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STATE OF NEW JERSEY  
DIVISION OF ENVIRONMENTAL SAFETY AND HEALTH  
PO BOX 424, TRENTON, NEW JERSEY 08625  
PUBLIC HEARING  
THE NEW JERSEY RADIOLOGICAL EMERGENCY RESPONSE PLAN  
FOR NUCLEAR POWER PLANTS

Location: Ocean County Administration  
Building, Room 119  
101 Hooper Avenue  
Toms River, New Jersey 08754  
Date: Tuesday, July 21, 2015  
Commencing at 6:00 to 6:47 p.m.

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2

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4 RICHARD PINNEY, SUPERVISOR

5 PATRICK MULLIGAN, MANAGER

6 ALLEN SMITH, OFFICE OF EMERGENCY MANAGEMENT

7 LOXLEY LAMBERT, DEPARTMENT OF HEALTH

8

9 A L S O P R E S E N T :

10

11 BUREAU OF NUCLEAR ENGINEERING:

12 VEENA GUBBI

13 SAHAR AZMAT

14 KAREN TUCCILLO

15 PAUL SCHWARTZ

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17 OFFICE OF EMERGENCY MANAGEMENT:

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1                   (The public hearing was commenced at  
2                   6:00 p.m.)

3                   MR. PINNEY: We're going to get started.  
4                   Get my microphone situated here.

5                   Good evening. My name is Rich Pinney.  
6                   I am the Supervisor in the Bureau of Nuclear  
7                   Engineering within the New Jersey Department of  
8                   Environmental Protection. I will be the  
9                   hearing officer this evening.

10                  The purpose of this hearing is to  
11                  receive comments regarding the adequacy and  
12                  effectiveness of the New Jersey Radiological  
13                  Emergency Response Plan for nuclear power  
14                  plants.

15                  In order that this hearing may be  
16                  properly documented, these proceedings are  
17                  being recorded by a certified shorthand  
18                  reporter.

19                  Everyone attending this meeting is asked  
20                  to sign the attendance sheet before leaving.  
21                  The attendance sheets for these hearings are  
22                  used to update the Bureau of Nuclear  
23                  Engineering's mailing list.

24                  Public notice of this hearing was  
25                  published in the "New Jersey Register" on July

1           6, 2015. In addition, public notice was  
2 published in the "Asbury Park Press" from July  
3 13th through the 20th and in both "The Times  
4 Beacon" and "Beach Haven Times" on July 16,  
5 2015. Copies of the public notice for the  
6 three hearings were mailed in June to all  
7 persons who attended last year's hearing.

8           This hearing will proceed as follows:

9           I will provide a brief background on why  
10 we are conducting this hearing. Then I will  
11 introduce the panel members and ask them to  
12 briefly describe the role of their organization  
13 in nuclear emergency preparedness and response.  
14 Finally, I will open the hearing for comments  
15 from the public.

16           The New Jersey Radiation Accident  
17 Response Act requires the Department of  
18 Environmental Protection in cooperation with  
19 the New Jersey Division of State Police to  
20 conduct public hearings to take comment on and  
21 to address questions relevant to the adequacy  
22 and effectiveness of the New Jersey  
23 Radiological Emergency Response Plan for  
24 nuclear power plants.

25           These public hearings are held annually

1 in each of the three counties effected by the  
2 plan: Ocean County for Oyster Creek Nuclear  
3 Generating Station and Salem and Cumberland  
4 Counties for Salem Unit 1, Salem Unit 2, and  
5 Hope Creek Nuclear Generating Stations.

6 We're here tonight to listen to your  
7 comments on New Jersey's Nuclear Emergency  
8 Response Plan. Comments on more general  
9 nuclear power issues or issues that relate to  
10 licensing and regulatory matters at nuclear  
11 power plants are not within the purview of this  
12 hearing and, hence, are not appropriate and  
13 will not be addressed.

14 The purpose of the Plan is to coordinate  
15 and implement an immediate and comprehensive  
16 response at the state, county, and municipal  
17 proposal on radiological emergency associated  
18 with any nuclear power plant affecting the  
19 State of New Jersey.

20 Copies of the plan are available for  
21 public inspection at the Salem County Emergency  
22 Management Office in Mannington Township, the  
23 Cumberland County Office of Emergency  
24 Management in Bridgeton, the Ocean County  
25 Office of Emergency Management in Berkeley

1 Township, and the New Jersey Office of  
2 Emergency Management in West Trenton, and in  
3 public libraries in Salem, Cumberland, and  
4 Ocean Counties.

5 Now I would like to introduce the  
6 members of the panel. Mr. Allen Smith is  
7 representing New Jersey Division of State  
8 Police. And Mr. Smith is the site specialist  
9 in the Office of Emergency Management  
10 Radiological Emergency Response Planning and  
11 Technical Unit.

12 Next, Mr. Patrick Mulligan is  
13 representing the New Jersey Department of  
14 Environmental Protection. Mr. Mulligan is  
15 Manager of the Bureau of Nuclear Engineering  
16 within the Department.

17 Lastly, we have Mr. Loxley Lambert in  
18 the audience representing New Jersey Department  
19 of Health. Mr. Lambert is present in the  
20 audience to record any health questions and  
21 will provide responses to your questions at a  
22 later time.

23 Now I will ask Mr. Smith to briefly  
24 describe the role of the State Police in the  
25 plan.

1 MR. SMITH: Thanks, Rich.

2 Good evening. My name is Allen Smith,  
3 and I'm representing the State of Office of  
4 Emergency Management within the Division of  
5 State Police.

6 Our office has the responsibility for  
7 administering and implementing the Radiological  
8 Emergency Response Plan for incidents at a  
9 nuclear power plant in New Jersey. In addition  
10 to the preparation of the radiological plans,  
11 the New Jersey State Police is the lead agency  
12 in the following functional areas:

13 Notification and communication, command and  
14 coordination, protective actions, which include  
15 evacuation, shelter in place, monitor and  
16 prepare, access control, food, water, and milk  
17 control.

18 Other missions include traffic control,  
19 decontamination, exposure control, mass care,  
20 law enforcement, fire control, public health,  
21 reentry, return, and recovery.

22 I'd like to also introduce this evening  
23 for the record, Mr. Gian Campesi. He's a  
24 member of our team at the Radiological  
25 Emergency Response Unit. He's our radiological



1 officer for the State of New Jersey.

2 Thank you.

3 MR. PINNEY: Now I will ask Mr. Mulligan  
4 to briefly describe the role of the Department  
5 of -- Department of Environmental Protection in  
6 the plan.

7 MR. MULLIGAN: Thanks, Rich.

8 Good evening. My name is Patrick  
9 Mulligan. I'm the Manager of the Bureau of  
10 Nuclear Engineering. I will briefly discuss  
11 the role of the Department of Environmental  
12 Protection in New Jersey's Radiological  
13 Emergency Response.

14 The New Jersey Radiological Emergency  
15 Response Plan identifies all responsible State  
16 agencies and outlines their specific role in  
17 the event of a nuclear emergency. The plan  
18 includes standard operating procedures which  
19 contain detailed instructions and guidelines  
20 used by each agency when performing their  
21 specific duties. The standard operating  
22 procedures are reviewed and tested annually  
23 through drills and exercises. The procedures  
24 are then revised as necessary in order to  
25 enhance emergency response.

1 Under the New Jersey Radiation Accident  
2 Response Act, the Department of Environmental  
3 Protection has the lead role in accident  
4 assessment and control of food, water, and milk  
5 following an incident. Accident assessment  
6 involves two separate analyses, an engineering  
7 analysis of the event at the plant as it  
8 unfolds, and an analysis of the amount of  
9 radiation to which the public may be exposed in  
10 the event of a release.

11 Depending upon the severity of the  
12 event, the Department provides protective  
13 action recommendations to the Governor, who  
14 will make a final decision on actions to be  
15 implemented to protect public health and  
16 safety. Protective action recommendations for  
17 the public may include the administration of  
18 potassium iodide, evacuation, sheltering, and  
19 access control within the affected or  
20 potentially affected area.

21 The Act also specifies that the  
22 Department develop and implement a  
23 comprehensive monitoring strategy which  
24 includes the daily monitoring of the levels of  
25 radioactivity in the environment. The

1 Department provides public health, safety, and  
2 technical guidance with respect to the  
3 preparation and implementation of the Plan.

4 The Department's final responsibility  
5 under the Act is to conduct, in cooperation  
6 with the State Police, public hearings annually  
7 in each designated county to determine the  
8 adequacy and effectiveness of the plan.

9 The members of my staff who are here  
10 tonight from the Department of Environmental  
11 Protection are: Miss Karen Tuccillo, who  
12 supervises our environmental section; Mr. Paul  
13 Schwartz, who is an engineer in our  
14 environmental section; Miss Veena Gubbi, who  
15 works in our emergency preparedness. And Miss  
16 Sahar Azmat, who also works in the emergency  
17 preparedness section.

18 Thank you.

19 MR. PINNEY: We will now proceed with  
20 the public's comments.

21 FROM THE FLOOR: Excuse me, sir.

22 MR. PINNEY: Yes?

23 FROM THE FLOOR: Could we say the  
24 "Pledge of Allegiance," please? I'd appreciate  
25 it.

1 MR. PINNEY: Sure.

2 FROM THE FLOOR: Thank you.

3 MR. SMITH: We're go to stand and say  
4 the "Pledge of Allegiance."

5 It was a nice request. Thank you, sir.  
6 (The flag salute was recited.)

7 MR. SMITH: Thank you, sir.

8 MR. PINNEY: We will now proceed with  
9 the public's comments.

10 Those individuals who wish to speak  
11 should complete a speaker registration card and  
12 hand it to one of the staff. And they are  
13 located on this table in case you walked in and  
14 didn't see them.

15 I will call the speakers' names in the  
16 same order as I receive the registration cards.  
17 Please be certain to clearly print your name  
18 and address on the registration card so that we  
19 may contact you if we need to respond to your  
20 comments and questions more fully in writing.

21 When I call your name, come forward to  
22 the microphone, face the panel, and make  
23 yourself comfortable. Before you begin your  
24 comments, please state and spell your name for  
25 the reporter.

1           Speakers will be limited to five minutes  
2           each. If time still remains after everyone has  
3           had a chance to speak, I will invite additional  
4           comments from those individuals who have  
5           already spoken.

6           In fairness to the speaker and in order  
7           that we all can make the best use of this time,  
8           I ask the cooperation of the audience in  
9           refraining from calling out. Comments from the  
10          audience will only delay the proceedings and  
11          will disrupt our ability to hear and accurately  
12          record the speakers' statements.

13          Again, I would like to emphasize that we  
14          are here tonight to listen to your comments on  
15          the New Jersey's Nuclear Response Plan.  
16          Comments on more general nuclear power plant  
17          issues or issues that relate to the regulatory  
18          matters at nuclear power plants are not within  
19          the purview of this meeting are not appropriate  
20          and, hence, will not be addressed.

21          Thank you. We will now proceed to call  
22          our first commenter.

23          I have two cards for people who wish to  
24          speak. The first person is Jeff Brown.

25          MR. BROWN: Hi. J-e-f-f B-r-o-w-n. My

1 name is Jeff Brown. Good evening, gentlemen.  
2 I live in Brick. I'm a member of a group  
3 called Grandmothers, Mothers and More that  
4 speak for energy safety.

5 And I would like to, in this kind of  
6 annual reunion, actually talk about the  
7 materials that have been put out. This is last  
8 year's copy, but it looks to me identical to  
9 this year's. And just note in the past dozen  
10 years that we've come a long way of getting  
11 information out to the public, at least  
12 prepared and disseminated. I would like to  
13 start with that as a positive.

14 And my first comment is that when I look  
15 at the bus routes on this document, there's  
16 nothing that indicates on me what happens at  
17 the end of the line and going around in  
18 circles. It would not convince me to get on a  
19 bus. So I think there should be some  
20 explanation of what the bus route, where it  
21 terminates or what happens if you get off the  
22 bus. That would be my first recommendation.

23 My second as a question is, there's a  
24 special needs cards instructions that have been  
25 on in this year's and last year's and the

1 previous years' reports. And I'm wondering how  
2 many of these special needs cards have been  
3 returned, whether a hundred, a thousand,  
4 10,000, 20,000? Because I think that would be  
5 an indicator of the extent to which this  
6 information is reaching the public. If we're  
7 not getting any feedback on this, I would say  
8 more has to be done for disseminating  
9 information.

10 I'm disappointed that this just goes out  
11 to EPZ people, the ten-mile radius. It seems  
12 to me it should be in all the libraries in  
13 Ocean County, for starters.

14 But does anybody know if we've gotten  
15 anybody signed up for this?

16 MR. SMITH: The County has the number,  
17 and mostly go through Register Ready, which is  
18 another form of registration. And I'm not sure  
19 about the -- you know, how many numbers of  
20 people have sent them those.

21 MR. BROWN: So it goes to the Sheriff?

22 MR. SMITH: Yeah.

23 MR. BROWN: It says here.

24 MR. SMITH: Yeah. But it goes to the  
25 Sheriff's Department, but there's that system,

1 and there's also a Register Ready, which I'm  
2 sure you've also heard of.

3 MR. BROWN: Okay. And then the third  
4 comment has to do with the section on nonpublic  
5 school and daycare information. I know that  
6 members of the public have beaten panels over  
7 the head in the past about the weakness of this  
8 area, because at one point daycare operators  
9 didn't even have a clue what was going on. But  
10 I would just suggest that to say that they  
11 should become familiar with the facilities, the  
12 emergency plan, and contact the facility  
13 operator for more information is very weak, and  
14 it seems to me that is really an inadequate  
15 planning for the daycare centers and all those  
16 issues of babies and children and car seats and  
17 how you move a daycare center if they really  
18 had to. I would like to suggest that that's  
19 still a very weak link here.

20 My fourth point has to do with the  
21 section, "Nuclear power and public safety,"  
22 which talks about the benefits and potential  
23 risks of nuclear power. Second paragraph  
24 states: A power plant reactor cannot produce a  
25 nuclear explosion. We know that's true in



1 terms of people's image of a Hiroshima or  
2 Nagasaki explosion. However, we all witnessed  
3 the three hydrogen explosions at Fukushima. So  
4 I think that's really misleading. And it's  
5 trying to reassure people falsely that an  
6 explosion couldn't take place and that  
7 radiological contamination couldn't happen as a  
8 result of an explosion. And that's not true.

9 Fifth, under "What you need to know  
10 about nuclear power plants and radiation,"  
11 there are two items here I think need  
12 attention. How do they work? "Power plants  
13 create electricity by running steam turbines,  
14 which is powered either by fossil fuels" "or by  
15 nuclear power." Utilities now use solar power  
16 and wind. So I think that should be added to  
17 give the, sort of, reality statement that  
18 renewables have a place in our portfolio, and a  
19 kind of growing place at that.

20 And, finally, there's an inaccuracy that  
21 I think should be changed in the on-line  
22 version immediately. When this talks about  
23 comparing waste from fossil fuel with waste  
24 from nuclear fuel. It says: Nuclear power  
25 generation, on the other hand, produces waste

1 primarily in the form of spent fuel which is  
2 not released into the environment.

3 That's patently false. We know about  
4 the tritium leaks. We know about the 1993  
5 study, which talked about something like 73 --  
6 or 77 curies, I believe, that Oyster Creek had  
7 released up to that time, and it's been  
8 releasing on an everyday basis ever since.  
9 Just because the radiation, at times, is within  
10 government's parameters, that they say is not  
11 going to kill you outright, it seems to me that  
12 that's a patently false statement and should be  
13 changed. And I would request that that be  
14 changed in the posted one.

15 I was very pleased to see the Office of  
16 Emergency Management page with all this  
17 information on it and this document included in  
18 it, by the way.

19 And then finally, Mr. Allen -- Mr.  
20 Smith, last year you mentioned that you were  
21 going to expand the ingestion pathway planning  
22 for all 21 counties. And I would like to know  
23 if that training was ever done with the county  
24 coordinators, and are they more aware of what's  
25 happening in our state?

1 MR. SMITH: Yes. We've completed the  
2 training for all 21 counties. We've had about  
3 a four-hour session with coordinators and some  
4 of their subordinates, so it is on record. We  
5 will be submitting that, those records and the  
6 attendance sheets, to FEMA in our annual letter  
7 of certification for the program. So the  
8 training has been done.

9 And just recently we were asked to go to  
10 the Essex County Health Commission. It's --  
11 you know, we don't make a habit of just  
12 entertaining every time somebody wants us to  
13 come somewhere in the state, but we try to  
14 accommodate when we can. So we went to Essex  
15 County, myself and Mr. Campesi, last week. And  
16 we put on a course there for ingestion pathway,  
17 even though those folks are at the other, the  
18 northern seminar that we did. So we did a  
19 North Region, Central Region, South Region.  
20 All 21 counties received a training. You are  
21 welcome to ask about that or ask their  
22 departments or check up on that, and you'll  
23 find out that we did.

24 MR. BROWN: So the basically -- I'm not  
25 questioning what you're telling me.

1 MR. SMITH: No. But I want to make sure  
2 that you're comfortable.

3 MR. BROWN: No. But I'm just  
4 wondering -- so that basically they are now  
5 aware of what the Bureau of Nuclear Engineering  
6 would go out to monitor for ingestion issues?  
7 Or is it part of the actual possible evacuation  
8 issues?

9 MR. SMITH: It's all about monitoring  
10 and long-term situations where we would do the  
11 sampling plans and, you know, check the food,  
12 water, milk, and all that type of stuff, dairy.  
13 So it's a long-term process. And that's what  
14 it's all about. That's what the seminar's  
15 about. We have a very nice slide show on it.  
16 So we go over what the program talks about as  
17 far as the stuff that you are pretty much aware  
18 of, their evacuation, sheltering in place, and  
19 the air and that type of stuff. And then we go  
20 on to say that obviously there can be an  
21 additional threat beyond the ten miles with  
22 ingestion pathway. And we all know that. And  
23 so, therefore, we tell them all about, like I  
24 said, sampling and what we're going to do.

25 And if you want to comment more on

1 the -- Pat -- on the sampling plans and all  
2 that type of stuff, how we handle it, that's  
3 fine. But there's not much more to go into.

4 MR. BROWN: I'm really curious about to  
5 what extent our communities beyond the ten  
6 miles are getting any preparation for and  
7 actual possible evacuation or shelter in place.  
8 In addition, I mean, we get notified don't  
9 drink the milk.

10 MR. SMITH: Yeah. Most likely, there  
11 would not be evacuation orders beyond that ten  
12 miles. The immediate concern is going to be  
13 the two mile, potentially the five miles, but  
14 it dissipates pretty quickly after the ten. As  
15 far as the plans and what's approved through  
16 the regulatory process, it's a -- the plans are  
17 for ten miles.

18 The ingestion is another, you know --  
19 obviously, there's going to be some deposition  
20 of radioactive material out further, and that's  
21 what the ingestion pathway is all about.

22 MR. BROWN: I just again remind you that  
23 Fukushima went beyond the ten miles. I mean,  
24 the plume, so.

25 MR. SMITH: It certainly did.

1 MR. BROWN: We hope that --

2 MR. SMITH: The effects of the radiation  
3 and for as far as people picking up great  
4 exposures, I don't believe did.

5 MR. BROWN: Well, actually moved more  
6 people into harm's way than they were  
7 originally but --

8 MR. SMITH: Right.

9 MR. BROWN: Thank you very much.

10 MR. SMITH: I appreciate your comments,  
11 sir.

12 MR. PINNEY: Thank you, Jeff.

13 Our next commenter is Paula Gotsch.

14 MS. GOTSCH: Do you need the spelling?  
15 It's G-o-t-s-c-h, Paula. Okay. All set then?  
16 Okay.

17 My questions are going to be relating  
18 mostly to the emergency evacuation plans as we  
19 approach decommissioning. And I'm -- I've been  
20 interested in hearing what Vermont Yankee  
21 people and -- not Diablo Canyon. The other  
22 one, you know, that shutdown. Okay.

23 And one of my first questions is that we  
24 heard from people in the NRC in -- where the  
25 heck are they? Not in Washington, whatever.

1           That Exelon had applied to ask if they could  
2           move -- close the emergency center out on 37.  
3           It's the command and control, the place that  
4           they are supposed to monitor things that happen  
5           during an event, and station all their planning  
6           for Oyster Creek out in Pennsylvania at their  
7           center there where -- which would become a  
8           regional center for several of their plants.

9                         Now, we heard that a meeting took place  
10           at NRC, and -- one of the first ones. And they  
11           were talking about, you know, this -- Exelon  
12           saying this would be adequate. They could  
13           manage anything that happened here from  
14           Pennsylvania, and that staff was uncomfortable  
15           with it. That the NRC staff was uncomfortable.  
16           There's even problems from state to state in  
17           state lines.

18                        Now, I wonder if you know at this point,  
19           are they still -- is that a question that's  
20           still being analyzed with the NRC? Or have  
21           they turned that request down?

22                        MR. PINNEY: Pat, do you have an update  
23           on information on that?

24                        MR. MULLIGAN: Yeah. The NRC has  
25           regulations and guidance at what distance, you

1 know, those off-site emergency facilities can  
2 be from a nuclear power plant. Obviously, for  
3 states that have very large, you know, massive  
4 land areas that they need to cover that some of  
5 them couldn't be centrally located. But for  
6 decommissioning, there's been no discussion at  
7 all about where emergency facilities will be  
8 during decommissioning. It was at one point  
9 some discussion of moving the EOF right now for  
10 an operating plant to the Coatesville EOF as a  
11 shared center. But that is no longer being  
12 thought of as a response. They've since moved  
13 in for a number of years into the Toms River  
14 facility that we use today. So right now  
15 there's no -- there's been no proposals for  
16 decommissioning that had been submitted to NRC  
17 for emergency preparedness post shutdown.

18 MS. GOTSCH: And so if I'm to understand  
19 what you're saying, but there was some talk of  
20 while the plant is still operating moving  
21 something to Coatesville, but that now is --  
22 they said no? Or are they still considering  
23 that?

24 MR. MULLIGAN: No. That is no longer a  
25 consideration.



1 MS. GOTSCH: Okay. Okay.

2 MR. MULLIGAN: You know, that was a  
3 number of years ago prior to getting this  
4 facility -- and it was a long time ago, prior  
5 to getting this facility in Toms River on 37.  
6 It was a discussion of collocating with the one  
7 that they had in Pennsylvania. But that was,  
8 you know -- I don't think the NRC said no. I  
9 think the State said no.

10 MR. SMITH: Yeah. The State did say no.  
11 That was back in 2002, ma'am, when they were  
12 talking about --

13 MS. GOTSCH: Well, evidently --

14 MR. SMITH: Pardon me?

15 MS. GOTSCH: Evidently it had come up  
16 again.

17 MR. SMITH: It had come up again?

18 MS. GOTSCH: Yeah. And we are -- most  
19 of the people here are opposed to losing that  
20 command and control center out on Route 37 even  
21 after decommissioning for this reason. Just  
22 because the plant is -- goes into  
23 decommissioning, there still is plenty of  
24 concern there. For instance, the new Holm's  
25 cask which we have, you know, which just came

1 up with an aging management program, the aging  
2 management program, as we read it and study it,  
3 still does not account for the loss of cask  
4 failing. They are very thin tin stainless  
5 steel casks. They're not like the ones in  
6 Germany. And they are allowed 75 percent  
7 crash -- cracking in that cask before they have  
8 to take it out of service. So there you've got  
9 a thin cask -- cask and then -- of stainless  
10 steel, and you're allowing 75 percent to go, to  
11 be allowed for corrosion cracking.

12 I was interested in a statistic that the  
13 people up -- what is it?

14 FROM THE FLOOR: San Onofre.

15 MS. GOTSCH: Yeah. San Onofre. I  
16 always get Diablo Canyon and San Onofre mixed  
17 up. San Onofre has said on their emergency  
18 safety website that if one of those cannisters  
19 was to fail -- and these cannisters can fail,  
20 especially in a corrosive environment -- they  
21 would release more radiation than what occurred  
22 at Chernobyl. One cask.

23 So I think that is very -- that says  
24 that here you're having an aging management  
25 program, supposedly to try to get these casks

1           relicensed for another 20 years, but when you  
2           look at the aging management, there really is  
3           no way of monitoring what's going on inside  
4           that cask. It's all kind of -- they mention  
5           some of the things that they're monitoring.  
6           And it doesn't include really knowing what's  
7           going on. How is that cask really doing? And  
8           that's an accepted fact, because they are now,  
9           as I understand it -- and it says have a pilot  
10          program at North Anna to try to figure out  
11          how -- what do we do with a high burn of fuel?  
12          How is that doing inside the cask? How do we  
13          monitor? And they admit, and they're doing it  
14          because they know that don't have a way at this  
15          point -- there's no little window. You  
16          can't -- you can't open a little window and  
17          look in and say, oh, how is that fuel doing?  
18          And the techniques that they use, something can  
19          be happening in there, and they can't pick it  
20          up right now. And this is something the  
21          industry is really concerned about. It's not  
22          something that we're making it. So they are so  
23          concerned, they're doing this pilot program,  
24          which is going to take ten years in North Anna.  
25                    So when you have these -- our concern --

1 and this is how it relates to emergency  
2 management. That somehow you just can't say,  
3 okay. It's decommissioned, so we don't need an  
4 emergency management plan. If one of the casks  
5 should breach and they lose that radiation,  
6 we're in an emergency situation here. That's a  
7 Chernobyl plume going out.

8 And so I would say we would be patently  
9 against shutting down any centers. Or like  
10 they proposed in Vermont Yankee, at that other  
11 Enron [sic], wherever the hell it was, said,  
12 well, we can just shut down this emergency  
13 evacuation plan. Why bother with spending all  
14 this money and everything because now the plant  
15 is shut down? Well, there's just as much  
16 danger, you know, with it shut down. Until  
17 this stuff -- until all this stuff gets taken  
18 somewhere -- which doesn't look like it's going  
19 to happen -- this is an ongoing -- all of our  
20 lifetime and maybe our kids' and on. We've got  
21 to watch this stuff. It's not --

22 Okay. So you get my point; right? All  
23 right. Let's see. Okay.

24 I think that's all for now. I can't  
25 remember what else I was going to say.

1                   And, well, let me just ask you. If you  
2                   were -- what would be your reaction as nuclear  
3                   experts, for us here on the state level, if --  
4                   if they were saying, if Exelon was saying,  
5                   okay. We don't need -- or NRC was saying, we  
6                   don't need an evacuation plan anymore. We just  
7                   don't need it because the plant's not running.  
8                   We hope that you, you know -- I don't want to  
9                   put you on the spot by asking you now. Okay?  
10                  Unless you want to answer me. But this is  
11                  important, and we just need you to look into  
12                  it.

13                  Okay. Thank you.

14                  MR. PINNEY: Thank you, Paula.

15                  I do not have any other speaker cards.  
16                  Is there anybody here that wants to speak?

17                  MR. TURON: Where's my card?

18                  MR. PINNEY: You said "do not plan to  
19                  testify," but you're welcome to.

20                  MR. TURON: I thought I left my card  
21                  here.

22                  MR. PINNEY: I have it. I have it. But  
23                  it says you not plan to testify.

24                  MR. TURON: Oh, I didn't realize that.

25                  MR. PINNEY: No problem. No problem.

1 Stanley Turon.

2 MR. TURON: Yeah. Stanley F. Turon. I  
3 live here in Toms River. I've been a resident  
4 on the barrier island back in the '60s when  
5 this plant was being constructed. We had some  
6 good people involved back then, Jersey Central  
7 Power & Light, which was a top corporation at  
8 that time. And General Electric, which was one  
9 of competing plants that built the plant  
10 finally. They are both out of the picture.

11 I'm very concerned because when the  
12 plant was built and came into commission in  
13 December of '69 -- and it probably took four  
14 years to build it. I don't know exactly how  
15 long. The population in this area was about  
16 200,000 people. If we look at the population  
17 now, it's tripled or more. It's closer to  
18 800,000, based on the census in the area. We  
19 never had an appropriate evacuation plan when  
20 Jersey Central Power & Light was running the  
21 operation. They got out of it because they  
22 realized how much it would take to keep the  
23 plant running at a proper level. I could be  
24 wrong there, but the economics to keep the  
25 plant going, they decided to move out.

1                   With the population where it is today, I  
2 cannot see any evacuation plan that's only  
3 tested once a year. How about evacuating in  
4 the summertime? On a weekend? How would you  
5 handle that operation.

6                   In the summer during the week, you'll  
7 have less people here. Our economy is a \$40  
8 billion economy based on tourism in the summer.  
9 Our elected officials in the federal government  
10 and the state were worried about pumping oil  
11 out of the ocean or looking for it. If  
12 something happened at this plant, it's like a  
13 sitting inferno right there, the way I see it.  
14 We could never evacuate the weekend crowd  
15 that's here looking to have a good time.

16                   I have a question for you, sir. The  
17 evacuation team, if it was needed to be called  
18 in --

19                   MR. SMITH: Uh-hum.

20                   MR. TURON: How many people are we  
21 talking about? Several hundred?

22                   MR. SMITH: Well, we're talking about a  
23 number of traffic control and access control  
24 points. And I'm not sure exactly what the  
25 number is, but it's probably around, I want to

1 say, 40 to 50 control points that get the  
2 people out.

3 Now, if you recall during Sandy, we  
4 had a --

5 MR. TURON: Right. Good example.

6 MR. SMITH: Well, we had a very good  
7 evacuation, and the plan did work there. Okay?  
8 So that proves that the plan does work. In  
9 addition to that, we go by what we call an  
10 "evacuation time estimate," which is published  
11 by a private firm that works for -- that  
12 actually is -- that has to be done every ten  
13 years according to the census, and they lay out  
14 a very detailed plan about what it takes to get  
15 people out of the area.

16 Now, keep in mind, we're not going to  
17 take the whole ten-mile EPZ out at once.

18 MR. TURON: Hopefully.

19 MR. SMITH: Well, no. It's going to be  
20 the -- it's going to be the emergency response  
21 planning areas that are affected by the down  
22 wind --

23 MR. TURON: Right.

24 MR. SMITH: -- possibility of, you know,  
25 a leak. Okay? So looking at that, you're



1 looking at a smaller population, depending on  
2 where it is. And then, in addition to that, we  
3 also do some precautionary actions, okay? So  
4 what we look at is, we move schools out  
5 earlier. We look at taking and closing the  
6 parks earlier.

7 MR. TURON: Okay.

8 MR. SMITH: And before a general  
9 emergency evacuation is ordered, we will move  
10 other people out to try to accommodate in case  
11 there is a full-scale evacuation.

12 So the way we have the plans written and  
13 the way they're looked at and reviewed by our  
14 federal partners, we believe that it's a  
15 mission that's definitely we -- we're capable  
16 of handling, and we've proved it during Sandy.

17 MR. TURON: What number of people --  
18 what would be the number of people you're  
19 talking about in that type of an evacuation?

20 MR. SMITH: I -- you know, I don't keep  
21 that stuff. You got to look at the plan.

22 MR. TURON: You have to say a thousand  
23 people or 5,000? I think it would be tens of  
24 thousands.

25 MR. SMITH: Right.

1 MR. TURON: Within this population.

2 MR. SMITH: Right.

3 MR. TURON: We still have two roads.  
4 That's what we had back in the '60s. Now we  
5 have two main roads.

6 MR. SMITH: Right.

7 MR. TURON: And how many exits do you  
8 have?

9 And the next thing I have, what kind  
10 of -- if I'm an EMS person assigned at one of  
11 the points --

12 MR. SMITH: Right.

13 MR. TURON: -- what kind of equipment  
14 will I wear? Is it current? When was the last  
15 time we purchased it?

16 MR. SMITH: Right. We practice exposure  
17 control. We train our first responders --

18 THE WITNESS: What kind of equipment do  
19 I wear?

20 MR. SMITH: I'll answer it.

21 MR. TURON: Oh, I'm sorry.

22 MR. SMITH: That's all right.

23 We train our first responders every  
24 year, fire, EMS, police. Okay? And anybody  
25 that's involved with the program that deals

1 with our reception centers, traffic control,  
2 emergency workers in de-com center, and that  
3 kind of stuff. And the equipment that they  
4 wear is dosimetry. It's called dosimetry.  
5 It's an electronic dosimeter that measures the  
6 rate of radiation you're picking up. And it's  
7 a thermoluminescent dosimeter, which is called  
8 a TLD, or a film badge like they wear in a  
9 hospital.

10 Now, the exposure limit that we allow  
11 first responders to pick up is one roentgen or  
12 1R.

13 MR. TURON: Okay.

14 MR. SMITH: Which is well under the  
15 federal limit. The federal limit is 5R. Okay?  
16 And we have that limit so we can protect  
17 against the whole-body ingestion. I believe  
18 it's called TEDE; right?

19 MR. MULLIGAN: Right.

20 MR. SMITH: So we keep it as low as  
21 reasonably -- as we can. And, therefore,  
22 that's the protection there. It's not -- it's  
23 not something we're going to put respirators on  
24 people, if that's what you're looking for, I  
25 think.

1 MR. TURON: Is there -- is this the  
2 latest and most progressive --

3 MR. SMITH: Absolutely.

4 MR. TURON: -- process that we have?

5 MR. SMITH: Absolutely.

6 MR. TURON: In any environment?

7 MR. SMITH: Absolutely.

8 Well, obviously, if you're at the power  
9 plant, which we don't deal with, but the folks  
10 at the power plant, if they're going to  
11 mitigate the accident and go into certain  
12 areas, they're going to wear much more  
13 protective clothing, full face, negative  
14 respirators and, you know, purifier  
15 respirators, even with HEPA filters and that  
16 kind of stuff. But that's another issue.  
17 First responders out in the community, we train  
18 them to pick up a very low dose. If they even  
19 approach that dose, the dosimeters alarm at  
20 500, which is half that level.

21 MR. TURON: Okay.

22 MR. SMITH: And then if they're coming  
23 up to that 1R dose, we will replace them with  
24 somebody else. And the plans are written so  
25 that we can look at mutual aid, reach out to

1 other communities.

2 You know, since -- since terrorism has  
3 got to be such a big deal -- it's not just the  
4 nuclear power plants anymore. It's all of your  
5 communities in New Jersey have respiratory --  
6 not respiratory. I'm sorry. Dosimetry for  
7 radiation protection, that type of stuff.

8 MR. TURON: Right.

9 MR. SMITH: And a lot of responders are  
10 trained on it. So we work with other agencies  
11 and other groups to look for mutual aid in case  
12 we need it.

13 MR. TURON: I appreciate what you're  
14 saying. Are you telling me, if my badge is  
15 telling me I'm up there --

16 MR. SMITH: Right.

17 THE WITNESS: Are there showers in the  
18 area? Are they identified today?

19 MR. SMITH: We have -- oh, yes. Well,  
20 the brochure that the gentlemen held up before  
21 identified those reception centers.

22 MR. TURON: Okay.

23 MR. SMITH: And the traffic control  
24 points are set up to guide people to those  
25 reception centers. That what we have to ensure

1           that as many people as we can get to the  
2           centers will go there.

3                   MR. TURON:   Okay.   With the Exxon [sic]  
4           Corporation and their own security staff --

5                   MR. SMITH:   Yes, sir.

6                   MR. TURON:   -- that monitors the plant.  
7           They are hired, and they work for the  
8           corporation.   Right?   Do we have a civilian  
9           advisory board that should do a quarterly  
10          evaluation of how that plant's being run?  
11          Shouldn't that be a security thing that we  
12          should advocate?

13                   MR. SMITH:   That's a great idea.   I'm  
14          not sure if they do or not.   You know, we --

15                   MR. TURON:   I mean, if I'm interested, I  
16          would be there.   Okay?

17                   MR. SMITH:   Yeah.

18                   MR. TURON:   Because we know when  
19          corporations run their own operation, a lot of  
20          things don't go the way it appears to the  
21          public.

22                   MR. SMITH:   Well, we're kind of getting  
23          astray here now, you know.   We're really not  
24          talking about the plan, and we're talking about  
25          the power plant.

1 MR. TURON: Okay.

2 MR. SMITH: And that sort of thing.

3 But I'm going to answer your question  
4 anyway. Because when you say just the  
5 corporation is running the company and, you  
6 know, there might be some bias there. They're  
7 well regulated by the NRC. Let me tell you.  
8 They are very regulated. I actually worked  
9 there for 22 years prior to working for the  
10 State Police.

11 MR. TURON: Thank you.

12 MR. SMITH: I'm with the State Police  
13 now for 12 years. Okay?

14 MR. TURON: Okay.

15 MR. SMITH: The regulations there are  
16 check, double check, recheck, and they're very  
17 well regulated by NRC, their procedures, their  
18 plans. So it's not a situation where you've  
19 got a company that's kind of just running and  
20 doing what they want to do. It's just not  
21 happening, so. From my experience.

22 MR. TURON: Well, I'm concerned deeply  
23 about having an inferno there.

24 MR. SMITH: And that's --

25 MR. TURON: That's my opinion.

1 MR. SMITH: That's your opinion.

2 MR. TURON: As a family --

3 MR. SMITH: Yeah.

4 MR. TURON: And a person of --

5 MR. SMITH: And, you know, one more.

6 You said GE is out of the picture. GE is not  
7 out of the picture. GE is -- they have a  
8 General Electric Working Group. Okay?

9 MR. TURON: They're still involved?

10 MR. SMITH: Oh, yeah. They have a  
11 working group. For me it's called a BGE, BWR  
12 Working Group, NEI, Nuclear Energy Institute.

13 MR. TURON: Okay.

14 MR. SMITH: There's various groups  
15 involved that have a lot of oversight. And if  
16 you speak -- if you spoke to any of the  
17 employees there, they'd say, we are regulated  
18 beyond all belief. So it's not something where  
19 the president of the company can say, eh, just  
20 don't do that. It doesn't happen.

21 MR. TURON: No. I'm not presenting it  
22 that way.

23 MR. SMITH: Yeah. Yeah. No.

24 MR. TURON: Okay. Again, I'm really  
25 concerned about some kind of an inferno sitting



1           there.  These pellets and this spent fuel are  
2           piling up.  We're supposed to have been moving  
3           this to Utah and the other part of the country.

4                   MR. SMITH:  Nevada.

5                   MR. TURON:  Nevada.  Where ever.  Yes.

6                   MR. SMITH:  Yucca Mountain.  Yes.

7                   MR. TURON:  Anyway, we spent billions to  
8           build that burial ground.  The pellets are not  
9           going to leave.  No states are going to allow  
10          it to be transferred across the states.  But,  
11          again, that's not in the evacuation procedure.

12                   MR. SMITH:  Well, we're --

13                   MR. TURON:  But I'm concerned about  
14          something happening here.  And I would like to  
15          be involved with monitoring what -- what's  
16          happening.  And I would think any corporation  
17          would advise an advisory committee of the  
18          public.

19                   MR. SMITH:  Uh-hum.

20                   MR. TURON:  That's only a natural  
21          baseline --

22                   MR. SMITH:  Right.

23                   MR. TURON:  -- to follow.

24                   Lastly, I'd hate to lose 300 people if  
25          something were to go wrong.

1 MR. SMITH: We all would.

2 MR. TURON: And I would hate to lose --  
3 okay? This is the southern part of our state.  
4 It's our responsibility. It's our elected  
5 leaders' responsibility, not just mine and  
6 everyone here that's at this hearing meeting.  
7 I'm very disappointed there's so few people  
8 here that care, because our lives are at stake.  
9 Every one of our schools, all the successful  
10 people here in New Jersey have this -- this  
11 plant, which was built, one of the hundred  
12 plants, the oldest one --

13 MR. SMITH: Uh-hum.

14 MR. TURON: -- with this particular  
15 system. I'd like to see it buried. And we  
16 need jobs. And that's why I'm not offering an  
17 evacuation plan. We need jobs in this country.  
18 And we should put a cement plant on that site  
19 and bury it, and that would be a very simple  
20 solution, and we wouldn't need an evacuation  
21 plan.

22 Thank you for your time, gentlemen.

23 MR. SMITH: Yeah. Thank you, sir, I  
24 appreciate it.

25 MR. PINNEY: Thank you, Stanley.

1 MR. TURON: Thank you very much.

2 MR. PINNEY: So seeing no other people  
3 that want to testify again? Okay.

4 Jeff Brown?

5 MR. BROWN: Jeff Brown. I just had a  
6 question about the chain of command. I  
7 understand that the Governor ultimately gives  
8 the decision to implement the plan; right? I  
9 mean, he gets on the phone and he says, okay.  
10 Jump into action. I'm wondering if the  
11 Governor's campaigning out in Idaho, is the  
12 Lieutenant Governor going to make that  
13 decision?

14 MR. SMITH: Right -- right now, the way  
15 our plan is written is that we have a state  
16 director, which is our major in the emergency  
17 management section. Okay? And the state  
18 director will coordinate either directly with  
19 the Lieutenant Governor or the Governor. In  
20 their absence, the state director has the  
21 authority and the power to make protective  
22 action decisions. I actually sit in that same  
23 command room with the major, Jeff Mottley, and  
24 I advise him on the plan and when we do  
25 evacuations. So it is covered. It's not

1 something where the Governor is out of state,  
2 we don't have control over it. So it's  
3 covered.

4 MR. BROWN: Thank you.

5 MR. SMITH: Yes, sir.

6 MR. PINNEY: Thank you, Jeff.

7 Paula Gotsch?

8 MS. GOTSCH: Thank you.

9 I first want to say I thought that man  
10 had a very good idea about a citizens advisory  
11 board. There's a lot of frustration from the  
12 public that they just never get to have a say  
13 about these things.

14 And I -- I do have to take issue with  
15 your reassurance about the NRC. We've been  
16 working with them now a long time. We've  
17 attended commissioners meetings down there.  
18 When Fukushima -- when they appointed that  
19 near-term task force for Fukushima, because  
20 that's the same model as sitting down there in  
21 Lacey, the senior staff said, we have got to  
22 have filtered vents on these plants. Because  
23 what happens is in and event of a core damage  
24 accident, the amount of radiation we would have  
25 to vent -- we have to get filters. We just

1           can't let that go out to the people.

2                         And they did say that a problem at  
3           Fukushima was the operators were reluctant to  
4           open that vent, which saved -- which is  
5           designed to save the poorly designed nuclear  
6           clear boiling water reactors from exploding.  
7           You have to vent the radiation. They held off  
8           as long as they could because they didn't want  
9           to vent their families. And it ended up -- we  
10          ended up with hydrogen explosions.

11                        But what I'm trying to say is, if the  
12          NRC was so immaculate, as you portrayed them  
13          for safety, they would immediately have looked  
14          at what the senior staff said. And this is  
15          their senior staff. This is their top people  
16          at the NRC. The commissioners who are  
17          political appointees decided to accept a plan  
18          that the nuclear -- the NEI came up with, and  
19          the plants themselves came up, which was much  
20          less. It's called FLEX. And it's a  
21          gerrymandered thing where people are running  
22          around, and they didn't want to do the filtered  
23          vents. So they -- the commissioners gave them  
24          a pass on that one.

25                        Now they don't want to do the hardened

1 vents, either. The hardened engineered vents,  
2 which were -- was a compromise. That the  
3 commissioners first said, okay, we'll have them  
4 do the hardened vents. We won't make them do  
5 the filters; right? It's too expensive. Well,  
6 now, Exelon has asked for a pass on that.  
7 They're trying to water that down. So I think  
8 when you have an organization like the NRC  
9 which is run -- final word comes from political  
10 appointees, half of which are not engineers,  
11 not nuclear people, who ignore the advice of  
12 their senior staff, you are not talking about a  
13 careful, careful monitor. You are talking  
14 about a compromised industry-dominated  
15 safety -- you know, monitor.

16 And I think that what makes what this  
17 man said very valid, corporations look at their  
18 bottom line. We need citizens involved to keep  
19 them honest. And so I applaud his suggestion.

20 Thanks.

21 MR. PINNEY: Thank you, Paula.

22 Anybody else want to speak or speak  
23 again?

24 (No response.)

25 MR. PINNEY: Seeing no one, I think we

1 will close our hearing.

2 Thank you.

3 (Applause.)

4 (The public hearing was concluded at  
5 6:47 p.m.)

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C E R T I F I C A T E

I, DARLENE SILLITOE, a Certified Court Reporter and Notary Public of the State of New Jersey, certify that the foregoing is a true and accurate transcript of the proceedings.

I further certify that I am neither attorney, of counsel for, nor related to or employed by any of the parties to the action; further that I am not a relative or employee of any attorney or counsel employed in this case; nor am I financially interested in the action.



-----  
*Darlene Sillitoe*  
DARLENE SILLITOE, CCR  
License No 30XI0102300

Dated: August 10, 2015  
My Notary Commission Expires  
December 9, 2019  
ID No 50006932



A			
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