

1 NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
2 DIVISION OF ENVIRONMENTAL SAFETY AND HEALTH
3 PUBLIC HEARING

4 -----x

5 IN RE: :
6 THE NEW JERSEY RADIOLOGICAL :
7 EMERGENCY RESPONSE PLAN FOR :
8 NUCLEAR POWER PLANTS :

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11 LOCATION: Salem County
12 Office of Emergency Management
13 135 Cemetery Road
14 Woodstown, New Jersey 08098

15 DATE: Wednesday, July 15, 2015

16 TIME: 6:02 p.m. to 6:28 p.m.

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1 Computer-aided transcript of the
2 public hearing, taken stenographically in the
3 above-entitled matter before LISA C. BRADLEY, a
4 Certified Court Reporter, License #30XI00228700, and
5 Notary Public of the State of New Jersey, at Salem
6 County Office of Emergency Management, 135 Cemetery
7 Road, Woodstown, New Jersey 08098 commencing on
8 Wednesday, July 15, 2015, at 6:02 p.m.

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1 P A N E L:

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3 JERRY HUMPHREYS, Hearing Officer

4 ALLEN SMITH, New Jersey State Police

5 PATRICK MULLIGAN, New Jersey Department of

6 Environmental Protection

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PUBLIC COMMENT

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SPEAKER

PAGE

BARBARA STRATTON

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1 HEARING OFFICER HUMPHREYS: Good
2 evening. My name is Jerry Humphreys. I am an
3 engineer in the Bureau of Nuclear Engineering within
4 the Department of Environmental Protection. I'll be
5 the Hearing Officer this evening.

6 The purpose of this hearing is to
7 receive testimony, comments, and questions regarding
8 the adequacy and effectiveness of the New Jersey
9 Radiological Emergency Response Plan for Nuclear
10 Power Plants. In order that this hearing may be
11 properly documented, these proceedings are being
12 recording by a Certified Shorthand Reporter.

13 Everyone attending this meeting is
14 asked to sign the attendance sheet before leaving.
15 The attendance sheets for these hearings are used to
16 update the Bureau of Nuclear Engineering's public
17 hearing mailing list.

18 Public notice of this hearing was
19 published in the New Jersey Register on July 6,
20 2015. In addition, public notice was published in
21 the South Jersey Times from June 30th through
22 July 14, 2015. Copies of the public notice for
23 these hearings were mailed in June to all persons
24 who attended last year's hearings.

25 The hearing will proceed as follows:

1 I will provide a brief background on why we are
2 conducting this hearing. Then I will introduce the
3 panel members and ask them to briefly describe the
4 role of their organization in nuclear emergency
5 preparedness and response. Finally, I will open the
6 hearing for comments and questions from the public.

7 The New Jersey Radiation Accident
8 Response Act requires the Department of
9 Environmental Protection, in cooperation with the
10 New Jersey Division of State Police, to conduct
11 public meetings, to take comment on, and to listen
12 to questions relevant to the adequacy and
13 effectiveness of the New Jersey Radiological
14 Emergency Response Plan for Nuclear Power Plants.

15 These public hearings are held
16 annually in each of the three counties affected by
17 the plan: Ocean County for Oyster Creek Nuclear
18 Generating Station, and Salem and Cumberland
19 Counties for Salem Unit 1, Salem Unit 2, and Hope
20 Creek Generating Stations. We are here tonight to
21 listen to your questions and comments on New
22 Jersey's Nuclear Emergency Response Plan. Comments
23 on more general nuclear power issues or issues that
24 relate to licensing and regulatory matters at
25 nuclear power plants are not within the purview of

1 this meeting and, hence, are not appropriate and
2 will not be addressed.

3 The purpose of the plan is to
4 coordinate and implement an immediate and
5 comprehensive response at the state, county, and
6 municipal levels to a radiological emergency
7 associated with any nuclear power plant affecting
8 the State of New Jersey. Copies of the plan are
9 available for public inspection at the Salem County
10 Emergency Management Office in Mannington Township,
11 the Cumberland County Office of Emergency Management
12 in Bridgeton, the Ocean County Office of Emergency
13 Management in Berkeley Township, the New Jersey
14 Office of Emergency Management in West Trenton.

15 Now I would like to introduce the
16 members of the panel. Mr. Allen Smith is
17 representing the New Jersey Division of State
18 Police. Mr. Smith is a site specialist in the
19 Office of Emergency Management, Radiological
20 Emergency Response Planning and Technical Unit. Mr.
21 Patrick Mulligan is representing the New Jersey
22 Department of Environmental Protection. Mr.
23 Mulligan is the manager of DEP'S Bureau of Nuclear
24 Engineering. Mr. Larry Heidenberg is representing
25 the New Jersey Department of Health. Mr. Heidenberg

1 is present in the audience to record any health
2 questions and will provide responses to your
3 questions at a later time.

4 Now I will ask Mr. Smith to briefly
5 describe the role of the State Police in the plan.

6 MR. SMITH: Good evening. I'm Allen
7 Smith, and I represent State Office of Emergency
8 Management within the Division of State Police. Our
9 office has the responsibility for administering and
10 implementing the Radiological Emergency Response
11 Plan for incidents at the nuclear power plants in
12 New Jersey.

13 In addition to the preparation of the
14 radiological emergency plans, the State Police is
15 the lead agency in the following functional areas:
16 Notification and communication; command and
17 coordination; protective actions, which include
18 evacuation, shelter-in-place, monitor and prepare,
19 access control, food, water, and milk control.
20 Other missions include traffic control,
21 decontamination, exposure control, mass care, law
22 enforcement, fire control, public health, and
23 reentry, return and recovery. Thank you.

24 HEARING OFFICER HUMPHREYS: Thank you,
25 Mr. Smith.

1 Now I'll ask Mr. Mulligan to briefly
2 describe the role of the Department of Environmental
3 Protection in the plan.

4 MR. MULLIGAN: Thank you, Jerry.

5 Good evening. My name is Patrick
6 Mulligan. I am the manager of the Bureau of Nuclear
7 Engineering. I will briefly discuss the role of the
8 Department of Environmental Protection in the New
9 Jersey's Radiological Emergency Response Plan.

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

21 Under the New Jersey Radiation
22 Accident Response Act, the Department of
23 Environmental Protection has the lead role in
24 accident assessment and control of food, water, and
25 milk following an incident. Accident assessment

1 involves two separate analyses, an engineering
2 analysis of the event at the plant as it unfolds,
3 and an analysis of the amount of radiation to which
4 the public may be exposed in the event of a release.

5 Depending upon the severity of the
6 event, the Department provides protective action
7 recommendations to the Governor, who will make a
8 final decision on actions to be implemented to
9 protect public health and safety. Protective action
10 recommendations for the public may include the
11 administration of potassium iodide, evacuation,
12 sheltering, and access control within the affected
13 or potentially affected area.

14 The Act also specifies that the
15 Department develop and implement a comprehensive
16 monitoring strategy that includes the daily
17 monitoring of levels of radioactivity in the
18 environment. The Department provides public health,
19 safety, and technical guidance with respect to the
20 preparation and implementation of the plan. The
21 Department's final responsibility under the Act is
22 to conduct, in cooperate with the State Police,
23 public hearings annually in each of the designated
24 counties to determine the adequacy and effectiveness
25 of the plan.

1 Members of my staff who are here
2 tonight from the Department of Environmental
3 Protection include from our environmental group,
4 Karen Tuccillo, the supervisor; and Mr. Jay
5 Vouglitois; and from our nuclear engineering
6 section, Mr. Elliott Rosenfeld; and from our
7 emergency preparedness section we have Ms. Veena
8 Gubbi, Mr. Atul Vaid, and Mr. Chris Barry. Thank
9 you.

10 HEARING OFFICER HUMPHREYS: Thank you,
11 Mr. Mulligan.

12 We'll now proceed with the public's
13 questions and comments. Those individuals who wish
14 to speak should complete a speaker registration card
15 and hand it to one of the staff. I'll call the
16 speakers names in the same order as I receive the
17 registration cards. Please be certain to clearly
18 print your name and address on the registration card
19 so that we may contact you if we need to respond to
20 your comments and questions more fully in writing.

21 When I call your name, come forward,
22 face the panel, and make yourself comfortable.
23 Before you begin your comments, please state and
24 spell your name for the reporter. Speakers will be
25 limited to five minutes each. If time still remains

1 after everyone has had a chance to speak, I'll
2 invite additional from those individuals who have
3 already spoken.

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

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

19 Thank you. We will now proceed to
20 call our first commenter. Ms. Barbara Stratton.

21 MS. STRATTON: Barbara Stratton,
22 B-A-R-B-A-R-A, S-T-R-A-T-T-O-N. And I live within
23 the ten-mile emergency zone just over the county
24 line in Stow Creek Township. And I see at least one
25 new face tonight.

1 And as I shared last week in
2 Cumberland County, I don't expect any answers to my
3 comments because I know there's no easy answers.
4 But I feel so strongly about it that I wanted to be
5 part of the public record.

6 And first, I want to also be clear
7 once again I have the utmost confidence in PSE&G's
8 culture of safety, having worked there at one point
9 myself. And I also have the utmost confidence in
10 the ability and dedication of our emergency response
11 personnel. But we're still talking about nuclear
12 power plants. And in addition to the inherent
13 dangers associated with nuclear power generation,
14 two additional factors make it critical that this
15 Emergency Response Plan remained capable of quickly
16 warning citizens of impending danger:

17 One, Artificial Island is the second
18 largest nuclear facility in the nation, a likely
19 target sitting halfway between our political capital
20 of Washington, D.C., and our financial capital of
21 New York City.

22 And two, as the name suggests, it was
23 built on a manmade peninsula jutting out into
24 Delaware Bay. Superstorm Sandy recently
25 demonstrated that the bay shoreline is vulnerable

1 during extreme weather events.

2 No doubt, this Emergency Response Plan
3 was state-of-the-art, adequate, and effective when
4 it was developed over 40 years ago. However, the
5 telecommunications infrastructure within the
6 ten-mile emergency zone has not kept pace with
7 advancements in telecommunications technology and
8 how today's society communicates. As a result, this
9 plan is quickly becoming outdated and, therefore,
10 inadequate and dangerously ineffective.

11 Many areas within the ten-mile
12 Emergency Response Zone do not have anything other
13 than deteriorating copper landline telephone service
14 for communication, and it does not work well in wet
15 or damp weather. Already suffering from substandard
16 telephone service, the citizens in these areas do
17 not have alternatives. There is no fiberoptic or TV
18 cable wire. And cellular phone service is
19 nonexistent or spotty, at best.

20 Two recent settlements between the New
21 Jersey Board of Public Utilities and Verizon, the
22 carrier of last resort, ensure that no fiberoptic
23 wire will be strung and that the current service
24 level standards will be phased out in three to
25 five years. On behalf of ratepayers, the New Jersey

1 Division of Rate Council has filed appeals against
2 both agreements.

3 So with good reason, I lack confidence
4 in the ability of this plan to quickly notify and
5 instruct area residents in the event of a nuclear
6 emergency. Hopefully, the siren system will be
7 intact, because the reliance on radio and reverse
8 911 may very well be inadequate and ineffective.
9 Radios are quickly becoming obsolete. And phone
10 calls over copper landlines on a rainy day simply
11 will not work. The communication device of choice
12 in today's society is the mobile cell phone. Yet
13 this plan has no mass text alert capability. And
14 even if it did, most areas within the emergency zone
15 do not have adequate cellular service to support
16 this advanced notification feature that has proven
17 to save lives.

18 In one such case in Tornado Alley,
19 when severe weather took out the siren system before
20 it could sound, it was text alerts that saved
21 countless lives from an approaching tornado. It is
22 critical to our public safety and I believe to our
23 national security that the area surrounding
24 Artificial Island be upgraded to the
25 telecommunications infrastructure necessary to

1 sustain an up-to-date, state-of-the-art Emergency
2 Response Plan.

3 In closing, may I once again be so
4 bold as to suggest that the entities represented in
5 this room proactively pursue two avenues for
6 corrective action. One, work with local officials
7 in the effort already underway to reverse these
8 recent agreements with Verizon and the Board of
9 Public Utilities. And two, actively solicit federal
10 and state legislators to support the priority
11 deployment of advanced telecommunications
12 infrastructure in areas sensitive to national
13 security, such as the areas surrounding nuclear
14 power plants. Once again, thank you for you time.

15 HEARING OFFICER HUMPHREYS: Thank you
16 for your comment.

17 I have no other speakers that
18 registered. Why don't we go off record for ten
19 minutes because of the weather in case someone is on
20 their way. And at the end of ten minutes, we'll
21 reconvene and at least give people a chance to show
22 up if they happen to be on their way in this
23 weather.

24 (Whereupon, a recess was taken.)

25 HEARING OFFICER HUMPHREYS: Let's

1 reconvene.

2 I haven't received any other cards.
3 Apparently, there's no one else in the public to
4 speak, so at this time I will adjourn the hearing.
5 Thank you all for coming.

6 (Proceeding concluded at 6:28 p.m.)

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C E R T I F I C A T E

I, Lisa C. Bradley, a Certified Court Reporter and Notary Public of the State of New Jersey, do hereby certify that the foregoing is a true and accurate transcript of the testimony as taken stenographically by and before me at the time, place and on the date hereinbefore set forth, to the best of my ability.

Lisa C Bradley



LISA C. BRADLEY, CCR

CCR NO. 30XI00228700

Dated: July 31, 2015

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