
17          occurred or whether they're still operating on a  
18          somewhat limited system after three years of planning  
19          and testing the system. Do you know whether or not  
20          they are fully operational now and the time now is  
21          called for the ten-year period within which they have  
22          to pull back that plume?

23          MR. WILSON: I do not know that. I'm  
24          going to actually put -- we have the senior resident  
25          from the NRC, the senior resident at the site of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 Turkey Point inspector to answer your question.

2 MR. ORR: Yes, the recovery well system  
3 is in operation. I think that committed date was May  
4 15th. I think they met that committed date. But if  
5 there's a representative from FPL that would like to  
6 expound on that?

7 MR. BURTON: Dan, can you give your name  
8 and affiliation?

9 MR. ORR: Oh, I'm sorry. I'm Dan Orr.  
10 I work for the Nuclear Regulatory Commission. I'm  
11 the senior resident inspector at Turkey Point.

12 MR. WILSON: Yes, I don't know if  
13 everyone in the room -- we've actually got inspectors  
14 that go to the site every day that live in the area.  
15 Dan is the senior, so he has another inspector.

16 MS. RIPPINGILLE: Do any of the people  
17 that are here from FPL know whether or not those,  
18 that extraction system is fully operational? Can you  
19 verify that? Do you have ten extraction wells built,  
20 up and running?

21 MS. JAMES: I'm sorry. I'm a project  
22 manager. I tend to try to follow the rules. This  
23 outside the process. This is the NRC meeting.  
24 Florida Power & Light is not required to provide any  
25 answers.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 MR. BURTON: Okay. With that, I conclude  
2 the meeting. Once again, I want to thank you for  
3 attending. I do have two comments. Someone talked  
4 about -- Florida Power and Light talked about  
5 eventually coming up for another power upgrade.

6 That would have its own environmental  
7 assessment if they submitted that to us. We don't  
8 have any submission for that so the environmental  
9 assessment that we're going to do right now is only  
10 for the subsequent license renewal.

11 If the plant decides to do another power  
12 upgrade, that would have its own environmental  
13 review, so I want to just state that.

14 There was also some comments that were  
15 stated about limited significant information, to make  
16 sure that we looked at it. We have to look at the  
17 significant information. That's what we focused on.  
18 In addition, if you look at their regulations, there's  
19 an annual update that's required while we're  
20 reviewing the license renewal.

21 In that annual update every year, they'd  
22 have to include anything that would be new and  
23 significant for us to evaluate during evaluation. I  
24 just want to make those two points. And thank you  
25 guys very much.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14

(Whereupon, the above-entitled matter  
went off the record at 6:19 p.m.)