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**NUCLEAR REGULATORY COMMISSION**

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1 UNITED STATES OF AMERICA  
2 NUCLEAR REGULATORY COMMISSION

3 + + + + +

4 TURKEY POINT SITE

5 UNITS 6 & 7

6 COMBINED LICENSE APPLICATION

7 and

8 ENVIRONMENTAL SCOPING MEETING

9 + + + + +

10 Thursday, July 15, 2010

11 Homestead YMCA Gymnasium

12 1034 Northeast 8th Street

13 Homestead, Florida

14  
15 The above-entitled hearing was conducted  
16 at 1:00 p.m.

17 BEFORE: CHIP CAMERON, Facilitator

18 GERRI FEHST, Facilitator

19  
20  
21  
22  
23  
24  
25  
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P R O C E E D I N G S

1:04 P.M.

MR. CAMERON: If everyone could come in and please have a seat.

Hey, good afternoon, everyone, and I want to welcome you all to the public meeting this afternoon.

My name is Chip Cameron. And before I go into a few points about the meeting process, I wanted to -- to call your attention to the fact that we do have interpreters here for people who are Spanish-speaking, and would like to make use of the interpreters.

And we have two interpreters here. One is Brooks Michel, who is right here, and the other one is Guiomar Emedan.

If you would like to take advantage of the interpretation services I would just ask you to come over here and join Brooks and Guio. And they're going to give you a receiver to use and you can hear the translation.

As I'm talking in English here, I'm realizing that people may not understand what I'm saying. Guio, could you just repeat what I said,

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1 please.

2 (Interpretation by Ms. Emedan.)

3 MR. CAMERON: Thank you, Guio. And we're  
4 getting a little bit of feedback from the speakers,  
5 and I apologize for that. We'll get that fixed for  
6 you.

7 And there is a hard copy of the slides  
8 that are going to be shown for the presentations.  
9 There should be a hard copy in Spanish as well as in  
10 English. And as we show the slides for you on the  
11 screen, we're going to alternate between the Spanish  
12 version and the English version. And I just wanted to  
13 alert you to that in advance.

14 Now, as I said, my name is Chip Cameron,  
15 and this public meeting is about the environmental  
16 review that the Nuclear Regulatory Commission and the  
17 Army Corps of Engineers -- and I'm going to be using  
18 the acronym NRC for the Nuclear Regulatory Commission  
19 and the Corps of Engineers, for the Army Corps of  
20 Engineers.

21 The focus of the meeting is on the  
22 environmental review that these two agencies are going  
23 to perform as one part of an evaluation of a license  
24 application that we received from Florida Power and  
25 Light to build and operate two new reactors at the

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1 Turkey Point site.

2 And it's my pleasure to serve as your  
3 Facilitator for today's meeting. I'm going to be  
4 assisted by Gerri Fehst, who is right here. And Gerri  
5 is part of the NRC's Facilitation Training Program.  
6 And as facilitators for the meeting our job is to just  
7 try to help in any way we can for all of you to have a  
8 productive meeting this afternoon.

9 And I just want to talk a little bit about  
10 meeting process issues so that you understand what's  
11 going to happen this afternoon. I'd like to tell you  
12 about the format for the meeting, some simple ground  
13 rules to make sure that we do have a productive  
14 meeting this afternoon, and I want to introduce the  
15 NRC and Corps of Engineers staff who will be speaking  
16 to you today.

17 In terms of the format for the meeting,  
18 it's really a two-part format. The first part is to  
19 give you information about the NRC and Corps of  
20 Engineers' review process, and how you can participate  
21 in that process. And we're going to have some time  
22 for questions after those presentations on the process  
23 to make sure that you understand what the process is.

24 It's early in the evaluation process here, so there  
25 is not a lot that can be said about the substantive

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1 issues but, the staff can tell you what issues they  
2 might be looking at.

3 And I wanted to emphasize one thing right  
4 off the bat. Since we do have the two agencies, the  
5 Nuclear Regulatory Commission and the Army Corps of  
6 Engineers involved in this evaluation, there's two  
7 decisions that have to be made, two Federal agency  
8 decisions. One is the NRC's on whether to grant the  
9 license to build and operate the two plants, and then  
10 there is the Corps of Engineers' decision on whether  
11 to issue the permits for work in the navigable waters  
12 of the United States.

13 There is one environmental impact  
14 statement that is going to be prepared to evaluate  
15 both of those decisions. Now, the NRC is the lead  
16 agency on this because the broader decision is whether  
17 to grant a license for building and operating these  
18 two nuclear power plants. The Corps of Engineers is a  
19 cooperating agency on this environmental impact  
20 statement.

21 Each agency has a public participation  
22 process. This is a traditional NRC public meeting  
23 that we hold, and there is going to be a future public  
24 meeting on the draft environmental impact statement.

25 Now, the Corps of Engineers public

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1 participation process involves what is called a public  
2 hearing, and that public hearing has been incorporated  
3 into this public meeting today. Now, the same model  
4 is probably going to be followed for the draft  
5 environmental impact statement. However, the Corps of  
6 Engineers may decide to hold a separate meeting, their  
7 public hearing at that time. And you can hear more  
8 about this and we can answer questions for you on it  
9 when we get to the question part of the meeting.

10 And after the questions about process, if  
11 you have any questions, we're then going to go to the  
12 second part of the meeting, and that's an opportunity  
13 for the NRC and the Corps of Engineers to listen to  
14 you advice and recommendations on what issues they  
15 should look at when they prepare their environmental  
16 impact statement. And if you want to speak, please  
17 fill out a yellow card that's available at the table  
18 back there. Many of you have already done this. And  
19 that allows us to keep track of how many people want  
20 to speak this afternoon.

21 The agencies are also asking for written  
22 comments and the staff will tell you about how to  
23 submit those comments and what the deadline is. But  
24 they wanted to be here with you today, in person, to  
25 talk to you and to listen to you about all of these

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1 issues. And I just want to assure you that anything  
2 that you say today is going to have the same weight as  
3 a written comment. And you're free to speak today and  
4 also amplify on that with a written comment to the  
5 NRC.

6 The ground rules are very simple. First  
7 of all, I would just ask you to listen to all of the  
8 presentations before you ask a question, and if you do  
9 have a question please signal me and I will bring you  
10 this cordless microphone, and if you could just  
11 introduce yourself to us at that time.

12 Second ground rule is that I would ask  
13 that only one person speak at a time, and two  
14 important reasons for that. One is so that we can  
15 give our full attention to whoever has the floor at  
16 the time, and the second reason is so that we can get,  
17 what I call a "clean transcript." We do have a court  
18 reporter here, Gretchen Schultz is with us. She's  
19 taking a transcript of everything that will be said at  
20 today's meeting, and that will be the NRC and Corps of  
21 Engineers' record of what was said today. But it will  
22 also be your record as a member of the public. That  
23 transcript will be available to anybody who wants to  
24 get a copy of it.

25 The third ground rule is, I would ask you

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1 to please be brief in your comments. We have a number  
2 of people who want to speak today, and I want to make  
3 sure that we can get to everybody who wants to speak.

4 And so I am asking you to follow a three to five  
5 minute guideline with your comments, and that should  
6 give you enough time to summarize what you have to  
7 say. And I apologize in advance if I have to ask  
8 anybody to finish up before they're ready to be done  
9 so that we can move onto the next speaker. And I know  
10 that you put a lot of time and effort into preparing  
11 your comments, so, I apologize if we have to ask you  
12 to finish up.

13 Fortunately there is the possibility, if  
14 you want to use it, of submitting a written comment to  
15 amplify on what you might not have been able to say  
16 today.

17 And when you're giving your comments --  
18 and I'm going to ask you to come up here to give your  
19 comments, unless you're physically incapable of doing  
20 that and then I'll bring you this cordless microphone.

21 But the NRC and the Corps of Engineers staff are here  
22 to listen carefully to your comments today, and  
23 they're not going to be responding to your comments  
24 that you make, or any questions that you ask from the  
25 podium. They will be looking at those comments and

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1 questions, evaluating them, and they're going to be  
2 preparing what's called a Scoping Summary of the  
3 meeting where they will address your comments and  
4 questions.

5 And the final guideline is just courtesy.

6 You may hear opinions today that differ from your  
7 opinions, and just please respect the person who is  
8 giving that opinion.

9 And now I want to introduce the NRC and  
10 Corps of Engineers staff and get off the stage, so to  
11 speak, here. And before I do that, in case anybody  
12 doesn't know, I've been asked to make an announcement.

13 The restrooms are in the back of this building.

14 Okay. We're going to start off with  
15 Laurel Bauer this afternoon. And Laurel is the Chief  
16 of the Environmental Projects Branch at the NRC in the  
17 Division of Site and Environmental Reviews, and that's  
18 in the NRC Office of New Reactors. And she's going to  
19 give you an overview of NRC responsibilities.

20 I want to tell you a little bit about each  
21 speaker so that you know their background. Laurel's  
22 been with the NRC for about three-and-a-half years,  
23 and she's worked on new reactor issues exclusively  
24 during that time. She previously worked as a  
25 consultant for the Navy and for the United States

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1 Geological Survey on environmental issues. She has a  
2 Bachelor's in Archeology and Geology, and a Master's  
3 Degree in Earth Sciences from the University of  
4 Memphis.

5 After we hear from Laurel, then we're  
6 going to go to Megan Clouser. Megan is the Senior  
7 Project Manager from the Jacksonville District of the  
8 Corps of Engineers, and she's going to tell you about  
9 Corps of Engineers' responsibilities in relationship  
10 to this project.

11 She's worked with the Corps for six years  
12 on permitting issues, but before that she was with  
13 Miami-Dade County on wetlands permitting, wetlands  
14 restoration, and enforcement issues. And she has a  
15 Bachelor of Science -- of Marine Science and Biology  
16 from the University of Miami.

17 And after we hear from Megan on Corps of  
18 Engineers responsibilities, we're going to go to Andy  
19 Kugler, who's right here. And Andy is the Senior  
20 Project Manager on the review of this Turkey Point  
21 license application for new reactors. And he's been  
22 with the NRC 20 years, both as a Reactor Engineer on  
23 operating reactors, but also has served long duty on  
24 the environmental review of these applications for new  
25 reactors. And he's going to tell you about the NRC

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1 environmental review process.

2 And before Andy came to the NRC, he was at  
3 a nuclear reactor down in Louisiana, the River Bend  
4 reactor, where he served as Systems Engineer and then  
5 he was also with the United States Navy in the Navy  
6 Submarine Program. And his degree is a Bachelor's in  
7 Mechanical Engineering from Cooper Union in New York  
8 City, and also a Master's in Technical Management from  
9 Johns Hopkins University.

10 We're going to finish up with Tomeka  
11 Terry, who is right here. Tomeka Terry is also a  
12 Project Manager on the review of this license  
13 application. And Tomeka is going to give you some  
14 more details on the environmental review process,  
15 including how and when to submit public comments on  
16 this, the scoping issues.

17 She's been with the NRC for eight years,  
18 not only on new reactor issues but also on the  
19 renewal, license renewal, for existing reactors. And  
20 she has a Bachelor's and Master's Degree in Civil  
21 Engineering, and that's from North Carolina  
22 Agricultural and Technical State University.

23 So those are your speakers today. I just  
24 wanted to introduce some other people. We have the  
25 Division Director here, Tony Hsia. And Tony is the

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1 Deputy Director -- I guess I just promoted you -- but  
2 Deputy Director of the Division of Site and  
3 Environmental Reviews in our Office of New Reactors.

4 We have the Safety Project Manager.  
5 You're going to hear that there's two key aspects to  
6 the NRC's review of this license application.  
7 Environmental, which we're here to talk about today,  
8 but also safety. And this is Manny Comar. He's the  
9 Project Manager for the safety review.

10 And as many of you probably know, the NRC  
11 has Resident Inspectors at all operating nuclear power  
12 plants to make sure that NRC regulations are followed,  
13 and that public health and safety is protected.

14 And we have our Senior Resident here  
15 today, Scott Stewart. And if any of you have  
16 questions about operating plant issues, Scott is going  
17 to be here after the meeting to talk to any of you who  
18 want to talk about those operating issues.

19 And I guess that's it. We do have people  
20 here from other parts of the NRC staff. Our Office of  
21 General Counsel; Office of Public Affairs; the Region.

22 So if there are questions that we can't answer during  
23 the meeting or issues you want to discuss, please look  
24 for the people with the -- they have the white name  
25 tags on. And they'll be glad to talk with you, answer

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1 any questions after the meeting.

2 And with that, I'm going to turn it over  
3 to Laurel.

4 MS. BAUER: Good afternoon. This is  
5 Laurel. I'm Laurel Bauer and, as Chip mentioned, I'm  
6 the Branch Chief for the Environmental Projects Branch  
7 that's responsible for overseeing the environmental  
8 review of the Turkey Point Units 6 and 7 COL  
9 application.

10 I would like to begin just by thanking you  
11 all for taking time out of your schedules this  
12 afternoon to be with us and to provide your comments  
13 to us. It's very important that we hear what you have  
14 to say and we hope that your comments will help to  
15 inform our environmental review.

16 We also hope that we can provide some more  
17 information that will be useful to you in terms of how  
18 we go about doing our review.

19 We were first here in Homestead back in  
20 April of 2009, for the public outreach meeting. And  
21 at that time we introduced ourselves and we gave sort  
22 of some key information on the safety review and on  
23 the environmental review.

24 Well, this afternoon we're here to focus  
25 mainly on the environmental review. We have a number

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1 of people here who are involved in the review and  
2 hopefully, during the open house, you had an  
3 opportunity to have some meaningful discussions with  
4 them.

5 Next slide, please. Okay.

6 Just a little bit about where we are.  
7 Florida Power and Light, they applied for a combined  
8 license, COL, to construct and operate two nuclear  
9 units at the existing Turkey Point site. As part of  
10 our review process, we're required under the National  
11 Environmental Policy Act, or NEPA, to conduct an  
12 environmental review. And the product of that  
13 environmental review is the EIS, or the environmental  
14 impact statement.

15 So, the EIS is just one part of the review  
16 process. In addition, there is also a safety review  
17 that will be going on at the same time, as well as the  
18 continued review of the AP1000 reactor design, or what  
19 we call the design certification review.

20 So I want to emphasize that the  
21 preparation of the EIS is just a single part of that.

22 And only after all of those reviews are completed  
23 will a decision be made on whether to issue the  
24 combined license.

25 So for today's meeting we're going to tell

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1 you a little bit about our environmental review  
2 process, how the Corps of Engineers is involved.  
3 We're going to discuss our responsibilities to you  
4 under NEPA. We're going to go through the schedule  
5 for performing the environmental review and, equally  
6 important, we're going to be telling you how you can  
7 be involved in the process.

8 After the initial presentations, we'll  
9 then turn it over, as Chip mentioned, for your  
10 questions and also for your comments.

11 So the purpose is really to give you the  
12 opportunity to share with us what your comments are  
13 and what we should consider in the environmental  
14 review. We have a large number of staff with us who  
15 are involved in the environmental review.  
16 Nevertheless, we don't live in your community and we  
17 feel that you can provide us insights that we may not  
18 have.

19 So this is really your opportunity to be  
20 active and to be involved in the review. And it's not  
21 the only opportunity that you will have to be  
22 involved. And Andy and Tomeka, as they go through the  
23 process, will let you know a little bit more about  
24 where those places are where you can be involved, in  
25 addition to this one.

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1 And I want to stress that we are still in  
2 the early phase of the review. And right now our  
3 focus is to collect as much information as we can to  
4 effectively perform our review.

5 Next slide. Okay.

6 So before I turn it over to the other  
7 speakers, I would like to just say a few things about  
8 the NRC and to introduce the NRC to you.

9 The NRC's mission is three-fold: To  
10 protect public health and safety; to promote common  
11 defense and security; and to protect the environment.

12 And it's that third aspect of our mission, which is  
13 why we're here this afternoon, is protecting the  
14 environment.

15 The NRC is an independent agency. We have  
16 over 30 years of experience in licensing and in  
17 inspection of civilian uses of nuclear materials at  
18 facilities, including hospitals, including  
19 universities, and at nuclear power plants.

20 So, I thank you again for being with us  
21 today. And with that, I will turn it over to Megan  
22 Clouser with the Army Corps of Engineers.

23 Thank you.

24 MS. CLOUSER: Good afternoon, everybody.  
25 My name is Megan Clouser. I'm the Senior Project

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1 Manager for the Turkey Point Unit 6 and 7 project, and  
2 I'm out of the Jacksonville District.

3 Next slide, please. Okay.

4 Just to begin with, it doesn't seem to be  
5 quite the match that we thought it would be in terms  
6 of the Corps and the NRC. Because how does nuclear  
7 relate to wetlands?

8 Well, usually what happens is these  
9 nuclear power plants are in areas or waters of the  
10 United States where there are wetlands. So therefore,  
11 the Corps and the NRC do play an active role in these  
12 applications.

13 The Corps is the federal agency that  
14 administers Section 404 of the Clean Water Act, and  
15 Section 10 of the Rivers of Harbors Act of 1899. We  
16 regulate all fill, and discharge, and dredge  
17 activities in jurisdictional waters, as well as  
18 structures in, over, and under waters in the United  
19 States. The Corps permit actions are considered  
20 federal actions and must comply with the National  
21 Environmental Policy Act.

22 Next slide, please. Thank you.

23 The NRC is the lead agency and the Corps  
24 is the cooperating agency. And during this process we  
25 will be working on an environmental impact statement

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1 together and the final EIS will serve as the primary  
2 environmental document that the Corps will help to use  
3 to reach a permit decision.

4 Next slide.

5 Just to quickly go over how the Corps  
6 asserts its jurisdiction. When we're dealing with  
7 wetlands we're looking for three things: Soils,  
8 plants, and hydrology. In a fresh water system  
9 they're usually associated with a lake, a river, or a  
10 pond. And, again, it depends on the ordinary high  
11 water mark and at the point where you stop seeing your  
12 hydrophytic vegetation and your soils and water.

13 Next slide, please.

14 In a tidal system, we're dealing more with  
15 our Section 10 aspect of the project where you involve  
16 structures over waters of the United States, as well  
17 as wetlands up until the -- the furthest water extent  
18 of annual high tide.

19 Next slide. Okay.

20 And, again, public participation and  
21 involvement are important to the Corps and are  
22 critical to the EIS preparation.

23 Next slide. Okay.

24 Just a little overview of the proposed  
25 project. I also want to state that these are

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1 preliminary numbers. We have not finalized our  
2 jurisdictional determination and this is what we have  
3 that we are reviewing currently right now. We have  
4 not come to the final numbers, so at this point where  
5 they're talking about the proposed nuclear reactor  
6 site for Units 6 and 7, looking at approximately 251.8  
7 acres of fill impact, and about 24.5 acres of fill  
8 impact to open waters.

9 The transmission line corridors, again,  
10 we're talking broad swaths. We're not talking smaller  
11 areas yet. And we're dealing with about 300 acres of  
12 potential wetland impacts.

13 There's also the deep well injection  
14 proposal as well as the reclaimed water pipelines  
15 which mainly consists of approximately 45 acres of  
16 wetland impacts. Some of them may be temporary.

17 Next slide.

18 In addition, we also have the proposal for  
19 the reclaimed water facility which may encompass  
20 approximately 44 acres of wetland fill. The  
21 modifications to the barge unloading area, which would  
22 involve approximately a tenth of an acre of impacts,  
23 and as well as access roads, approximately 81.6 acres  
24 of fill. And, again, those may be temporary impacts  
25 as well.

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1 And the radial wells are structures that  
2 are proposed under waters of the United States. And  
3 then also, finally, the potable water pipelines, which  
4 encompass about 3.4 acres.

5 Next slide, please.

6 The Corps will be publishing a public  
7 notice which will coincide with the draft  
8 environmental impact statement publication. And I  
9 have given you the following website where you can  
10 check back and look. There will be a notice as to  
11 when we publish the public notice to coincide with the  
12 draft EIS.

13 And the U.S. Army Corps' permit decision  
14 on the proposed project will be made after the final  
15 EIS has been completed, but will likely precede the  
16 final decision by the NRC for their combined  
17 licensing.

18 Next slide, please.

19 Any questions, that's my e-mail address.  
20 And we do have a booth in the back, and if you have  
21 any questions please stop by.

22 Thank you. And I'll turn it over to Andy  
23 Kugler.

24 MR. CAMERON: Thank you, Megan. And I  
25 just wanted to make a couple of announcements before

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1 Andy comes up.

2 You might think you're still watching  
3 World Cup Soccer because of the buzz you hear. But  
4 those are not those long horns; they're from the  
5 lights. And it's an odd situation and, again, apology  
6 for this, but if we turn the lights off we can't get  
7 them turned back on, so the people at the meeting  
8 tonight will not have lights.

9 So I'm just going to have to ask you to  
10 bear with us on that.

11 UNKNOWN SPEAKER: There's no radiation.

12 MR. CAMERON: There's no radiation. I  
13 shouldn't say that. I'm not a scientist; I don't  
14 know. So, anyway, apologies and again, I would  
15 repeat, if there is anybody here who needs some  
16 assistance with the translation into Spanish, we have  
17 our two interpreters here.

18 And Brooks, could you just -- this time,  
19 Brooks, could you just tell people.

20 (Interpretation by Mr. Michel.)

21 MR. CAMERON: Okay. Thank you, Brooks.  
22 Andy?

23 MR. KUGLER: All right. Thank you, Chip.  
24 And I want to thank you all again for coming out  
25 today. Again, my name is Andy Kugler. I'm a Senior

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1 Environmental Project Manager at the NRC. And I'm  
2 leading the team that's performing the environmental  
3 review for the Turkey Point Unit 6 and 7 application.

4 As has been mentioned, Florida Power and  
5 Light submitted an application in June of 2009 for  
6 combined licenses to build and operate two new nuclear  
7 units, which they designated as Units 6 and 7, at the  
8 Turkey Point site.

9 If granted, these licenses would permit  
10 Turkey Point, or Florida Power and Light to build and  
11 operate those two units. There are already five  
12 operating units on that site. Three of them are  
13 fossil units. Those are Units 1, 2 and 5. And two of  
14 the units are nuclear, Units 3 and 4.

15 As we've mentioned, for the applications  
16 submitted by Florida Power and Light, the NRC is  
17 performing two reviews at the same time. We're  
18 performing a safety review, looking at whether or not  
19 these units could be built and operated safely in that  
20 location, and we're also performing an environmental  
21 review.

22 The safety review will result in what is  
23 called a final safety evaluation report, and that will  
24 document our findings as to whether these units could  
25 be built and operated safely.

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1           After both the safety and the  
2 environmental reviews are completed, those documents  
3 will become part of a formal hearing carried out on  
4 the results of the application review.

5           The public can get involved in the hearing  
6 process as well, and in a few moments I'll talk a bit  
7 more about how the public can be involved in the  
8 hearing.

9           Once the hearing is completed, then the  
10 Commission -- the Nuclear Regulatory Commission --  
11 will make its decision on whether or not to grant the  
12 licenses for these two units.

13           The focus that we have tonight is on the  
14 environmental review. And we'll talk a lot more about  
15 that as we proceed. But because the hearing is also  
16 an important aspect of our overall review process, I'm  
17 going to spend a few moments talking about that.

18           Next slide.

19           On June 18th, the NRC published in the  
20 Federal Register a Notice of Hearing and Opportunity  
21 to Intervene. This notice explains how a member of  
22 the public, if they wish to become involved in the  
23 formal hearing, can do so.

24           To become a party to the hearing,  
25 essentially what a member of the public has to do is

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1 show first that they would be in some way affected by  
2 this action; and second, they have to explain some  
3 contention, some dispute with the application that was  
4 submitted by Florida Power and Light.

5 The details on how to carry that out are  
6 provided in the Notice. I'm not going to go through  
7 all the details here. But if you need a copy of that  
8 Notice we can get that to you. It was published on  
9 June 18th.

10 If you become a party to the hearing --  
11 or, I'm sorry -- if you wish to become a party to the  
12 hearing, you have until August 17th to submit your  
13 petition. As part of that process to do your  
14 submittal, you have to get what's called a digital  
15 certificate. Because that process takes a little time  
16 -- 5 to 10 working days, or 5 to 10 days -- I'm going  
17 to recommend to you that if you believe you're  
18 interested in becoming involved in the hearing  
19 process, that you submit the request for the digital  
20 certificate as early as possible.

21 Getting a digital certificate does not  
22 commit you to anything. So if you get the digital  
23 certificate and then in the end you decide you don't  
24 want to become a part of the hearing, that's fine;  
25 that's your choice. But if you get the certificate

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1 early, then you know when you're ready to submit your  
2 petition that you have what you need to complete the  
3 process.

4 I do want to mention also, however, that  
5 if you don't become involved in the hearing, that  
6 doesn't mean you can't be involved in our review  
7 process. In particular, in the environmental review  
8 process, you will have a number of other opportunities  
9 in which to provide input to the staff for the  
10 development of our environmental impact statement.

11 Next slide, please. Okay.

12 Our environmental review is based on the  
13 requirements of the National Environmental Policy Act,  
14 what we also call NEPA. NEPA requires federal  
15 agencies to use a systematic process to evaluate the  
16 environmental impacts of our actions. For major  
17 Federal actions, the National Environmental Policy Act  
18 requires us to prepare an environmental impact  
19 statement. And the issuing of a combined license is a  
20 major federal action so we will be preparing an  
21 environmental impact statement.

22 But NEPA does more than just tell federal  
23 agencies to prepare an environmental document such as  
24 an environmental impact statement. NEPA also  
25 emphasizes the importance of public participation.

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1 And that's part of the reason we're here today is to  
2 get your input into our process to make sure we  
3 understand the issues that we need to make sure that  
4 we evaluate as we go forward in our review.

5 We'll talk a little bit more, or Tomeka  
6 will talk a little bit more about the particulars of  
7 what we're trying to accomplish today.

8 Next slide.

9 As I mentioned, the product of our  
10 environmental review will be an environmental impact  
11 statement. We accepted the application from Florida  
12 Power and Light for review back in September of 2009,  
13 and we started our environmental review in March.  
14 Part of the application submitted by Florida Power and  
15 Light is the environmental report. This documents the  
16 Florida Power and Light evaluation of the impacts of  
17 building and operating two new nuclear plants at their  
18 site. This is a starting point for our review. It is  
19 only one of the many inputs that we will use as we go  
20 forward in our evaluation.

21 Over the last two months we have been out  
22 to the site and performed what we call a site audit.  
23 We have visited alternative sites, other places that a  
24 plant could be built. We've also met with local  
25 officials, and federal, state, and local agencies to

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1 learn more about the issues that we'll be evaluating  
2 in our environmental impact statement.

3 As we've talked about, we're also  
4 collecting comments on the scope of our review from  
5 the public, and we also will eventually expect to  
6 request additional information from Florida Power and  
7 Light.

8 We'll gather all of this information  
9 together, we'll evaluate the impacts of building and  
10 operating these two new units, and we expect to  
11 publish a draft environmental impact statement in  
12 October of 2011.

13 We call that a draft, not because it's  
14 incomplete, but because the public and other agencies  
15 have not yet had a chance to comment on the results of  
16 our review. We'll review those comments once we  
17 receive them and develop a final environmental impact  
18 statement.

19 As we mentioned, the Corps of Engineers is  
20 a cooperating agency on this review. We're very happy  
21 to have them working with us, particularly because  
22 they work in this area all the time, so they have  
23 local knowledge. We are using other local resources,  
24 including the U.S. Geological Survey, to gather local  
25 information to help us with our review.

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1 As a member of our team, though, the Corps  
2 went with us on the site visits, the alternative site  
3 visits, and they've been involved with us in the  
4 interactions with other agencies. They will continue  
5 to be involved actively with us in our review and in  
6 developing the environmental impact statement.

7 That concludes my remarks. I would now  
8 like to turn it over to Ms. Tomeka Terry and she'll  
9 talk a little bit more about the process and, in  
10 particular, how we're going to collect scoping  
11 comments. Thank you.

12 MS. TERRY: Good afternoon. I am Tomeka  
13 Terry, who is also the Environmental Project Manager  
14 on Turkey Point.

15 This slide highlights levels of the  
16 overview of our environmental review process. The  
17 stepwise approach of how we meet our responsibilities  
18 under the National Environmental Policy Act, known as  
19 NEPA. Before each milestone we publish a Notice of  
20 Federal Register. The Notice of Intent to prepare an  
21 EIS and conduct a scoping review was published on June  
22 the 15th, which starts our scoping process, 60 day  
23 scoping process, from June the 15th to August 16th.  
24 The scoping period is an opportunity for you to  
25 provide your comments on the environmental issues.

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1 This public meeting today is part of that process.

2 The next step in our process is a Notice  
3 of Availability of the draft EIS, which is expected to  
4 be published in October 2011. At that time, we will  
5 have another public meeting where we will share our  
6 results on our environmental review and receive your  
7 comments on the draft. And at that time there will  
8 also be a 75 day comment period on the draft EIS.

9 The final step of the process is a Notice  
10 of Availability of the final EIS, which is expected to  
11 be published October 2012.

12 Next slide, please.

13 This slide here are most resource areas  
14 which we consider in our EIS, as you can see. Some of  
15 these areas also include transportation of fuel and  
16 waste, and also hydrology, ecological, aquatic.

17 Next slide.

18 Environmental scoping. You are the one  
19 who is familiar with this, with this community. The  
20 NRC staff has come here today so that you can share  
21 with us those environmental issues and values that you  
22 believe are important to your community. We are  
23 considering this information preparing the Turkey  
24 Point EIS. In addition to providing the comments and  
25 information here today, you have the opportunity to

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1 come and share your comments or provide additional  
2 information to us by August the 16th, as I will  
3 discuss later. We are also here to solicit any input  
4 from other agencies to join the scoping process.

5 We will include all comments that we  
6 receive in our scoping summary report, which is  
7 expected to be available on NRC website page in  
8 November 2010, which is this year.

9 The comments will show the environmental  
10 review will be considered in the NRC staff's  
11 development of the draft EIS.

12 Next slide, please.

13 Access to environmental reports. As you  
14 see, the documents can also be reviewed on our special  
15 specific website listing which is listed on the slide.

16 In addition, you can go to the Homestead Branch  
17 Library and also the South Dade Regional Library,  
18 which the hard copy of the environmental report and  
19 the CD of the COL application.

20 Also, we provide both of the libraries  
21 with a COL draft and a final EIS.

22 Next slide.

23 Submitting your comments. As stated early  
24 today, the main purpose of this meeting is to listen  
25 to and gather your comments on our environmental

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1 review. Many of you have already signed up to speak  
2 during this meeting. However, if you feel that you're  
3 not comfortable in speaking or need to leave early,  
4 there is a table in the back.

5 Adrienne, raise your hand please?  
6 Adrienne. You can handwrite your comments or mail  
7 them in, and hand them to an NRC staff as well, or you  
8 can type and submit them electronically.

9 If you think of something later, there are  
10 several other ways you can provide your comments. You  
11 may e-mail them at TurkeyPoint.COLEIS@nrc.gov; mail  
12 them, which the address that's listed on the slide; or  
13 you may fax them. The number is 301-492-3446.

14 So, again, there are several ways you can  
15 submit your comments on the environmental review.  
16 Please note there is a 60-day comment period. It's  
17 open until August the 16th.

18 Next slide.

19 Here are NRC points of contact at Turkey  
20 Point Combined License Application. Additionally to  
21 myself, I have provided you the phone number of Mr.  
22 Andy Kugler, who is the Lead Project Environmental  
23 Project Manager, and also Manny Comar, who is the Lead  
24 Safety Project Manager. Manny is here in the  
25 audience. Manny, can you raise your hand, please?

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1 And that will conclude my presentation. I  
2 will turn it over to Chip.

3 MR. CAMERON: Okay. Thank you very much,  
4 Tomeka. And that slide that Tomeka put up with the  
5 contacts is a very important one because this meeting  
6 obviously is one -- just one point in a long process.

7 If you have questions or concerns between the times  
8 that we're down here, please contact them. Andy?

9 MR. KUGLER: I just wanted to mention one  
10 thing; that I noticed a problem that I thought we had  
11 corrected on the slides.

12 On the slide that talks about submitting  
13 scoping comments and it gives an e-mail address, there  
14 is a typographical error in that address in that it  
15 should be TurkeyPoint.COLEIS. There is an "A" in  
16 there that should not be and if you were to include  
17 that in sending in a comment it wouldn't work. So I  
18 just wanted to alert you to that.

19 We'll try and get that corrected but I  
20 wanted to make folks aware of it because I noticed it  
21 when the slide was on the screen.

22 MR. CAMERON: Okay. Thanks, Andy. And  
23 because that's a pretty important typo, if we could  
24 get Adrienne and Brooke to perhaps write that down on  
25 cards for people if they need that address as they

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1 come out of the meeting, then they'll be sure to have  
2 it then.

3           Adrienne, you're shaking your head  
4 affirmatively.

5           So, if you need the exact spelling, please  
6 see the NRC staff at the back desk.

7           Okay. You've heard an overview of NRC and  
8 Corps of Engineers' responsibilities. As I mentioned,  
9 we have some time before we get to the comment portion  
10 of the meeting. A little bit of time, anyway.

11           Are there any questions on the process  
12 that the NRC and the Corps will use to evaluate this  
13 license application for the environmental impacts?  
14 Does anybody have a question on that?

15           Yes, sir. And if you could just introduce  
16 yourself to us, please.

17           MR. VAGELINE: Tom Vageline, Planner for  
18 the City of South Miami.

19           I was just curious. The discussion is  
20 about the Turkey Point plants. Does it involve the  
21 transmission facilities as well as or only the plants?

22           MR. CAMERON: Okay. Good question. Andy,  
23 can you talk about how the NRC evaluates, to what  
24 extent, whatever, the transmission lines, please?

25           MR. KUGLER: Certainly. The NRC does not

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1 authorize the transmission lines. So under the Atomic  
2 Energy Act, which is our authorizing legislation, we  
3 don't license that. But under the National  
4 Environmental Policy Act, we are going to evaluate the  
5 impacts of the entire project and that does include  
6 the impacts of transmission lines. So they will be  
7 included in our environmental review and their impacts  
8 will be explained and evaluated there.

9 MR. CAMERON: Okay. Thank you, Andy.  
10 And, yes, sir?

11 MR. MILLER: Has the NRC ever refused  
12 installation of a nuclear plant through solely  
13 environmental concerns?

14 MR. CAMERON: And your name, sir?

15 MR. MILLER: Lloyd Miller.

16 MR. CAMERON: Okay. Can we give a little  
17 bit of information on this? I don't know if we have  
18 the data to do this at this point. Bill? I'm sorry.  
19 I couldn't hear your question.

20 The question from Mr. Miller was has the  
21 NRC ever turned down an application -- and I'm not  
22 just going to -- I'm applying that broadly -- an  
23 application for a nuclear power plant because of  
24 environmental considerations? Did you hear that? Can  
25 you say anything at all and maybe you can amplify it

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1 for Mr. Miller after the meeting. Andy?

2 MR. KUGLER: So the question was has the  
3 NRC ever denied an application for a new reactor, and  
4 in particular in relation to environmental issues.

5 There is a case I'm familiar with where  
6 the NRC did refuse to issue a license for a given  
7 plant, but I do believe the issues in that case were  
8 safety issues, not environmental. I can't say I'm  
9 familiar with any specific cases where environmental  
10 issues were the deciding factor.

11 One thing that you need to understand, in  
12 a lot of cases what could happen is if we feel that  
13 there are concerns with a given proposed plant, that  
14 would lead to us saying no to building a plant, in a  
15 lot of cases the applicant will end up withdrawing the  
16 application before we say no. There's really -- if  
17 they see what's coming, if they realize we're going to  
18 say no, there's really no point for them to continue  
19 the process and they're more likely to withdraw the  
20 application rather than wait to get to the point of us  
21 saying no.

22 But at this point I'm not aware of a  
23 specific case where environmental issues were the  
24 deciding factor.

25 MR. CAMERON: It may be useful for people

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1 to also understand the request for additional  
2 information process and how that might change the  
3 particular design and impact of a plant.

4 MR. KUGLER: Okay. And what Chip's asking  
5 about is this: Florida Power and Light submitted an  
6 application. We're reviewing that application. We've  
7 already started talking. During our site audits we  
8 looked at documentation that the applicant had beyond  
9 what they had already submitted, looking for  
10 additional information in regards to our review. And  
11 if there's anything that we need that they have, they  
12 had not yet submitted, we can request them to submit  
13 that information formally so that it's publically  
14 available and use that information in our review.

15 And I think what Chip was trying to get at  
16 is, that what they submitted with the application  
17 isn't the end of the story. We can request additional  
18 information; we can request them to go back and modify  
19 or re-do analyses to make up for any issues that we  
20 feel need to be addressed further or in a different  
21 way.

22 So they can repair things in the  
23 application if we find something where we need more  
24 information. And in that way we may be able to  
25 complete a review, even though originally the

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1 application may have lacked some information that we  
2 needed.

3 MR. CAMERON: Thank you. Thank you very  
4 much, Andy. And we're going to go to the front here  
5 for a question. Yes, ma'am.

6 MS. AMOR: I have a question. When they  
7 go submit an application, my understanding is that you  
8 then do a full environmental review on that  
9 application; correct? The time, and the energy, and  
10 the cost of that I assume is taxpayer dollars. Would  
11 you estimate what the cost and the time is involved in  
12 actually reviewing that application?

13 MR. KUGLER: Okay.

14 MR. CAMERON: And Andy you may also, in  
15 answering the question, you may also want to talk  
16 about the fee arrangement and also that those fees  
17 don't go directly to the NRC.

18 MR. KUGLER: Right. Okay. So the  
19 question related to the cost of our review and how  
20 that is -- who pays for that review.

21 Well, the -- I'm not sure that I have a  
22 number for the entire review. For the environmental  
23 review, I can tell you that our contracting for  
24 consultants is in the range of, I believe, three-and-  
25 a-half million dollars. That doesn't include staff

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1 time, and I don't currently have a number that I could  
2 give you on what the staff time is and what that would  
3 equate to in cost. Clearly it's a very large review,  
4 it's pretty expensive.

5 So how does that get paid for? The NRC is  
6 a fee-recovery agency. We are required by law to  
7 collect at least 90 percent of all our costs by  
8 charging fees to our licensees and our applicants. So  
9 in this case, for our review, all of our time and  
10 effort and all the effort of our contractors is  
11 charged to Florida Power and Light.

12 Now, where do they get their money from?  
13 I imagine eventually where it comes from is their  
14 ratepayers, I would assume. I don't have control over  
15 that part of it. But what I can tell you is that our  
16 time is charged to Florida Power and Light. And so  
17 it's not taxpayers, per se, but it may be ratepayers.

18 MR. CAMERON: The money that we recover  
19 from fees goes into the U.S. Treasury as a whole. It  
20 doesn't come directly to the NRC; right?

21 MR. KUGLER: Right. The fees that FPL  
22 will pay will go into the Treasury Department. Our  
23 funding comes through Congress. Like most other  
24 agencies, Congress will appropriate funds to us.  
25 Hopefully we get back enough to continue operations,

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1 but that's up to the Congress. They'll tell us what  
2 we get.

3 So there's not actually a direct  
4 relationship there but it's -- it is typically we will  
5 get the funding. Congress will look at our budgets  
6 and establish our funding for appropriations.

7 MR. CAMERON: Okay. Thank you, Andy. We  
8 have time for one more question if anybody has one.

9 Oh, yes. Thank you, Gretchen. Could we  
10 get your name, for the record, ma'am?

11 MS. AMOR: Valerie Amor.

12 MR. CAMERON: Okay. Thank you, Valerie.  
13 All right. Thank you all NRC and Corps of Engineer  
14 speakers. And now we're going to hear from all of  
15 you.

16 And usually I like to start out with local  
17 governments or state government elected officials  
18 before we go on. And in that light, we're going to  
19 ask Mayor Otis Wallace, the Mayor of Florida City.  
20 And here is the Mayor. Thank you, Mayor. If you  
21 could just come up here. And this is Mayor Wallace.  
22 Thank you. Yes, please step up to the podium.

23 MAYOR WALLACE: Good afternoon. I'm here  
24 to speak on behalf of the Florida City Commission in  
25 support of the construction of Units 6 and 7 at the

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1 Turkey Point location. My City Commission has  
2 previously passed a resolution in support of this  
3 particular application.

4 As one of the two cities most closely  
5 located to the Turkey Point site, I sleep very well at  
6 night, given the tremendous safety record of Florida  
7 Power and Light and the concurrent monitoring day-to-  
8 day of the operations by the NRC. Florida Power and  
9 Light's safety record is simply excellent.

10 I'm mindful of the concern of many of my  
11 fellow cities north of us with the transmission line  
12 issue. Those issues do not pertain to the City of  
13 Florida City at all. However, I believe that it's  
14 good for us to understand, and I believe this is the  
15 fact, that with regard to transmission lines, it  
16 doesn't matter what kind of power source we eventually  
17 construct at the Turkey Point site. If we construct  
18 fossil fuel plants, a fossil fuel plant, that power  
19 will still have to be transmitted. Hence, the  
20 transmission lines will be necessary no matter the  
21 type of generation system we have there.

22 So the transmission line issue is not a  
23 child of the nuclear reactor request. And I think we  
24 are going to have to figure out a way to take care of  
25 transmission regardless of the power source.

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1 But with regard to our particular  
2 community, the issue of safety we're comfortable with.

3 The nuclear reactors we've had there for years have  
4 always been very professionally run with the oversight  
5 of the NRC.

6 But another factor that's very important  
7 is we constantly, throughout the country, talk about  
8 lessening our dependence on fossil fuels. Everybody  
9 agrees that we should do that, but there are times  
10 when we have to act and not just talk about it. We  
11 have an opportunity right now to meet the future power  
12 needs of this community while at the same time being  
13 sensitive to our need to get away from the Middle  
14 East-type fuels. We've got to do it; we can't simply  
15 talk about it. And I think this is an excellent  
16 opportunity to put up or shut up.

17 Additionally, as Mayor of Florida City,  
18 I'm concerned about our economy. And the building of  
19 these two power plants in our area will be an  
20 immensely beneficial operation as far as spurring our  
21 economy.

22 Safety first along with environmental  
23 protection; those are the first issue. Even with the  
24 economic benefit, if we can't guarantee safety and  
25 protection of the environment, we'll have to get jobs

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1 elsewhere. But once those two criteria are met, then  
2 the job creation becomes immensely important to me.  
3 People with jobs don't care about that aspects of it;  
4 but people without jobs simply do.

5 So we have an opportunity to spur our  
6 economy and at the same time prepare for the future  
7 energy needs of this community.

8 And that's why my council, by a unanimous  
9 vote, supports the building of these two reactors at  
10 Turkey Point. We think it's the right thing to do  
11 and, again, let's stop talking about future energy  
12 needs and our reliance on fossil fuels and let's do  
13 something about it. Today is the time; Turkey Point  
14 is the place. Thank you.

15 MR. CAMERON: Okay. Thank you very much,  
16 Mayor.

17 We're next going to go to Walter Harris  
18 who is a Commissioner from South Miami.

19 MR. HARRIS: Hello. My name is Walter  
20 Harris. I'm a Commissioner in South Miami, Florida.

21 We somewhat disagree with the previous  
22 speaker in that as a municipality and in joint force  
23 with other municipalities, we strongly oppose the  
24 construction of the nuclear plants at Turkey Point.  
25 Turkey Point is an unsafe situation.

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1           And I have here information which is  
2           printed out and been researched. Since 1972 and '73,  
3           when the two plants, 3 and 4, went online, there have  
4           been 50 citations and problems serious enough that in  
5           1988 the NRC threatened to close the nuclear power  
6           plants completely. Florida Power and Light seemed to  
7           have gotten their act together during the '90s.  
8           However, since 2002, there have been 19 major  
9           citations; since 2008, there have been 12; and last  
10          year, 2009, there were 8 major citations. Florida  
11          Power and Light was fined \$25 million by the State  
12          last year, which seems like a lot.

13                 Can you hear me? Is this going off?

14                 \$25 million last year. And although that  
15                 seemed like a lot, it was just the price of doing  
16                 business for Florida Power and Light.

17                 Their plans to build the two nuclear power  
18                 plants -- I'll simply read what we have. All this  
19                 information, by the way, is online. And you can speak  
20                 to me and I can give you our website, [www.CASE-FL.org](http://www.CASE-FL.org).

21                 "In addition to the ongoing problems from  
22                 the existing facility, the combination of losing  
23                 wetlands and worsening saltwater intrusion could  
24                 significantly impact the habitats, water quality,  
25                 surface flow, projected restoration of water levels,

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1 and groundwater hydrology functions that are the  
2 object of the Everglades restoration. Construction of  
3 the plant itself, as well as the operation of the  
4 facility, will have adverse impacts on water quality,  
5 ecology, and aesthetics of the Biscayne National Park.

6 It will negatively impact the areas' protected  
7 species, wetlands, and much-needed fresh groundwater  
8 input into Biscayne Bay."

9 That's just the tip of the iceberg. There  
10 are so many different aspects to a building of these  
11 two additional nuclear power plants at Turkey Point.  
12 When they built them in 1972 they had never heard of  
13 anything such as global warming, such as rising sea  
14 levels. Out of their consciousness.

15 Presently, five miles from here is over 2  
16 million pounds of nuclear waste. Five miles from  
17 here. As soon as the sea level covers all that up,  
18 God knows what's going to happen. Although nothing  
19 can happen -- just like with BP -- but if they had a  
20 situation similar to Chernobyl, let me just give you a  
21 little graphic information.

22 Within the 50 miles of Chernobyl lived  
23 200,000 people, 50,000 of which have died -- and this  
24 can be documented. They never publically admitted it,  
25 but 50,000 people passed away in Chernobyl. They

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1 happened to live within 50 miles of the Chernobyl  
2 plant.

3 Within 50 miles of Turkey Point are 3  
4 million people. The safety precautions right now  
5 Florida Power and Light has imposed is at Florida  
6 International University there are lots of little  
7 capsules of iodine. The actual emergency procedure  
8 will be everybody must gather up their animals and  
9 leave, get out of within 50 miles which, in case you  
10 don't know, is a physical impossibility because there  
11 are no routes out of South Florida.

12 3 million people are in harms way unless  
13 we all get up and become aware of the situation. You  
14 can get more information by going to [www.CASE-FL.org](http://www.CASE-FL.org).  
15 And I want to leave you with this information that I  
16 just got. It's all documented.

17 MR. CAMERON: Great.

18 MR. HARRIS: More information that's  
19 documented in those.

20 MR. CAMERON: Thank you very much. Thank  
21 you very much, Commissioner.

22 Okay. At this point we're going to go to  
23 -- usually people are interested in what the applicant  
24 for one of these new reactors, what the applicant's  
25 vision is in terms of need and all of that. And we do

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1 have Mike Kiley with us, who is the site Vice  
2 President at the Turkey Point site. So, Mike, if you  
3 could just speak with us, please.

4 And then we're going to go to Jeanne  
5 Jacobs, who is the President of Miami-Dade College  
6 Homestead.

7 MR. KILEY: All right. Thank you, and  
8 good afternoon to everybody here. And I would like to  
9 thank the NRC for hosting this forum and really  
10 allowing us to have a chance to speak.

11 And also, there's some tables in the back  
12 where there's some members of our staff that have a  
13 lot of literature and they can answer many, many of  
14 your questions that you may have. Or if you don't  
15 feel comfortable asking them, the cards that you were  
16 given today, you know, please just write your question  
17 down and leave it on that table and we'll provide a  
18 written response to you.

19 For those of you that haven't had an  
20 opportunity to visit the site -- and we welcome many,  
21 many visitor groups to the site -- there are 800 full-  
22 time employees at the site and approximately an  
23 equivalent number of contractors of the site.

24 Now, those 1600 people, they're members of  
25 the community; they buy their gas in the gas stations;

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1 they go to the supermarkets; their children go to the  
2 schools. My son plays baseball in the field right  
3 behind us. So it's extremely important that we  
4 operate these facilities safe and reliably. The  
5 ownership we have is for ourselves, our families, our  
6 community, and really the infrastructure of the United  
7 States.

8 As was said, we're referring to Units 6  
9 and 7, because there are five operating units at the  
10 site. There are three fossil units and there's two  
11 nuclear units. So FPL has a well balance of fuel  
12 diversity but it's important that we increase, from a  
13 diversity standpoint, our reliance on nuclear energy  
14 and renewables.

15 FPL currently is the largest generator of  
16 electricity from wind in the United States, and we  
17 have the largest solar power facility in the country.

18 We're the third largest generator of electricity from  
19 nuclear in the United States currently today, without  
20 the addition of Units 6 and 7.

21 All 104 reactors in the country are  
22 audited by an internal group called the Institute of  
23 Nuclear Power Operations. They rank the plants. All  
24 of the eight reactors currently operated by our  
25 company are all ranked as either excellent or

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1 exemplary in performance.

2 So I just want to close with, I'm proud to  
3 be a member of the Turkey Point team. I'm proud to  
4 have an opportunity to actually address the increasing  
5 demands of electricity here in South Florida. And I'm  
6 proud to have my kids in the school system and live in  
7 the area, and also proud of my staff here that, again,  
8 will be able to answer many of your questions  
9 afterwards.

10 So, thanks for your time.

11 MR. CAMERON: Thank you. Thank you very  
12 much, Mike. And, again, as Mike mentioned, I just  
13 want to emphasize that there are staff here from  
14 Florida Power and Light and also the NRC staff who  
15 will be available after the meeting. And, Mako (Ph)  
16 are you still -- is Mako still here?

17 Okay. Well, if anybody needs to talk to -  
18 - Mako, from Florida Power and Light, if anybody needs  
19 to ask them questions, Mako can coordinate that after  
20 the meeting for you. He's back there. All right.

21 We're going to go to Jeanne Jacobs now,  
22 who is the President of Miami-Dade College Homestead,  
23 and then we'll go to Barry Johnson.

24 MS. JACOBS: Thank you very much. Good  
25 afternoon to everyone. I'm really pleased to be here

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1 to speak in support of Florida Power and Light and the  
2 college's successful ongoing partnership, specifically  
3 with Turkey Point.

4 We have established a professional  
5 training pipeline which certainly supports the  
6 economic growth in our local community, and also  
7 develops and retains local talent in Miami-Dade  
8 County.

9 Just a little bit about Miami-Dade College  
10 and the Homestead campus. The Homestead campus is one  
11 of eight campuses to make up Miami-Dade College, a  
12 college that has an annual enrollment of over 170,000  
13 students representing more than 180 countries.

14 We are highly regarded in the nation. And  
15 a strong part of our mission is workforce development.

16 We pride ourselves and we work extremely hard to be  
17 part of the solution. We're community based and we  
18 work with the given communities in which we reside.

19 Having said that, Turkey Point has had a  
20 growing demand for highly-skilled workers, and we  
21 understand that they could soon experience workforce  
22 shortages, largely due to retirements. As a result  
23 we, together, developed an Associate in Science Degree  
24 program in electrical power technology.

25 And I would be here to tell you this

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1 today, that that program has been extremely  
2 successful. It was targeted for a very diverse  
3 population of incumbent workers at Florida Power and  
4 Light Turkey Point and our college students.

5 Graduates from this program meet the  
6 qualifications to work in positions in nuclear and  
7 non-nuclear facilities. To date we have had 63  
8 students to graduate from the program. And I might  
9 add that the program began in 2006.

10 Of those 63 graduates, 36 are currently  
11 working at Turkey Point and 20 are in the process of  
12 being hired. This has truly been a success story for  
13 Florida Power and Light and Miami-Dade College. It  
14 has enriched our community.

15 This year marks the 20th anniversary of  
16 the Homestead campus in this community and Florida  
17 Power and Light has been in this community for more  
18 than 30 years. We have been great neighbors. We feel  
19 very good about what we're doing to fuel economic  
20 development and we look forward to our continued joint  
21 efforts. Thank you.

22 MR. CAMERON: Thank you, President Jacobs.

23 We're going to go to Barry Johnson at this  
24 point. And after Barry we're going to go to Lloyd  
25 Miller and Thomas Saporito. Barry?

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1 MR. JOHNSON: Thank you very much and good  
2 afternoon. My name is Barry Johnson and I'm President  
3 and CEO of the Greater Miami Chamber of Commerce. We  
4 are South Florida's largest business development  
5 organization.

6 The mission of the Chamber is not only  
7 business; it's also about quality of life in South  
8 Florida. We have a very strong and vibrant Natural  
9 Resources Committee that's very concerned about  
10 sustainability and the ecology of South Florida, which  
11 is near and dear to all of us.

12 You know, I haven't met anyone who wants  
13 to see a new cellular tower built in their back yard  
14 but yet they always want to ensure that when they pick  
15 up one of these (indicating a cellular phone) it  
16 works. The same is true with power plants. Nobody  
17 really wants another one or one near them but, on the  
18 other hand, they are dependent on lights, and air  
19 conditioning, and all the other things that we enjoy  
20 as Americans.

21 And as Americans, we are very fortunate to  
22 have a process like the one that we're having here  
23 today whereby we get watchdogs who watch over  
24 industries to ensure that they're doing what they are  
25 supposed to be doing, and also giving the American

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1 people a chance to talk about things that are  
2 important to them from their point of view.

3 From a business point of view, which is  
4 the heart and soul of our Chamber, we're concerned  
5 about the growth of our economy here. As we all know,  
6 it's still hanging by a thread. And the one aspect of  
7 our economy in South Florida, across Florida, across  
8 America, is jobs.

9 Not only would the addition of the two new  
10 reactors to Turkey Point provide the energy which we  
11 will need in South Florida as our community continues  
12 to grow; 5, 6, 7 million people projected in the not  
13 too distant future. We've got to provide the kind of  
14 services that everyone expects and demands, but  
15 moreover, we have to look at jobs. We have to build  
16 our economy back, a new economy that relies on growth.

17 And the good news is that from this  
18 project it's anticipated that as many as 4,000 or more  
19 jobs will be added through the construction phase  
20 which will last five to seven years. That would be a  
21 rich addition to the workforce in South Florida, which  
22 will benefit all of us in so many, many ways, but most  
23 importantly for those people who are out of work and  
24 looking for jobs. And we have so many people in the  
25 construction industry who have been hit hard by the

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1       downturn in the economy.

2               In addition to that, when the project is  
3       completed it will include 800 jobs -- 800 more jobs in  
4       South Dade; 800 more families in South Dade  
5       contributing to the growth of our community. And  
6       these are high-skilled well-paying jobs that our  
7       community needs. Those are the jobs that will build  
8       our future.

9               And that's why our Chamber supports this  
10      project and thinks it's in the best interest of  
11      everyone who calls South Florida Home. Thank you very  
12      much.

13              MR. CAMERON: Okay. Thank you.

14              And Lloyd Miller? Lloyd, can you come up  
15      and join us here?

16              And then we're going to go to Tom  
17      Saporito, and then Caitlin MacLaren.

18              MR. MILLER: Grant me some privileges due  
19      to age, here.

20              I understood this was a meeting about the  
21      environment. I wasn't aware that it was a job fair or  
22      a PR opportunity.

23              My name is Lloyd Miller. I belong to a  
24      number of environmental organizations. In January  
25      1962, I organized and led a small group of people

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1 whose effort was to try to save the Bay from  
2 destruction by an oil refinery Petro Chemical, complex  
3 causeways, deep channels. Somehow we did that.

4 And then in 1968, President Lyndon Johnson  
5 signed a bill creating the Biscayne National Monument.

6 That's why you have a nice place out here to go  
7 fishing, boating, and just plain lovely place to be.

8 Shortly thereafter, FPL put its first oil-  
9 fired generator on the line using cooling water from  
10 the Bay and dumping used water back into the Bay. We  
11 were assured no harm would come from that. In a short  
12 time, that water had killed all life in a half square  
13 mile of bay bottom; sponges were dead three-quarters a  
14 mile away.

15 And I went to FPL's chairman, McGregor  
16 Smith, and told him I was going to go to Tallahassee  
17 and get that stopped. He laughed, patted me on the  
18 shoulder and said, "Lloyd, we own Tallahassee."

19 It is important that you out here on the  
20 front row understand that they did, they still do.  
21 There will be no environmental concern from Miami-Dade  
22 County officialdom and there will be no official  
23 condemnation from the many people who have been  
24 influenced in Washington.

25 At that time Secretary of Interior,

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1 Stewart Udall, took the federal court -- took FPL to  
2 federal court and forced them to construct an enormous  
3 cooling canal system, closed circuit cooling canal  
4 system. It's so big it can be seen from space. And  
5 it now contains super saline water and it has now  
6 penetrated and started to move in toward the farmlands  
7 and the tree farms.

8 Now comes Phase 2 of FPL's destruction.  
9 Theoretically -- and depending on who you're talking  
10 to -- they may need 90 million gallons of cooling  
11 water a day for these two new units. One plan would  
12 take that from a big sewage treatment plant to be  
13 built 25 miles up the road. How would they get 90  
14 million gallons of water a day down here? That takes  
15 a big pipe and maybe some pumping stations. They're  
16 not going to get permission to run that down through  
17 Biscayne Bay so they'll have to put it in the  
18 wetlands, and there go the wetlands next to the Bay.

19 Another suggestion would be that they take  
20 the cooling water from deep within the bottom of  
21 Biscayne Bay and Card Sound, what they call the  
22 boulder zone. No one has the foggiest notion what  
23 that would do to the surface water. Would it create a  
24 cone of water? And if it did, how would that affect  
25 the inshore current that existed for thousands of

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1 years?

2 And what will 70 million gallons of hot  
3 water do each day that they will have to get rid of?  
4 Where do you put 70 million gallons of water each day?

5 You can't pump it down into the same place you're  
6 getting your cooling water from. If they got their  
7 cooling water from the sewage treatment plant then  
8 they would want to dump the hot water down into the  
9 boulder zone. Nobody has any idea what that would  
10 mean.

11 We know that with sewage we pump way down  
12 deep into there offshore is now coming back up in  
13 Biscayne Bay and elsewhere. Also, that hot water is  
14 slightly radioactive.

15 Then there's a plan to put those two nukes  
16 on a pile of dirt 24 feet high, about 10 million cubic  
17 yards. The bulk of this would come from a piece of  
18 property that FPL owns back from the edge of the Bay.

19 That will take a very large hole, very deep.

20 I find it interesting that if FPL could  
21 load one 20-yard dump truck every three minutes and  
22 dump it on the site, it would take round the clock  
23 operation three-and-a-half years just to fill the pile  
24 of dirt; not how much water it would take to put what  
25 they want to put on top of it.

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1 Additional environmental destruction would  
2 involve their desire to put the transmission lines  
3 through Everglades National Park, because all the  
4 towns up US-1 don't want anymore transmission lines.  
5 So where else do you put them? Well, you go tear up  
6 the Everglades and put them out there.

7 If they're sending this power north -- and  
8 somebody said we need this power here in Florida City.

9 My God, we don't need two nuclear plants worth of  
10 power in Florida City. And if the power lines are  
11 going north, why don't they just leave them go up  
12 there and build a power plant up north instead of  
13 putting it down here?

14 And I'm sure some of you here in the front  
15 row have some of my concerns. Frankly, I have little  
16 faith in what might happen here. As you have heard,  
17 they have never and can't find any instance in which  
18 they have refused a nuclear power plant. They've  
19 always managed to find ways to accommodate it.

20 The only thing that I have in any hope  
21 whatsoever is that Secretary of Interior Ken Salazar  
22 will do what Secretary of Interior Stewart Udall did  
23 and take this mess to Federal Court so that we don't  
24 lose Biscayne Bay and all that it means to all of us.

25 MR. CAMERON: Thank you. Thank you very

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1 much.

2 Tom, Tom Saporito? Okay.

3 And the Mayor is ready yet, or are you  
4 still waiting? Give you some time. Okay.

5 Kaitlin, Kaitlin MacLaren.

6 MS. MacLAREN: Hello. My name is Kaitlin  
7 MacLaren. I'm here with the Tropical Audubon Society  
8 and I'm going to be giving the NRC staff some written  
9 comments on behalf of several people who wanted to be  
10 here today but couldn't because there's another  
11 science conference going on right now. But I just  
12 wanted to highlight some of the really important  
13 concerns that we have and that we hope you will be  
14 considering in the environmental impact statement.

15 Our first major concern has to do with  
16 water impact. FPL proposes to place radial collector  
17 wells 40 feet below Biscayne Bay Aquatic Preserve in  
18 the upper levels of the Biscayne aquifer. And this  
19 step -- we hope you will consider whether this step  
20 may be within the take zone of the Biscayne aquifer.

21 FPL proposes to inject 40 million gallons  
22 a day of waste in the boulder zone, a layer of the  
23 lower Floridan aquifer. And we are -- as the previous  
24 speaker mentioned, we are really unclear what the  
25 effects of this might be.

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1           The Turkey Point expansion would require  
2 either 90 million gallons a day of reclaimed water,  
3 124 million gallons a day from radial wells, or a  
4 combination of both. This is a huge amount of water  
5 and, as I'm going to discuss later, there are other  
6 better uses for this water.

7           The second area of concern, of course, is  
8 Everglades impact. The expansion will impact hundreds  
9 of acres of wetlands which is contradictory to our  
10 very expensive and very important effort to restore  
11 the Everglades right now.

12           At least 3 percent of the water to be used  
13 in the radial collector wells will come from the  
14 Biscayne aquifer. This will result in a reduction of  
15 more than 3 million gallons a day of groundwater flow  
16 needed to support the flora and fauna of Biscayne Bay.

17           This proposed expansion is in direct  
18 conflict with Biscayne Bay Coastal Wetland Project,  
19 which is part of the Everglades restoration. The  
20 availability of reused water to meet both the  
21 projected needs of FPL to operate the new plant and  
22 the needs of Everglades restoration is questionable.  
23 There was water, reused water earmarked for Biscayne  
24 Bay Coastal Wetlands Project that could be used for  
25 this project.

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1 FPL's proposed transmission corridor will  
2 impact upon lands within Everglades National Park and  
3 the footprint of BBCW and seek to fill more than 300  
4 acres of wetlands. In addition, the other proposed  
5 sites for these transmission lines is along the US-1  
6 corridor which is very important for nodal growth as  
7 this is an area where public transportation exists.  
8 And if we don't develop along these nodal corridors,  
9 then this encourages sprawl which will, of course,  
10 affect Everglades and other wetlands.

11 In addition the proposed rock mining  
12 project, which is planned within the Biscayne Bay  
13 Coastal Wetlands footprint, violates Miami-Dade  
14 County's comprehensive development master plan and  
15 interferes with the planned restoration project and  
16 could worsen saltwater intrusion and chloride  
17 contamination in Biscayne aquifer which is, of course,  
18 South Florida's primary drinking water supply.

19 In addition, we would like you to consider  
20 in the environmental impact statement, the impacts  
21 that 30 million gallons a day of steam being released  
22 into the atmosphere could have on wildlife, Biscayne  
23 Bay, and, of course, agriculture.

24 A final comment is that the -- the current  
25 -- the existing, in Units 4 and 5, as the previous

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1 speaker mentioned, are impacting our groundwater  
2 supply. And it is suspected that they are  
3 contributing to saltwater intrusion. And so we would  
4 like you to consider the cumulative effects of  
5 existing plants and then consider what additional  
6 impact a new plant will have. Thank you.

7 MR. CAMERON: And thank you, Kaitlin.

8 We're going to go to Barry White, then  
9 Michael Johnson, and then Patricia Auffhammer.

10 Barry White?

11 (No response.)

12 MR. CAMERON: Okay. Let's go to Michael,  
13 Michael Johnson.

14 Can you hear? Can you hear back there?

15 UNIDENTIFIED SPEAKER: No.

16 MR. CAMERON: Michael Johnson. And I  
17 guess we're just all going to have to speak up to  
18 project out there. Our apologies. My apologies.  
19 This is Michael Johnson. And then we're going to  
20 Patricia Auffhammer.

21 Okay. Thank you, Lloyd.

22 MR. JOHNSON: My name is Michael Johnson.  
23 I'm a member and staff of the Florida Carpenter's  
24 Regional Council, and we are in support of  
25 construction and operation of Units 6 and 7 at the

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1 nuclear plant facility.

2 I would like to discuss a few points with  
3 you. Perception, reality, and training.

4 For those of our community who has never  
5 been within the gated area of the nuclear power plant,  
6 perception could be a very scary situation. But for  
7 somebody who has had the opportunity over the last 22  
8 years to work various outages at the nuclear power  
9 plant, ladies and gentlemen, I assure you it's one of  
10 the safest areas that we have in our town, and in the  
11 State of Florida.

12 A worker, a construction worker who is  
13 trained, who goes out to work at that facility, the  
14 accountability with his training are held to the  
15 highest regard every single minute of every single day  
16 he's in that plant. Public safety is the utmost  
17 importance for FPL. They assure us daily of our  
18 responsibility in public safety.

19 Briefly I would like to discuss training  
20 with you. For this undertaking of the construction of  
21 Units 6 and 7, we're looking at jobs for over 4,000  
22 building tradesmen. Building tradesmen within the  
23 State of Florida who are either licensed by their  
24 trade and/or have the training that is necessary to go  
25 out and build this facility correctly, on budget, and

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1 on time.

2 I can speak on behalf of the Florida  
3 Carpenters, that we do not send a single person out to  
4 that plant for any piece of operation that is not  
5 properly credentialed and trained. And I can also  
6 tell you that the rest of the building trades, that's  
7 their same philosophy.

8 I ask you, as a homeowner in South Dade,  
9 as a resident of Dade County, to please support this  
10 virtue that the construction of Units 6 and 7  
11 transpire. Thank you for your time.

12 MR. CAMERON: Okay. Thank you, Michael.  
13 Our next three speakers are Rosemary, Rosemary Elikar.

14 (Inaudible comment from the public.)

15 MR. CAMERON: We don't give time like that  
16 so if you want to come up and say something, fine.  
17 But thank you. Thank you.

18 Doug Ehey and Tom Martinelli? Doug Ehey,  
19 Tom Martinelli. There is another one, similar name.  
20 You can be Tom Martinelli.

21 MR. MARTINELLI: Yes.

22 MR. CAMERON: Okay.

23 MR. MARTINELLI: Good afternoon, folks.  
24 I'll be brief. My name is Tom Martinelli. I'm here  
25 from the Clean and Safe Energy Coalition. We are a

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1 large grass roots coalition that unites unlikely  
2 allies in the academic, environmental, consumer,  
3 business and labor communities. Pretty much in favor  
4 of nuclear energy, to see nuclear energy advance more.

5 Just to go over a few points that the  
6 Mayor of Florida City hit. Number one priority for us  
7 is safety; next is to be environmentally sound; and  
8 then pretty much remind folks like you about the pros,  
9 like how efficient and how economical -- the economic  
10 impact of nuclear energy.

11 As the previous speakers have said, 4,000  
12 jobs can be created by having Units 6 and 7 built, and  
13 800 permanent jobs -- not just any regular jobs, but  
14 high-paying engineering jobs and the like, can be  
15 provided by having 6 and 7 built.

16 According to the Waxman-Markey Bill, we  
17 would probably need about 45 new nuclear reactors to  
18 meet the expectation, and I think 6 and 7 is the start  
19 of that.

20 With that said, thank you to the NRC for  
21 having -- hosting this event and we, at CASE Energy,  
22 are in favor of 6 and 7. We have more information and  
23 pamphlets over there if you guys want more  
24 information. Thank you.

25 MR. CAMERON: Okay. Thanks, Tom.

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1 And maybe we should go to Mr. Marinelli at  
2 this point. Mr. Marinelli, will you join us up at the  
3 front?

4 MR. MARINELLI: My name is Francis J.  
5 Marinelli. I have just a couple of concerns I would  
6 like to address to the Nuclear Regulatory Commission.

7 With the addition of the nuclear power  
8 plant 6 and 7, it will be doubling the waste that's  
9 being stored out at Turkey Point. I ask the Nuclear  
10 Regulatory Commission, what is being done nationally  
11 for the storage of nuclear powerplant waste? I don't  
12 see enough being done nationally for the storage and  
13 safety of this nuclear waste.

14 Also, the gentleman that spoke before from  
15 the Chamber of Commerce, which I was a member of,  
16 stated that 4,000 jobs would be available for five  
17 years. And the gentleman who was just here before me  
18 said that 800 permanent jobs would be established.

19 I would like to recall 1970 when Aerojet  
20 promised Florida City and Homestead that jobs would be  
21 created in the development of the Aerojet canal.  
22 Contractors were brought in from out of State and they  
23 got the jobs; nothing was done for the benefit of  
24 Florida City or Homestead, as you can see. I don't  
25 want to see this happen again if they decide to go

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1 ahead and approve nuclear plant 6 and 7. Thank you  
2 very much.

3 MR. CAMERON: Thank you, Mr. Marinelli.

4 Let's go to Valerie Amor and Nancy Lee.  
5 Valerie.

6 MS. AMOR: Good afternoon. I am an  
7 architect; I am a real estate broker; I write about  
8 Green; I teach about Green. The sustainability is  
9 what I'm about. There is a reason why we've had no  
10 nuclear power plants since 1973. Because they're  
11 proven not safe. If anything the oil spill has taught  
12 us is that safety and human error are always a factor.

13 Right now they don't know what to do and  
14 they don't know how to solve it because it's  
15 unprecedented for them. If these two plants were to  
16 be approved, you would be in the same kind of  
17 philosophical environmental situation.

18 The reason I say this is because where it  
19 is right now -- and I was very disappointed to hear  
20 that the U.S. Army Corps of Engineers so casually  
21 referred to that almost all nuclear power plants are  
22 placed near wetlands. That, alone, to me is a  
23 concern. This one, too, would be the same.

24 We also know through many studies by  
25 scientists that the sea level waters are rising and

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1 that I have been told through a presentation through  
2 an environmental group that I'm a part of and on  
3 committees with different towns -- I'm on a lot of  
4 different groups -- that they're going to raise their  
5 plant, I thought it was 28 feet; Lloyd said 24.

6 The reality is they know that it's a  
7 problem. So even if you raise this to do the sea  
8 level rise to accommodate that, what is happening to  
9 what's left behind?

10 This has not been satisfactorily taken  
11 care of. Waste is contained and moved, a potential  
12 problem. It is moved to Yucca Mountain that's sitting  
13 on a fault line. We are saying it's safe for now but  
14 the safety has not been proven.

15 There is -- even when I read the  
16 literature it talked about the safety measures that  
17 they've had since 2011 -- since 2001. But the reality  
18 is, it was still based on human factors. There was no  
19 new technology; there was no new way to deal with  
20 this.

21 It's not a matter of when the accident  
22 will -- or if the accident will happen; it's a matter  
23 of when the accident will happen.

24 This is the Sunshine State. We should be  
25 using sunshine as our source of energy. This is

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1 almost Neanderthal that we're still considering  
2 building more nuclear power as a way to solve our  
3 energy crisis. We have not gone beyond this point and  
4 it's very disappointing. There have been studies done  
5 by Broward County, a targeted industry study that  
6 said, solar is to be the next industry.

7 And I agree. This not a PR meeting; this  
8 is not an opportunity to talk about jobs, because I  
9 could say the same thing that's been said for this  
10 nuclear power plant: I can bring you 4,000 new jobs  
11 and I can build a solar power plant. Would you all  
12 still be so happy? And I hope you would because if  
13 there is a problem with a solar plant, millions of  
14 people will not die; or the water will not be  
15 contaminated; the air will not be jeopardized; we  
16 would not worry about our aquifers.

17 So this solution is not a solution. So  
18 when the NRC wonders what their response to this  
19 should be, it should be no, because you also have the  
20 water. The reason they want to stay in that spot is  
21 because they're going to use the ocean water to cool  
22 the reactors.

23 That hot water goes somewhere. It has  
24 been shown over and over again it produces algae  
25 blooms; it affects the pH around there; it kills the

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1 fish; it changes it. We have a fragile coral reef  
2 that runs along us. We are in a fragile environmental  
3 area. It is an environmental impact. It is not okay  
4 to build a nuclear power plant.

5 If Germany can take and stop with all  
6 their nuclear power plants, planned by the year 2020  
7 because they have found solar to be that efficient,  
8 and they get 50 percent less sunlight per year than we  
9 do, then certainly we can come up and do the same  
10 thing. Thank you.

11 MR. CAMERON: Okay. Thank you. Thank  
12 you, Valerie.

13 And here is Nancy Lee, and then we'll go  
14 to Stan Smilan and Mandy Hancock.

15 MR. LEE: I'm done. I'm Nancy Lee and I'm  
16 speaking on behalf of the Urban Environment League,  
17 which is a County nonprofit. And we believe that all  
18 the people should have access to the Government; we  
19 believe in protecting public places, natural areas;  
20 using advocacy, action, and engagement in the  
21 Government planning process and political processes  
22 for all the people.

23 Having these meetings out in one corner of  
24 the County is not fair to the rest of the County  
25 because this affects the entire County. All our

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1 commissioners vote on this and yet, you'll have it in  
2 one commission district.

3 It's all our Bay. The water which you are  
4 going to bring in to cool the plants is all our water.

5 The power lines are going throughout all our  
6 neighborhoods. This is not just a Homestead issue;  
7 it's not a local issue; it's a Countywide issue. And  
8 I would say it's a regional issue because I think  
9 Monroe County should be part of the plan, too. I  
10 think there should be meetings held all over the  
11 County.

12 The scoping meeting out to Homestead, I  
13 had to drive an hour-and-a-half to get here and I'm  
14 just on the other side of the County. So the Urban  
15 Environment League calls for scoping meetings  
16 throughout the County because this empty room should  
17 tell you something. Thank you.

18 MR. CAMERON: Okay. Thank you. Thank  
19 you, Nancy.

20 Stan, are you ready to talk to us? And  
21 then we're going to go to Mandy Hancock.

22 MR. SMILAN: You know, in an airplane we  
23 say, "Testing 1, 2, 3, 4," and then we go backwards,  
24 4, 3, 2, 1, to prove that pilots can think backwards.

25 Okay. Andy, thank you for coming here

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1 today with your team. Okay?

2 I'm a little concerned that if you turn  
3 the lights out that you can't turn them back on. That  
4 isn't establishing too much credibility for the  
5 Nuclear Regulatory Commission.

6 Anyway, I'm a retired airline pilot and  
7 I'm a resident of Palm Beach County in Southeast  
8 Florida, where we currently have 80 percent of  
9 Florida's nuclear power plants. Remarkably, we can't  
10 buy insurance to protect ourselves from a nuclear  
11 disaster. Ironically, the electric utility requires  
12 100 percent loan guarantees from the Federal  
13 Government to shield it from risks of a terrorist  
14 attack if it builds new reactors for a nuclear power  
15 plant down here.

16 Now, my reason for appearing here this  
17 afternoon is to object to an inadequate environmental  
18 report submitted in the FPL application in this  
19 licensing proceeding. As a resident and as a citizen  
20 in this democracy, I appeal to the NRC that they  
21 should require an environmental impact statement that  
22 provides a comprehensive assessment of the  
23 consequences that would result from a terrorist attack  
24 at this proposed nuclear power plant.

25 The Union of Concerned Scientists contends

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1 that a terrorist attack on such a facility and its on-  
2 site storage of nuclear waste in the cooling ponds  
3 could result in the release 20 to 30 times the amount  
4 of radioactive material as measured in curies that was  
5 released into the atmosphere at Chernobyl in 1986.

6 Now, it's noted on page 154 of the Barnes  
7 and Nobles edition of the Official 9/11 Commission  
8 Report that the initial conceptulization of the Al-  
9 Qaeda plot was to hijack 10 to 11 airplanes and  
10 crash some of them into nuclear power plants in  
11 addition to the national symbols that Al-Qaeda  
12 attacked on 9/11.

13 Also, the 9/11 Commission Report states  
14 that Mohammad Atta was considering a nuclear power  
15 plant just north of the World Trade Center as his  
16 secondary target.

17 Now, these pieces of information are  
18 sufficient cause for concern, especially so when  
19 coupled with the site-specific facts that prior to  
20 9/11, Mohamad Atta, a member of the Muslim Brotherhood  
21 Jihadists, was living in Delray Beach and shared  
22 apartments with other members of the Al-Qaeda  
23 terrorist group. Mohamad Atta was the lead pilot who  
24 crashed one of my airline's airplanes into the World  
25 Trade Center.

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1           The NRC should be made aware that the  
2 Delray Beach is situated in the midpoint equal  
3 distance between St. Lucie and Turkey Point nuclear  
4 reactors. St. Lucie and Turkey Point are 135 miles  
5 apart.

6           Now, of most significance and very  
7 alarming is the fact that the second largest Jewish  
8 population in the United States is concentrated in the  
9 tri-county area consisting of Miami Dade, Broward, and  
10 Palm Beach Counties, and that's between these two  
11 nuclear power plant sites.

12           A cascading effect of a terrorist attack  
13 on the nuclear plants would've been transgenerational  
14 genocidal events due to the unleashing of ionizing  
15 radiation from radioactive fallout causing  
16 irreversible genetic damage and genetic mutations that  
17 manifest into cancer over a long latency period.

18           Additionally, it should be noted that all  
19 major roads pass through the 10 mile evacuation zones  
20 of St. Lucie and Turkey Point. In a worst case  
21 scenario of simultaneous attacks on St. Lucie and  
22 Turkey Point, that disrupted the water supply in the  
23 cooling ponds, the human population could be subjected  
24 to lengthy exposure periods that would increase total  
25 body absorption to ionizing radiation. Such attacks

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1 could be launched by relatively small aircraft  
2 evacuating from the Caribbean in advance of an  
3 impending hurricane, and manned by suicide bombers  
4 functioning as Kamikaze pilots.

5 The NRC knows full well that in 1988 and  
6 1990, Congress passed the Radiation Exposed Veterans  
7 Compensation Act and stipulated that 21 categories of  
8 cancer are attributable either as a causative or  
9 contributory factor to the exposure to ionizing  
10 radiation from radioactive fallout.

11 The NRC knows full well that induced  
12 genetic damage and genetic mutations are precursors  
13 from manifesting over 21 categories of cancer as  
14 stipulated by the Congress. The NRC knows full well  
15 that cancer is a genetic process and that ionizing  
16 radiation causes genetic damage and that genetic  
17 damage and cancer are inextricably intertwined. You  
18 cannot separate the two.

19 However, the NRC disingenuously avoided  
20 mention in its supplemental environmental impact  
21 statement of August 2007, in a Diablo Canyon license  
22 proceeding, that small children -- they omitted this --  
23 -- that small children, pregnant women, women of  
24 childbearing age, and the elderly are seriously  
25 impacted and vulnerable to acquiring induced genetic

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1 damage from exposure to ionizing radiation of a  
2 magnitude as little as 5 rems.

3 Now, because of the concerns linking  
4 ionizing radiation to genetic damage, the Atomic  
5 Energy Commission provided the initial funding for the  
6 Human Genome Project. Most people don't know that.  
7 That Project today is jointly funded by your parent  
8 organization, the Department of Energy, and the  
9 National Institutes of Health.

10 Now, whereas the Department of Energy has  
11 a legitimate role in promoting atomic energy, the NRC  
12 is tasked solely with the regulation of safe practices  
13 for the use of nuclear materials. However, it appears  
14 that the NRC has overstepped its authority and is  
15 illegally and actively engaging in promotion of  
16 nuclear power by obfuscating and omitting from  
17 environmental impact statements, the true risks and  
18 consequences of a terrorist attack on a nuclear power  
19 plant.

20 Now, the perception is this: That the NRC  
21 is on an unauthorized rescue mission to provide the  
22 electric utilities with a profitable means to survive  
23 as a monopolistic growth industry. Nuclear power is  
24 three times more profitable for the electric utility  
25 industry than conventional power plants.

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1           Aside from saddling the taxpayers with  
2 extraordinary risks that will far exceed this spill  
3 that's going on in the Gulf --

4           MR. CAMERON: Stan --

5           MR. SMILAN: You're making me nervous.

6           MR. CAMERON: Could you --

7           MR. SMILAN: I claim the extra minute  
8 because I have a combat-related disability.

9           MR. CAMERON: It's been an extra -- it's  
10 been an extra --

11          MR. SMILAN: And I'm an American citizen  
12 and the purpose of this meeting is to --

13          MR. CAMERON: It's been an extra --

14          MR. SMILAN: -- bring to the attention of  
15 this Agency. I have another half a page.

16          MR. CAMERON: Good. With an extra three  
17 minutes --

18          MR. SMILAN: Do you have the patience to -  
19 - stand back, sir.

20          MR. CAMERON: Sir, I just want to ask you  
21 to please sum up.

22          MR. SMILAN: Okay. Stand back. Stand  
23 back.

24          MR. CAMERON: All right. Please finish.

25          MR. SMILAN: Now, aside from saddling the

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1 taxpayers with extraordinary risks, the nuclear power  
2 will crowd out dramatically energy-efficient  
3 competition from decentralized co-generation such as  
4 the 21 megawatt plant that provides the entire campus  
5 at Massachusetts Institute of Technology with  
6 electricity, heating, and cooling by extracting twice  
7 as much useful energy and using half as much fuel as a  
8 conventional power plant.

9 Now, I -- this is my final concluding  
10 paragraph.

11 MR. CAMERON: Thank you.

12 MR. SMILAN: Okay. I urge the NRC to  
13 include in the EIS a comprehensive assessment of the  
14 environmental impacts of a terrorist attack. There is  
15 a greater probability of a terrorist attack than an  
16 accident at a nuclear power plant in Southeast  
17 Florida. We concede that Florida Power and Light can  
18 operate a safe nuclear power plant. That is not the  
19 issue and that is not the way to frame the issue.

20 The way to frame the issue is this: That  
21 Florida Power and Light and the NRC have a reckless  
22 disregard for the heightened risk of a terrorist  
23 attack in Southeast Florida.

24 So, sir, please take my recommendation  
25 seriously.

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1 MR. CAMERON: Do you want us to attach  
2 that to the transcript?

3 MR. SMILAN: Yes.

4 MR. CAMERON: Okay. We'll do that.

5 MR. SMILAN: I'll also give you some more  
6 stuff, too, which your five-minute format doesn't  
7 allow for.

8 MR. CAMERON: Thank you.

9 MR. SMILAN: How in the hell do you even  
10 let these people come up here and do PR stuff for the  
11 damn power and light company. It's disgraceful.

12 MR. CAMERON: Thank you very much, and  
13 we'll put this on the record.

14 And now we're going to go to Mandy  
15 Hancock. There is Mandy, and then we're going to go  
16 to Lance Cornick, and Steve Showen. All right.

17 MS. HANCOCK: Okay. I have copies of this  
18 if anyone needs anything. I'm going to speak fast  
19 because I have a lot to say.

20 My name is Mandy Hancock and I am the high  
21 risk energy organizer with Southern Alliance for Clean  
22 Energy. We are a regional non-profit organization  
23 with members here in Florida, in FPL's service region,  
24 and across the Southeast concerned about the impacts  
25 energy choices have on our health, economy and

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1 environment. Thank you for having this meeting.

2 We have serious concerns about FPL's push  
3 to build two new reactors here in Miami-Dade County  
4 that the Nuclear Regulatory Commission must address as  
5 they prepare the draft EIS. The uncertainties  
6 continue to escalate, putting ratepayers, taxpayers,  
7 and the environment at increasing risk.

8 Turkey Point has a long history of  
9 infractions with the NRC, including three violations  
10 in its storage of radioactive nuclear waste just last  
11 month. With vast amounts of radioactive waste already  
12 on site, allowing more reactors to be built that will  
13 generate more waste, is irresponsible when FP&L cannot  
14 safely manage what has already been produced. Despite  
15 the NRC's Waste Confidence Rule, communities in South  
16 Florida do not have confidence in FP&L's ability to  
17 manage this toxic waste.

18 The NRC should be aware that FPL's  
19 ratepayers aren't happy about the tens of millions  
20 they have already been forced to pay in advance given  
21 the pre-payment scheme in place to finance new  
22 reactors in Florida. And FP&L is asking again the  
23 troubled Florida Public Service Commission for tens of  
24 millions more with hearings set for the end of August.

25 There are more affordable ways for FPL to

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1 meet energy demand while protecting the environment  
2 and tackling global warming. As SACE and the NRDC  
3 testified to the PSC in 2009, simply increasing energy  
4 efficiency goals by 1 percent could save enough energy  
5 to estimate the need -- to eliminate the need for new  
6 reactors, while saving ratepayers money.

7 Additionally, investing more resources in  
8 solar and clean bio-energy, instead of costly new  
9 reactors, would benefit FPL and offer economic  
10 development opportunities for Florida, without  
11 draining our water resources or pocketbooks. The NRC  
12 must evaluate updated information using a combination  
13 of these sustainable energy choices, including energy  
14 efficiency, before allowing FP&L to commit billions of  
15 dollars, billions of gallons of water, and nearly an  
16 entire decade to building these reactors when that  
17 time and money could be better spent on less risky  
18 options.

19 Energy efficiency measures preserve our  
20 water resources, save customers money, and also pose  
21 no health or safety risks to the public. Florida  
22 utilities have significant resources to tap in these  
23 areas as outlined in a recent extensive report,  
24 "Energy Efficiency in the South," by Georgia Tech and  
25 Duke University, and our report, "Yes We Can: Southern

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1 Solutions for a National Renewable Standard."

2 Renewable energy technologies, such as  
3 solar and wind, do not require extreme manipulation of  
4 our precious water resources. The environmental  
5 report overlooks the potential for FPL to pursue a  
6 combination of wind and solar resources within its  
7 service territory and states there is no renewable  
8 technology alternative that could mitigate the need  
9 for nuclear power. The alternative analysis is based  
10 on an archaic assumption that base load power is  
11 needed.

12 Last April, Federal Energy Regulatory  
13 Commission Chief Jon Wellington told the U.S. Energy  
14 Association that saying we need base load energy is  
15 like saying we need mainframe computers. The  
16 technology currently exists for distributed energy  
17 systems that negate the need for base load power.

18 Further, the NRC must use updated  
19 information to reevaluate FPL's 2008 analysis for the  
20 new reactors in terms of the need for power given --  
21 for the need for power, given the economic downturn  
22 and significant reduction in demand.

23 The NRC needs to acknowledge that this  
24 area is an extremely sensitive hydrological  
25 environment. The history of the Everglades and the

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1 current costly restoration projects illustrate the  
2 long-term shortsightedness that has scarred Florida's  
3 waterways.

4 When comparing energy types -- when  
5 comparing types of energy generation, nuclear power  
6 has higher rates of both water withdrawal and  
7 consumption than coal and natural gas and far more  
8 than renewable energy sources, such as wind and solar.

9 The 2010 report I mentioned earlier by  
10 Georgia Tech and Duke University examined the energy  
11 efficiency in the South and it illustrated ways to  
12 substantially reduce energy needs, while  
13 simultaneously reducing water consumption. According  
14 to the report:

15 "In the North American Electric  
16 Reliability Council regions in the South, 8.6 billion  
17 gallons of freshwater could be conserved in 2020,  
18 which is 56 percent of the projected growth in cooling  
19 needs. And in 2030 this could grow to 20.1 billion  
20 gallons of conserved water, which is 45 percent of  
21 projected growth."

22 Instead, we see FP&L projected figures for  
23 water demand in 2025 to include a 35 percent increase  
24 for public and commercial needs and a whopping 3,224  
25 percent increase for thermoelectric power generation.

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1           The NRC needs to fully evaluate less  
2 water- intensive energy alternatives -- efficiency and  
3 renewables -- including using a combination of these  
4 energy sources. The NRC also needs to analyze the  
5 impacts such a drastic increase in water demand from  
6 the power sector could cause to this area.

7           As the NRC is aware, FPL already operates  
8 three reactors here in Florida and is proposing to  
9 build two more. FPL also proposes to build an onsite  
10 storage facility to deal with the high level  
11 radioactive waste already overflowing in the spent  
12 fuel pools. This amount of radioactivity clustered in  
13 such a population-dense, hurricane-prone area could  
14 create significant safety and health concerns for  
15 Floridians. The NRC must address these cumulative  
16 impacts.

17           Miami-Dade is an extremely population  
18 dense area with 1158 people per square mile. Although  
19 FP&L and Westinghouse state that the probability of a  
20 severe accident is very low for the AP1000, this  
21 reactor design has never been built or operated  
22 anywhere in the world.

23           Can they guarantee that an accident will  
24 never occur? Let's remember that the oil disaster  
25 Gulf communities are now grappling with was also

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1 supposed to be a very unlikely event.

2 A recent technical report by Mr. Arnold  
3 Gundersen, a nuclear engineer with decades of industry  
4 experience, raises serious concerns about the safety  
5 of the AP1000 reactor design, concluding that the  
6 containment vessel is less safe than current reactors  
7 that have had a history of containment failures.

8 This concern, coupled with the high  
9 population density of the region, should be fully  
10 evaluated by the NRC. This is especially urgent in  
11 light of FPL's accident analysis scenarios, which  
12 assume that 95 percent of the population will be  
13 evacuated if an accident occurs. In such a highly  
14 populated area, it seems unlikely that 95 percent of  
15 the population could be evacuated in a timely enough  
16 manner to avoid exposure in the event of a severe  
17 accident.

18 Would this be possible if a serious storm  
19 or hurricane were threatening the area at the same  
20 time? I think not. A 1982 Congressional report  
21 estimated that if a meltdown occurred at just one of  
22 the existing Turkey Point reactors it could cause  
23 29,000 peak early fatalities -- that's 29,000 deaths  
24 in one year, and that's based on 1982 population  
25 numbers -- and \$48.6 billion in property damage, also

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1 based in 1982 money. It's a lot more now.

2 In light of the ongoing, devastating BP  
3 oil disaster, the last thing Florida and this country  
4 needs is to approve another risky energy technology  
5 such as the proposed Turkey Point reactors. We demand  
6 the utilities utilize technologies to create an energy  
7 system that does not threaten public health and devour  
8 -- and safety, nor devour economic, environmental, and  
9 water resources.

10 The inherent power in the Earth's  
11 environmental systems, along with measures to reduce  
12 overall energy demand, can provide the energy needed  
13 without degrading ecosystems and depleting  
14 life-necessary resources. There is an opportunity to  
15 do things in different non-radioactive ways.

16 Thank you.

17 MR. CAMERON: Thank you, Mandy.

18 Lance.

19 MR. CORNICK: Hello. Lance Cornick with  
20 National Parks Conservation Association.

21 We are not opposed to nuclear energy but  
22 we don't support additional reactors next to the  
23 national parks that we're trying to restore and  
24 preserve. I just wanted to make a couple of points  
25 for the record. I'll be brief.

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1           The new reactors will require more fresh  
2 water for cooling and there's already a shortage of  
3 water in the natural system.   So, although the  
4 comprehensive Everglades Restoration Plan plans to  
5 provide reused water to help restore Biscayne Bay, the  
6 two new reactors would require additional water as  
7 well.   This plan puts Florida Power and Light  
8 development in competition with Everglades Restoration  
9 and we think restoration has had enough competition  
10 already.

11           We also continue to be concerned about the  
12 saltwater intrusion into the Biscayne Bay that is  
13 being facilitated by the current cooling canals.   The  
14 effects of the increased salinity are negatively  
15 impacting Biscayne Bay restoration efforts.

16           Lastly, the plan calls for nearly 90 miles  
17 of new transmission corridors.   NPCA is particularly  
18 opposed to the western corridor proposal which calls  
19 for the construction of more than 50 miles of power  
20 lines either within or adjacent to Everglades National  
21 Park.   FP&L hasn't given any alternative plans that  
22 are acceptable with respect to the placement of these  
23 power lines, which are bad for migratory birds,  
24 parklands, and wetlands alike.

25           Now, for these reasons we do not support

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1 the proposed expansion. Thanks for this opportunity  
2 to give the comment.

3 MR. CAMERON: Okay. Thank you. Thank  
4 you, Lance.

5 Steve, Steve Showen, and then we're going  
6 to go to Bill Diggs. Thank you.

7 MR. SHOWEN: Good afternoon. I'm Steve  
8 Showen with Citizens Alliance for Safe Energy.

9 In light of the recent BP Gulf disasters,  
10 I am reminded of what can go terribly wrong in a  
11 system where the potential for catastrophe is inherent  
12 within it.

13 Chernobyl and Three Mile Island are  
14 testament to that, notwithstanding technical  
15 improvements since then as is the elaborate safety  
16 precautions, around-the-clock operational monitoring,  
17 and agency oversight required to protect us from the  
18 failures of nuclear power. And should the unspeakable  
19 happen, unlike in the case with BP, the U.S.  
20 Government is responsible for the financial losses.  
21 That's you and I, John Q. Public.

22 Other people have spoken very eloquently  
23 about other issues of water usage, sea level rise,  
24 waste storage, terror attacks, and the safety of the  
25 AP1000 design. These factors are sufficient to say

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1 the precautionary principal has been exceeded many  
2 times over by nuclear power.

3 In addition, the public is largely unaware  
4 that radioactive emissions are permitted legally in  
5 normal operations of nuclear plants. Also, a number  
6 of nuke plants have leaked radioactive effluent into  
7 underground drinking aquifers.

8 The health effects on communities has not  
9 been adequately studied, and the presence of childhood  
10 leukemia clusters in the vicinity of nuke plants  
11 raises serious questions about the possible  
12 connections. It is to these curious questions about  
13 the environmental impacts on public health that I  
14 request that the NRC add to its scope of inquiry.

15 In reality, nuclear energy is a dinosaur  
16 that would be extinct if left to market forces except  
17 for its resuscitation by huge infusions of public  
18 cash. Wall Street considers nuke power too risky to  
19 invest in and nuclear energy is the most expensive  
20 form of energy. It can't make it on its own. Hence,  
21 we see the political influence of the industry in the  
22 halls of government.

23 The FP&L has garnered several hundred  
24 millions from its ratepayers at this early stage  
25 through the Florida's Early Cost Recovery Program

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1 awarded by the Public Service Commission. Under the  
2 program, FP&L could conceivably recoup the cost of --  
3 the entire cost of the plant, estimated to be between  
4 14 and 30 billion, and may not actually be required to  
5 ever build that plant.

6 Because the Public Service Commission did  
7 not rule favorably for the FP&L this last time around,  
8 a shakeup in the PSC Board has ensued, raising  
9 questions about the long reach of FP&L's political  
10 influence. In addition, tens of billions of the  
11 climate bill have been earmarked for the nuclear  
12 industry.

13 It's imperative that the U.S. invest in a  
14 safe, sustainable energy paradigm for the 21st Century  
15 that can also help revitalize our economy and create  
16 vastly more jobs than Turkey Point could ever dream  
17 of.

18 The nuclear industry claims that it is a  
19 necessary piece of that energy future. On the  
20 contrary, studies indicate that the energy mix will  
21 not require a nuclear component. In the ten years it  
22 takes to bring a new plant online, we could've been  
23 developing a new truly Green energy technologies.  
24 Because the nuke industry cannot compete on its own  
25 without massive government subsidies, it threatens our

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1 bright Green future by drawing public investment away  
2 from it.

3 We, the public, must scope out all the  
4 factors in choosing our energy future, and that choice  
5 should be ours, not that of an entrenched powerful  
6 industry attempting to foist a costly, dangerous, and  
7 anachronistic technology upon us. Thank you.

8 MR. CAMERON: Thank you. Thank you,  
9 Steve.

10 And I believe we have Bill Diggs next, and  
11 Yvonne Knowles, and Hector Landeta.

12 MR. DIGGS: Good afternoon. My name is  
13 Bill Diggs. I'm the President of the Miami-Dade  
14 Chamber of Commerce, and we're one of the largest  
15 Chamber of Commerces in the Southeastern Region that  
16 deals with issues that affect small or minority-owned  
17 business.

18 And I've got a unique history in regards  
19 to nuclear plants as I am a past resident of Augusta,  
20 Georgia. That's where I grew up at. And the Central  
21 Savannah River area is probably one of the largest  
22 nuclear sites probably in the country. It was an area  
23 that literally well over 50 percent of my family has  
24 worked over the past three generations. It's where  
25 that community has supported and sent kids to college

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1 and gave college internships, and jobs, and  
2 consequently it took a small little sleepy country  
3 town to a community that is now thriving. And  
4 needless to say, I'm standing here and having lived at  
5 the foot of this nuclear site for well over 30 years  
6 of my life, I still stand here healthy and needless to  
7 say, I can say that all of my family members have  
8 experienced the same thing.

9 So when I look at this opportunity for  
10 growth and expansion in an area that truly needs it,  
11 I, because of not just what someone has told me or  
12 what someone has talked about, but it is something  
13 that I've lived, I see the benefits of it. I see kids  
14 being able to get jobs and come back home to a  
15 community that they're so very proud of. I see adults  
16 being able to take care of their elderly family  
17 members because of the amount of revenue and commerce  
18 that is being sparked.

19 So with some of you I agree and others I  
20 vehemently disagree. And I say that this is about  
21 jobs, but it is about lifestyle, it's about living,  
22 and it's about opportunity.

23 We are at a difficult time in our history  
24 in this country. Jobs are hard to come by; college  
25 kids that you've spent your life savings to send to

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1 school are having difficult time finding  
2 opportunities. I submit to you this: They'll either  
3 find it here or somewhere else.

4 But at the end of the day this is our  
5 community. And I stand, if nothing else, but an  
6 example of what can happen when community and business  
7 works together, because it's not just about jobs.  
8 It's about lifestyle; it's about faith; it's about  
9 hope. And it's about making sure that the things that  
10 this gentleman who seems to be retired, military  
11 person, does understand. We need to make sure that  
12 we're safe in regards to what we do and we need to  
13 take those threats seriously.

14 But at the end of the day you have to  
15 understand it is about your children, giving them the  
16 hope for the future.

17 So I want to let you know that if nothing  
18 else, you can look and you can say: At least there  
19 goes a young man who has lived at the foot of a  
20 nuclear site, whose generations of his family have  
21 lived at the foot of a nuclear site, and we're all  
22 okay.

23 And to be honest with you, we're having  
24 our family reunion there next month and we're excited  
25 about it. Thank you.

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1 MR. CAMERON: Thank you. Thank you, Bill.

2 Yvonne, Yvonne Knowles?

3 (No response.)

4 MR. CAMERON: Okay. Hector, Hector  
5 Landeta, and then we'll go to Matthew Schwartz and  
6 Miguel Waldo.

7 MR. LANDETA: Thank you. Good afternoon,  
8 everyone. My name is Hector Landeta. I'm an  
9 Industrial Engineer and I'm the General Manager, Value  
10 Place Hotel.

11 I'm here to support FP&L in the  
12 construction of the two new reactors. As an engineer  
13 I like numbers and we have been thrown a lot of  
14 numbers here. In fact, let me tell you a few things  
15 that are very interesting.

16 Data shows that the nuclear power plants  
17 contribute significantly to local economies. These  
18 are averages. The creation of a nuclear power plant  
19 will result in a creation of 1400 to 1800 jobs during  
20 the construction, with peak employment at 2400. As we  
21 can see in the back, FP& L has 3600, so the numbers  
22 are better.

23 Operating a nuclear power plant generates  
24 from 400 to 700 permanent jobs and these jobs pay 36  
25 percent more than average salaries in the local area.

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1 Again, FP&L has 800 permanent jobs.

2 These permanent jobs create an equivalent  
3 number of additional jobs in the local area and  
4 provide goods and services necessary to support the  
5 nuclear workforce such as grocery stores, dry  
6 cleaners, et cetera. We're looking forward to that.

7 Each year an average nuclear plant  
8 generates approximately 430 million in sales, goods,  
9 and services in the local community and nearly 40  
10 million in total labor income. Again, they have  
11 better numbers. They see -- they have 6 billion -- 6  
12 billion in economic benefits to local economy over the  
13 next decade.

14 Where we're talking also mainly today  
15 about the environmental, these are some numbers. The  
16 average nuclear plant avoids the emission of  
17 approximately 10,000 tons of nitrogen oxides and  
18 32,000 tons of sulfur dioxide each year. Those are  
19 very important for us right now.

20 To be more specific to the lodging  
21 industry, which I'm part right now, this power plant  
22 would produce a stabilizing effect on the local  
23 economy. It will compliment the tourism industry.  
24 And as maybe you know this, especially people from  
25 FP&L, refueling takes place every 18 to 24 months for

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1 each reactor and brings several hundred workers from  
2 outside the local area who stay in the hotels, motel,  
3 and eat in our local restaurants. Each reactor  
4 alternates its refueling schedule, usually resulting  
5 in at least one refueling or significant equipment  
6 installation per year, typically for us during a slack  
7 part of the tourist season.

8 Currently, FP&L brings business to our  
9 community and we will certainly would like to see  
10 more. That is why Value Place Hotel believes strongly  
11 in the importance of this project and its positive  
12 effect to our community. I hope that these facts just  
13 mentioned have been helpful to you and to contribute  
14 will -- and emphasize the importance of construction  
15 of the power plants in Homestead and the partnership  
16 between our community and FP&L, one of the economic  
17 drivers in our community.

18 Thank you very much.

19 MR. CAMERON: Matthew Schwartz. And how  
20 about Miguel, Miguel Waldo?

21 Is Grey Fenler here?

22 (No response.)

23 MR. CAMERON: Megan, Megan Ryan? Hi,  
24 Megan.

25 MS. RYAN: Hi. My name is Megan Ryan and

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1 I was born in South Florida, in Plantation. I live in  
2 Boynton Beach. I've lived there my whole life. I now  
3 attend the University of Central Florida and I'm a  
4 member of IDEAS, Intellectual Decisions on  
5 Environmental Awareness Solutions, and we are opposed  
6 to these two nuclear reactors at Turkey Point.

7 Growing up in Florida I have seen  
8 firsthand our issue with water consumption and lack of  
9 water. Lately, reports of clean water becoming scarce  
10 is an issue being talked about by many world leaders.

11 Half of the world's schools do not have access to  
12 clean water and 1.5 billion people do not have access  
13 to clean water either.

14 We're taking water, one of our most  
15 precious natural resources, for granted by consuming  
16 so much through nuclear energy. Conserving water and  
17 our incredible ecosystems in Florida should be a main  
18 priority and a main influence for FP&L decisions.

19 Nuclear power is very water-intensive and  
20 we'll only have problems in the future. It is not  
21 efficient as other options that Florida should be  
22 considering, such as solar and wind.

23 My next concern is the risk of building  
24 nuclear reactors so close to Miami and the Everglades.

25 In light of the recent Gulf oil spill, which upsets

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1 me very much, do you think it's a good idea of taking  
2 more risks with new technologies? I don't and that's  
3 why I'm here today. Why risk so much when there is  
4 other, better technologies such as solar?

5 Energy efficiency and clean renewable  
6 energy should be our main focus right now. It will  
7 save money in the long term so that future generations  
8 have a chance. This should be our choice, the  
9 ratepayers. Me, my family, my neighbors, we have  
10 already seen an increase in our bills to start paying  
11 for these reactors. These risky projects have a  
12 history of going over budget and taking longer than  
13 promised.

14 We need solutions fast in order to become  
15 less dependent on foreign oil and oil in general. We  
16 see how many issues it's causing. National security,  
17 the Gulf. Where are we going to draw the line?

18 I would much rather see my rates go up for  
19 secure, safe energy such as solar than be paying for  
20 nuclear in Turkey Point.

21 My generation and future generations  
22 deserve a life without risks, without water  
23 consumption issues, and without high energy bills.

24 I'm going to skip over some of my things  
25 that I've previously written to address, things that

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1 have been talked about today such as jobs.

2 We need jobs. My generation is coming  
3 into this hard economic times and we need jobs.  
4 You're promising 800 full-time jobs for South Florida  
5 for these two reactors. I graduated in a class of 935  
6 students in Palm Beach County. That doesn't cover  
7 those people. That's about 135 less jobs than there  
8 are people who graduated in my class.

9 There are 23 high schools in Palm Beach  
10 County; there are 32 high schools in Miami-Dade. Do  
11 you think 800 jobs is going to make a dent in the  
12 number of young people looking to enter the work force  
13 in South Florida?

14 You say that tourism is going to be  
15 affected because people coming to work here are going  
16 to need hotels and restaurants. But I thought you  
17 said that you wanted to create jobs for people who  
18 already live here, so we should not be talking about  
19 tourism because it's already affected enough by the  
20 Gulf oil spill.

21 I don't think the environmental risks and  
22 safety risks are worth this project. Do our  
23 generation a favor and create us safe jobs, not ones  
24 that continue to hurt our environment and risk the  
25 safety of South Florida.

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1 With BP we saw, we're all human, we all  
2 make mistakes. That should be reason alone to not go  
3 forward with these risky nuclear reactors.

4 My last point that I just want to make is  
5 that I that I think we should be evaluating  
6 environmental impacts and safety on the same plane and  
7 not rank safety above environmental. Because if you  
8 neglect the environmental impacts of building these  
9 reactors, you are putting the safety of my generation  
10 and the future generation at risk.

11 What are we going to do without clean  
12 water, without natural ecosystems, and without jobs?  
13 This doesn't create enough jobs; it's too much of a  
14 risk; and in order for me, and my friends, and my  
15 generation to stay in South Florida, we want clean  
16 jobs, clean energy jobs, solar power, energy  
17 efficiency. Let's focus on that and not go forward  
18 with these reactors. Thank you.

19 MR. CAMERON: Thank you. Thank you,  
20 Megan.

21 We're going to go to Dennis Daley and then  
22 we have a trio of mayors who are going to talk to us.

23 And I'll introduce them to you and then we'll have  
24 three final speakers.

25 So Dennis Daley right now.

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1 MR. DALEY: All right. I'm Dennis Daley,  
2 retired Colonel Daley from Homestead Air Reserve Base.

3 I was the Installation Commander there from 2002 to  
4 2008. I'm now President and CEO of the Vision  
5 Council, which is an economic development group here  
6 in Homestead, Florida City, and the surrounding  
7 communities.

8 You know, first of all, I would just like  
9 to comment on the fabulous safety record that's been  
10 existing at Turkey Point. It's a 30-year record of  
11 safety and security. It's only gotten tighter and  
12 better since 9/11. And as the former Installation  
13 Commander at the Base, I can personally attest to the  
14 fact that security is paramount in their existence out  
15 there as well as safety practices. And often at the  
16 Base we looked at practices that FP&L used there to  
17 govern our organization and operate our organization.

18 There's two fundamental comments I wanted  
19 to make today. One is that FP&L is a pillar of the  
20 community here. There's several pillars that support  
21 our economic prosperity here in Florida City,  
22 Homestead and the surrounding communities. One is the  
23 Homestead Air Reserve Base; one is FP&L, as a large  
24 employer; and then one is private industry down here.

25 Private industry suffers quite a bit due

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1 to economic crises, or it swings up and down. But the  
2 Base and FP&L have always been very consistent  
3 employers.

4 By expanding this plant, by capitalizing  
5 on their 30-year safety record, we end up with a  
6 situation where they will probably become the number  
7 one employer at the end of this development or at the  
8 end of this expansion. The number one employer in  
9 South Dade with the Homestead Air Reserve Base being a  
10 close second by the time this is all complete.

11 So there are two fundamental pillars that  
12 will exist here throughout our lifetimes and our  
13 children's lifetimes. And if we want Homestead to  
14 continue to be a good place for our kids to work, go  
15 to school, and live and raise families, we need  
16 fundamental pillars like FP&L, like the reactor, the  
17 plant, and the Homestead Air Reserve Base.

18 They have been a good neighbor. They've  
19 been a good neighbor to the community, to the base.  
20 After events like in 2005, with Katrina and Wilma,  
21 where they came back, we had a marvelous recovery in  
22 this local area. After Andrew we all know what they  
23 did. Of course, that's a long time gone now. But the  
24 most recent events we have to really acknowledge the  
25 fact that FP&L is one of our best community partners

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1 that we have here.

2 Regarding the ability to have jobs and  
3 provide jobs for the area. Right now Miami-Dade  
4 College offers an internship program in nuclear power  
5 and practice. And interns right now from Miami-Dade  
6 College working at the FP&L Plant at Turkey Point are  
7 making \$19 to \$20 an hour as an intern before they  
8 even set foot on the property as a full-time licensed  
9 person.

10 So, you know, what I think is marvelous is  
11 that they are a good partner; they run a very safe,  
12 very secure practice. And the expansion I think only  
13 solidifies our future as a great, great place to live,  
14 that being Homestead/Florida City down here.

15 So I thank you very much for your time. I  
16 appreciate that and I appreciate what everybody is  
17 doing here.

18 MR. CAMERON: Okay. Thank you. We're  
19 going to go to three mayors now and then we're going  
20 to finish up with Rogelio Madan, Albert Harum-  
21 Alvarez, Richard Horton, and Unito Gustave.

22 But right now we have Mayor Cindy Lerner,  
23 Village of Pinecrest; we have Mayor Eugene Flinn from  
24 Palmetto Bay; and we have Mayor Paul Vrooman from  
25 Cutler Bay. And we're going to start with Mayor

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1 Lerner; right? Correct? Okay. Go ahead.

2 MAYOR LERNER: Good afternoon. Thank you  
3 for this opportunity to present our concerns and  
4 issues to the various professionals that are here from  
5 -- really it sounds like throughout the country,  
6 working with the Nuclear Regulatory Commission and its  
7 scoping exercise to determine the specific issues and  
8 seeking input from the local community on exactly what  
9 those issues are relative to the environmental impact  
10 statement, and there are many and I'm sure you will  
11 continue to hear many more this evening.

12 The three of us are here to speak on  
13 behalf of a region of South Dade, really from Cutler  
14 Bay up through the Village of Pincecrest, including  
15 Palmetto Bay. We represent a significant community of  
16 very concerned, not only residents but businesses and  
17 commercial interests that rely fairly extensively on  
18 the US-1 corridor.

19 And the impact that we are most  
20 immediately dealing with is the Florida Power and  
21 Light's transmission line process that they have  
22 undertaken from -- as a result of the Florida  
23 statutory framework. We are participating within that  
24 administrative hearing.

25 And as a result of the environmental study

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1 indicating that you are also going to be looking at  
2 that as an indicator, we will be giving you some very  
3 specific information about the incompatibility and  
4 very adverse impact of the proposed alternate corridor  
5 along US-1. We have a process that we are a part of  
6 where we will be submitting an alternate corridor  
7 outside of the US-1 corridor for the siting of the  
8 transmission lines.

9 I do want to say that I think the whole  
10 discussion of the jobs that might be brought to this  
11 community, it is and should be irrelevant to an  
12 environmental study. I know that there is a  
13 socioeconomic aspect of it, and we're going to be  
14 addressing the socioeconomic, again very adverse  
15 impacts if the transmission lines were to go along the  
16 U.S. 1 corridor.

17 As Mayor of the Village of Pinecrest and a  
18 former legislator, when I did serve in the House of  
19 Representative in the Florida Legislature, I had an  
20 opportunity to learn about and really come to grips  
21 with some of the potential for contamination and  
22 impact on the Floridan aquifer and the Biscayne  
23 aquifer, and I've been very attentive to that ever  
24 since, the concept of placing deep well injection.

25 And back in the year 2001, there was an

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1 effort by the State and the Legislature and the Water  
2 Management Districts, to inject untreated storm water  
3 into the aquifer, and that actually passed the Florida  
4 Senate. We had to go back and undo it and we killed  
5 that legislation.

6 I have been very involved in supporting  
7 the sustainability and the comprehensive Everglades  
8 Restoration Project ever since.

9 What we are now finding in our communities  
10 is that there are significant risks to those of us who  
11 still have residents on well water. We have 1,000  
12 homeowners, just in the Village of Pinecrest, still on  
13 well water. And we risk, with those residents on well  
14 water, the specter of saltwater intrusion at any time  
15 and the balance of what may happen as a result of the  
16 continued impositions of construction and what the  
17 nuclear plants would do, likely do to the balance and  
18 the risk that that would place.

19 That all of our homes that are still on  
20 well water may be contaminated through saltwater  
21 intrusion is a very serious issue that we -- none of  
22 us have the financial wherewithal, nor does our  
23 county, who is facing a \$400 million deficit, nor does  
24 the State of Florida which is facing an additional --  
25 I think it is 3 to \$6 billion deficit in the coming

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1 year, have any resources to come in and help put the  
2 infrastructure in place for those homes that are on --  
3 continue to be on well water.

4 In addition, the US-1 corridor, as I said,  
5 is our only commercial area. And we are working  
6 towards plans -- you'll hear from my colleagues about  
7 the plans they have already implemented for the  
8 ability to take the US-1 corridor, which is our major  
9 transit, transportation, and commercial corridor, and  
10 over the course, the vision for Miami-Dade County for  
11 the future of the US-1 corridor is to create the  
12 opportunity for in-fill by having mixed use  
13 development along that corridor, encouraging people to  
14 move along the corridor and use the transit that is  
15 there as opposed to going out and having the sprawl  
16 that we are all fighting against. And preserving the  
17 urban development boundaries would require that we  
18 focus on mixed use development along US-1.

19 Placing the power lines along that US-1  
20 corridor would absolutely not only inhibit, it would  
21 destroy any commercial interest or developer in coming  
22 along and complying with that.

23 As a mayor who has signed on the U.S.  
24 Conference of Mayors Climate Protection Agreement, I  
25 am committed to, as we all are -- we have major

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1 sustainable and clean energy initiatives that we are  
2 going forward with. But we don't see the cost benefit  
3 analysis that you are to do as one that could in any  
4 way sustain or support a additional nuclear power  
5 infrastructure being placed.

6 We would love to see, as other speakers  
7 have said, additional solar manufacturing. We've got  
8 the land throughout South Florida to do the  
9 manufacturing of the solar panels, to see Florida  
10 Power and Light do what they've done in Arcadia, and  
11 put in more solar fields. But the adverse impact of  
12 the potential for bringing in additional nuclear power  
13 plants would interfere with residential, and  
14 commercial, and environmental interest to a  
15 significant degree.

16 I understand there are alternate locations  
17 that are being looked at and considered. So I would  
18 implore the Regulatory Commission to come back with a  
19 recommendation that an alternate site that doesn't  
20 have the fragile environmental community that Turkey  
21 Point is faced with and all of the adverse impacts,  
22 take it somewhere else. Thank you.

23 MAYOR FLINN: Thank you, Mayor Lerner.

24 My name is Eugene Flinn. I am privileged  
25 to be the mayor of the Village of Palmetto Bay, the

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1 first Mayor of the Village. We were incorporated in  
2 2002. I'm pleased to be joined with the mayor of  
3 Pinecrest as well as the mayor of the town of Cutler  
4 Bay.

5 We're here to talk jobs. Just as the  
6 discussion is jobs in regards to the nuclear power  
7 plant such as with the siting lines, we're here to  
8 present a pro-business, a pro-job argument for why we  
9 need the least intrusive siting of these lines.

10 Now, to a large degree we've been  
11 powerless in this regard because with the state  
12 statutes that govern siting, there's really no  
13 discretion that has been allowed within the different  
14 municipalities. In essence, we've been preempted and  
15 it's a state matter that will eventually go before the  
16 Cabinet if we get in front of the Administrative Law  
17 Judge.

18 For the record, what I would like to bring  
19 and present to you on DVD's are the legislative  
20 actions that the various three municipalities have  
21 taken in regards to the US-1 Business District and the  
22 transmission sitings. And what these are are the  
23 resolutions as well as some of the charrette plans and  
24 the other actions that we've taken.

25 Now, I would like to make that part of the

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1 record on behalf of the Village of Palmetto Bay, the  
2 town of Cutler Bay, and the Village of Pinecrest.

3 Why that's important -- and Mayor Vrooman  
4 will discuss in more detail those charrettes that he's  
5 been involved in, that we've been involved in in  
6 regards through Chambers South, a very important  
7 community partner, and the different cities, is one of  
8 the first things the Village of Palmetto Bay did in  
9 incorporating in 2002, was to attempt to put a rudder  
10 on an otherwise local economic area that was adrift.  
11 And we are attempting to bring jobs; we are attempting  
12 to bring sustainable development. And we believe that  
13 the record evidence from an economist and from our  
14 engineers, who is going to show that these siting  
15 lines have a severe risk in actually forcing sprawl.

16 Why is that? Because they're going to  
17 render commercially useless some areas where  
18 significant work was done.

19 What I would like to show as our first  
20 board here, is this is the Franjo Triangle Commercial  
21 Island charrette. And it is a wonderful vision for  
22 the community. And I think if you will take a look at  
23 this, this is primarily an economic center. It is a  
24 mixed use; it does include residential. But you're  
25 going to have quite a few jobs, small businesses,

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1 which is a huge component of our Miami-Dade County  
2 economy here.

3 These lands will be rendered, from some of  
4 the information we've received, will be severely  
5 impacted by the siting of these lines basically going  
6 through them. These lines are incompatible. From  
7 what we've seen, these lines are more appropriate what  
8 you would see driving down Krome Avenue and those  
9 areas that weren't seen fit to put through the areas  
10 30 years ago, they're less fit to put through here  
11 now.

12 We are attempting to work with FP&L. It  
13 is an adversarial proceeding but we're attempting to  
14 work together. We have just passed resolutions,  
15 Pinecrest and Palmetto Bay, in regards to engaging an  
16 engineer to get us to the first section of this  
17 process and have our input. Because we believe there  
18 are better locations for these lines without adversely  
19 affecting the hard work that's been going on.

20 You have three municipalities here that  
21 have done outstanding work since they're been  
22 incorporated. And Paul Vrooman, I don't -- maybe I  
23 should just yield the floor to you at this point. But  
24 our position at this time is that they are  
25 incompatible with the area. They could be rendered

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1 more compatible if we undergrounded them, which we  
2 understand the issues on that. But we're not sure  
3 we're getting the feedback or the recognition as to  
4 what our issues are.

5 We do not want to render these plans  
6 obsolete. If you render these plans obsolete you are  
7 going to see no net gain in jobs for the South Dade  
8 area; you're going to see no net gain improvement; and  
9 the only thing you're going to see coming out of here  
10 is power for other areas.

11 Now, we have an opportunity to properly  
12 site these areas but that's not the plan on the board  
13 here.

14 We have two other boards here. These are  
15 not from Palmetto Bay, Pinecrest, or Cutler Bay. But  
16 just to show you the charrettes that the South Dade  
17 area have been involved in in trying to revision this  
18 area, the Leisure City Naranja Lake charrette area  
19 plan. And, Paul, if you could talk about the goals  
20 and come up with your plan and the South Dade, too.

21 Because we're trying to put together a  
22 comprehensive vision for South Dade. This is not a  
23 single city issue; this is a regional issue that  
24 affects the entire county. And we need to work  
25 together to find the least intrusive solution to this

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1 problem. And right now we're in a position to where  
2 we have to take this head on and try to get a result  
3 in the best interest of South Dade. And that's why  
4 we're opposing this at this time. Thank you. Paul?

5 MR. VROOMAN: Good afternoon. My name is  
6 Paul Vrooman and I am the Mayor of the town of Cutler  
7 Bay. I'm proud to be here with my colleagues from  
8 Palmetto Bay and Pinecrest and to speak in opposition  
9 to the transmission line on US-1. I am not here to  
10 speak -- and my mind is not made up -- on the wisdom  
11 of the additional reactors. That is not the issue  
12 that I am authorized to bring here on behalf of my  
13 Town Council.

14 However, I am authorized -- we do have a  
15 Resolution on our record that Mayor Flinn turned in  
16 that said that we do not feel that it is in the public  
17 interest to do transition -- transmission lines up  
18 US-1.

19 And the reason why I want to discuss that  
20 is an environmental factor. What is environmental  
21 impact? Is it just the impact that happens on the  
22 site; is it what happens adjacent to the plant; is it  
23 the footprint of the plant; or is it broader policy?

24 Well, we've had discussions in this  
25 community on a regional basis about suburban sprawl,

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1 and about sprawl going out into places like the  
2 Everglades; something that our country is spending  
3 billions of dollars to try to mitigate and try to  
4 repair.

5 So, if we are creating policies or -- that  
6 respond to that as our in-fill policies and our smart  
7 growth policies have done on a regional basis to  
8 combat that, which essentially means adding mixed use,  
9 urban in-fill, transit-friendly development on the  
10 US-1 corridor, and this plan results in a  
11 transmission line gutting that plan by running up  
12 US-1, then I see that as a very definite environmental  
13 impact.

14 The impact of that transmission line won't  
15 be -- you won't be able to identify that on US-1  
16 specifically. But I can tell you that when the next  
17 ring of homes and the next ring of development goes  
18 out into the Everglades because we have not provided  
19 an alternative to that on US-1, that will be directly  
20 because of these decisions that are going to be made,  
21 vis-a-vis this application.

22 I think that we've said that enough times  
23 but I do want to reflect that I do see this as an  
24 environmental issue. I do see this as effectively  
25 gutting the regional response from the county and all

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1 the municipalities up and down US-1 to come up with a  
2 response to suburban sprawl that is economic friendly.

3 I think if you look at the boards around  
4 me, it's not hard to imagine the number of jobs that  
5 that will create that will come from that  
6 construction, that will come from the businesses that  
7 will be there, and it is much, much Greener,  
8 environmental friendly alternative growth patterns.  
9 And this will be very, very detrimental to our ability  
10 to make that come true. Thank you.

11 MR. CAMERON: Thank you Mayor Lerner,  
12 Mayor Flinn, Mayor Vrooman. Thank you very much.

13 And we're going to go to our final quartet  
14 of speakers now and is Rogelio Madan still here, if  
15 I've pronounced that correctly?

16 (No response.)

17 MR. CAMERON: How about Albert Harum-  
18 Alvaez?

19 MR. HARUM-ALVAEZ: Thank you to the NRC  
20 for this chance to speak. My name is Albert Harem  
21 Alvarez. I'm a candidate for Miami-Dade County  
22 Commission, District 8.

23 Usually when you introduce yourself, you  
24 try to give some information that helps people  
25 listen closely and believe what you're going to say.

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1       Saying I'm running for office doesn't necessarily  
2       do that, so let me give you a bit more information.

3               I own a company that advises other  
4       business on increasing their efficiency. I am  
5       brought onsite at a rate of \$2,000 a day to help  
6       businesses figure out where they're making bad  
7       decisions and how to make better ones.

8               Very often that means I have to oppose  
9       some of the very folks who have hired me. I find  
10      the way to do that is to be very straight, tell them  
11      exactly what the issues are, where they're going  
12      wrong, and how to do things differently. I think I  
13      can do that today.

14              I would like to first address the issue  
15      of jobs. If, in fact, the 15 to \$30 billion that  
16      Steve mentioned were manna from heaven that we would  
17      only get if we built these power plants, then I  
18      think it's worthwhile to consider, in isolation, the  
19      construction jobs and the 800 jobs that would be  
20      ongoing.

21              If not -- and of course it's not manna  
22      from heaven -- we have to compare what 15 to \$30  
23      billion could do spent in other ways. So I suggest  
24      that it's very much in scope to consider a cost  
25      benefit analysis that compares other ways of

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1 spending that money.

2 Very good people at Florida Power and  
3 Light assisted my family in the building of our  
4 house. We have a house that -- we didn't call it  
5 the Green House but they started to call it that and  
6 we've rolled with it. It's in Kendall, close to  
7 Dadeland. And our energy bills are 75 percent lower  
8 than comparable houses in the neighborhood.

9 Folks in FPL's Demand Department were  
10 very, very helpful to us in building the house. And  
11 thanks to them, our bill last month was \$96 for a  
12 family of five. Our bill in February was \$35.

13 As Florida Power and Light staff was  
14 helping us build this house and advising us, my wife  
15 and I would say: Why are they helping you not pay  
16 them so much money? It doesn't quite make sense.

17 So we asked them one time and the  
18 gentleman I asked said, "Albert, you don't  
19 understand. If everyone built like this we would  
20 never need to build another nuclear power plant."

21 Well, I didn't say it to him at that  
22 time but I thought to myself: I'm going to remember  
23 that he said that.

24 We completed the house two years ago and  
25 since then there are a number of builders who have

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1 used some of the same techniques we have to make  
2 very efficient houses that are retrofits of existing  
3 houses. That's an important fact because, of  
4 course, we are not going to re-build every house in  
5 the rate base of Florida Power and Light in South  
6 Florida.

7 But let me tell you a little bit about  
8 what we did in the house that worked very well.  
9 First of all, this is not a Hollywood Green House,  
10 you know, the kind where you've got an unlimited  
11 budget and maybe unlimited guilt and you're able to  
12 spend a great deal to assuage that guilt. There are  
13 no solar PV panels coating the top of the roof.  
14 There is three of them that run the pool.

15 Most of what makes our house work is  
16 traditional South Florida design; a geothermal  
17 heating and cooling system; and most interestingly  
18 for this conversation, thermal mass. Walls that are  
19 eight inches of solid concrete and interior  
20 partition walls that are packed with scrap drywall,  
21 the drywall that should've gone to the dump if we  
22 had ever had dumpsters outside at this house.

23 So the thermal mass basically works by  
24 keeping the house the same temperature. Kind of  
25 like the thick walls of a castle that would always

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1 stay cold and damp if you were in England. We're  
2 not in England; we're in South Florida, and thermal  
3 mass does a great job of keeping our house's walls  
4 around 73 degrees all the time. So this is one of  
5 those very simple dumb ideas. It doesn't take any  
6 blinking lights; doesn't take a power source in and  
7 of itself; and, most importantly, it works to take  
8 care of loads that are peak loads.

9 An afternoon like this, we don't have to  
10 have the air conditioning work so hard because the  
11 house is still cool from what our air conditioner  
12 was doing last night at 3 a.m. So now at 3 a.m.  
13 we've got all the power we need, don't we? It's the  
14 peak load that we're worried about.

15 In January of this year, Florida Power  
16 and Light had its highest peak loads ever. Our  
17 bill, during January, shot up to \$40, partly because  
18 the thermal mass idea works very, very well in the  
19 wintertime also.

20 So rather than selling you on that  
21 particular concept right now, I think what we need  
22 to do is take a step back and say: Are there better  
23 ways to invest our money? Because, of course, this  
24 is money that does belong to ratepayers.

25 I can understand that folks in Florida

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1 City and Homestead may be interested in grabbing  
2 that relatively small amount of jobs that could come  
3 from an investment that's focused down here. But  
4 speaking regionally, of course, that's money that's  
5 taken out of the hides of everyone in the rate base.

6 If it came right down to trying to make  
7 more jobs, well, with this amount of money I figure  
8 we could build about 50 new sports arenas for  
9 billionaire ball teams and the Heat, I think they  
10 deserve a new arena by now. That other one is  
11 getting old and they've got these three new players.

12 It's not just about jobs. And I think  
13 in reality that should pretty much be out of scope  
14 for our discussion.

15 I want to agree with the mayors of  
16 Palmetto Bay, Cutler Bay, and Pinecrest. We've done  
17 some incredible things on walkable areas along US-1.

18 We should protect those and I do believe that  
19 should be in the scope.

20 And so I would like to propose that the  
21 NRC include a cost benefit analysis that compares  
22 this proposed expansion of Turkey Point to  
23 distributed generation because, of course, that  
24 would get around the whole issue of transmission  
25 lines completely, including distribution of small

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1 nukes; building efficiency, which would create the  
2 largest number of jobs across the region; and  
3 finally, a no-build option which I suggest should  
4 always be in your comparisons because, of course, if  
5 we got to keep the 15 to \$30 billion ourselves, we  
6 would find some way to spend it or invest it, and  
7 that would have an economic impact as well. Could  
8 very well give us our own efficiency by having us  
9 work on our houses individually.

10 Thank you very much.

11 MR. CAMERON: Thank you. Thank you,  
12 Albert.

13 Is Richard Horton still with us?  
14 Richard? And then we're going to go to Unito  
15 Gustave.

16 MR. HORTON: Thank you. Good afternoon.

17 I'm Richard Horton. I'm Chairman of the Economic  
18 Development Council, South Miami-Dade.

19 The Economic Development Council  
20 supported a resolution in December of '07, for the  
21 addition of the nuclear reactors, number 6 and 7, at  
22 Turkey Point.

23 Like the previous speakers of the  
24 Greater Miami Chamber, the Mayor of the Florida  
25 City, Mr. Bill Diggs, efficient supply of power is

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1 essential to sustain economic growth and  
2 sustainability in South Florida. Business and  
3 industries is what we are predominantly, as an  
4 economic development council, concerned with.

5 People that come to our community need  
6 to know that there is power provided by Florida  
7 Power and Light that is second to none, along with  
8 the infrastructure of roads, education, and other  
9 things that are climbing at an enormous rate in our  
10 community. Just the expansion of roads alone in the  
11 last two years is astronomical. Why? Because  
12 there's a need. There's a lot of people coming into  
13 our communities. We need to keep up with that  
14 capacity, and that's what this is all about.

15 As well, Barry Johnson, with the Greater  
16 Miami Chamber, talked about the fact that we've been  
17 accustomed to a quality of life, which is true.  
18 That quality dictates the need for additional  
19 infrastructure and utilities, power, all those  
20 things that we depend on on our daily lives.

21 Nuclear power in the long term is the  
22 most efficient form of power. Yes, the first cost  
23 is high, but the cost of fuel is low. So in the  
24 long run it's the most economic and clean fuel that  
25 we have today.

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1 Nobody has talked about the benefits of  
2 nuclear power. They haven't talked about the air  
3 and other pollutions that are derived from fossil  
4 fuels. For example, 7 million tons of CO2 per year  
5 would be generated by a fossil fuel plant. That  
6 takes 1.3 million cars off of the road. I think  
7 that's a lot of pollution that we all deal with on a  
8 daily basis.

9 Early on they talked about citations.  
10 To me citations are a testimony to the rules of  
11 safety that are provided in an oversight regulatory  
12 procedure. The key is that FPL is a responsible  
13 community partner and has the resolve to deal with  
14 the environmental impacts, the safety, and the  
15 sustainability concerns, as well as the prudent and  
16 open dialog about the transmission lines which we've  
17 heard about here today from our smaller communities  
18 and our mayors about where the transmission lines  
19 were going.

20 Those lines are going to be there  
21 whether it's a nuclear power plant or it's a fossil  
22 fuel plant. And I'm sure that FP&L has shown us in  
23 the past, and has today, have an open dialog with  
24 those communities and us, as citizens, to do the  
25 right thing. Everybody will have their say just

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1 like in a forum we have here right here today to  
2 speak their opinion. And I'm sure that Florida  
3 Power and Light wants to do the right thing.

4 We are limited in what we can do with  
5 underground lines, or overhead poles, or all of the  
6 things that are needed to get the transmission of  
7 the power to all of our communities. There's always  
8 a solution. That's the American way, and I'm sure  
9 we'll continue to do it. Thank you very much.

10 MS. GUSTAVE: Good afternoon. My name  
11 is Unito and I'm here on behalf of the Chairman of  
12 the Board of County Commissioners in Miami-Dade  
13 County to support for FPL's application before the  
14 U.S. Nuclear Regulatory Commission to expand Turkey  
15 Point, the use of nuclear energy is important in  
16 order to reduce our dependence on foreign oil and  
17 not of fossil fuels.

18 The Miami-Dade Board of County  
19 Commissioners, where Dennis C. Moss sits as the  
20 Chairman, recently approved a land use change in  
21 order to accommodate the expansion plan, which is  
22 the subject of the request that is before you today.

23 FPL has been a good provider of  
24 electrical services in our community over the years  
25 and has done a lot to be good stewards of the

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1 environment. They have acquired, for conservation  
2 purposes, large sections of environmental sensitive  
3 land in South Dade and have provided an excellent  
4 habitat for crocodiles in the ponds surrounding  
5 their facilities.

6 I am therefore stating for the record  
7 that I am in full support of their request to expand  
8 the nuclear power plant at Turkey Point site. I'm  
9 sure that they will adhere to all of the  
10 requirements imposed on them by the Regulatory  
11 Commission.

12 Further, I fully expect FPL to have a  
13 safety-first philosophy in order to protect their  
14 employees and the community as they embark upon  
15 expanding their nuclear power capabilities if  
16 approved. Thank you.

17 MR. CAMERON: Thank you, Unito.

18 I think that that covers everyone. Did  
19 anybody who signed up, did I miss them?

20 (No response.)

21 Okay. Thank you all for those comments.

22 And I'm going to turn the meeting over to our  
23 Senior Agency Official, Tony Hsia, and he's going to  
24 close the meeting out for us.

25 MR. HSIA: Any other commenters?

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1 MR. CAMERON: Let me, before you close  
2 the meeting for us, there is a house tour, okay,  
3 that Albert is going to tell us about.

4 MR. ALVAREZ: The house that I  
5 mentioned, we have a tour every month to let folks  
6 see how we did what we did in the house. And I  
7 would like to invite you all here. The next one is  
8 on August 7th -- that's a Saturday -- at 4 p.m. If  
9 you would like more information just let me know.  
10 I'll hang out afterwards and you can speak with me.  
11 Thank you.

12 MR. CAMERON: Thanks, Albert.

13 Is there someone else? Did you want to  
14 speak to us? Please come up and introduce yourself.

15 MS. GARCIA: Thank you so much and good  
16 afternoon. Welcome. My name is Maria Garcia. I am  
17 a resident of Homestead, Florida, and I just want to  
18 thank you for being here to listen to us. I know  
19 you heard from a large number of well-intentioned  
20 wonderful people in our community with best points  
21 of view on this issue.

22 I have one and that is that Turkey Point  
23 provides employment for this community. As a  
24 resident I support what they intend to do with the  
25 request that they have before your Board. I hope

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1 you consider it as well.

2 I will also echo some of the concerns  
3 raised earlier by our elected officials and  
4 certainly by our mayor -- or Chairman; I'm sorry --  
5 of the Commission, Commissioner Moss. That as long  
6 as they pay attention to the safety.

7 I know nothing about nuclear power. I'm  
8 one that, like my family, put our hands on you and  
9 we trust that you are going to do the right thing in  
10 protecting us. And that's a lot to say, but we know  
11 that this institution, that this company provides  
12 jobs in our community. The economy is bad right  
13 now. So whatever you can do to ensure that they get  
14 the request, one, to continue providing jobs in  
15 these tough times in our community, one; and second,  
16 to continue to ensure that the safety of the  
17 citizens is first in their mind. Thank you so much.

18 MR. CAMERON: Okay. Thank you.

19 And Tony?

20 MR. HSIA: My name is Tony Hsia. I'm  
21 from the Nuclear Regulatory Commission. You've all  
22 been very patient. And first, on behalf of our NRC  
23 staff, I want to thank you for giving us this  
24 opportunity to be here to first brief you on our  
25 licensing process on the safety review as well as

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1 environmental review, and also, more importantly,  
2 how you can provide comments to us as we proceed on  
3 our review of the application.

4 The most important thing that I feel we  
5 achieved this afternoon is to hear from all of you.

6 And I want to assure you we will take all your  
7 comments back as we start this review process. So  
8 this review process, the draft environmental impact  
9 statement is planned to be finished late of next  
10 year. So continue -- at least for this early stage  
11 on the scoping, as you can see on the screen, and  
12 you can continue to provide comments until the end  
13 of August, I believe. August 16th.

14 So, thank you very much for coming here,  
15 and I just know from the very different diverse  
16 comments we've heard this afternoon, based on your  
17 comments I know our environmental impact statement  
18 will become a better one because of your comments.

19 So keep those comments coming and there  
20 will be follow-up opportunities as you saw earlier,  
21 as we do the completed Draft environmental impact  
22 statement, there will be other opportunities for you  
23 to provide comments, as well as the hearing  
24 opportunities. So keep those comments coming.

25 With your involvement I know we will

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1 come up with a better project, to have a fair and  
2 good sound engineering judgment, and scientific  
3 judgment, to come up with an environmental impact  
4 statement.

5 So thank you very much for coming. And  
6 if there is no other comments, this meeting is  
7 adjourned.

8 Thank you. Have a good afternoon.

9 (Whereupon, at 4:04 p.m., the meeting  
10 was adjourned.)

11 (Statement to Court Reporter off  
12 record.)

13 MR. FESSLER: My name is Greg Fessler.  
14 I work for FPL at Turkey Point Unit 3 and 4 Nuclear.  
15 That's the best place I have ever worked at, FPL is  
16 the best employer I've ever worked for. And I know  
17 that if they build these Units 6 and 7 they'll  
18 diminish our run and they'll be good for the economy  
19 and good for the environment.

20 I'm a Simulator Software Engineer at  
21 Turkey Point and have been with the company a year-  
22 and-a-half, and it's a very professional  
23 organization and well run.  
24  
25

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