

1 **NUCLEAR DECOMMISSIONING CITIZENS ADVISORY PANEL (“NDCAP”)**

2 **Wednesday, March 20, 2019**

3 **Plymouth Community Intermediate School (“PCIS”), Little Theatre, 117 Long Pond Road,**

4 **Plymouth, MA**

5 **Meeting Minutes**

6
7 Meeting called to order at 6:30 p.m. by NDCAP Chair Sean Mullin.

8
9 **NDCAP MEMBERS PRESENT:**

- 10 • Pat Ciaramella, Representative of Old Colony Planning Council
- 11 • H. Joseph Coughlin, Member from Plymouth Nuclear Matters Committee
- 12 • Pine duBois, Speaker of the House Appointee
- 13 • John G. Flores, Appointee of Governor Baker
- 14 • Richard Grassie, Minority Leader of the House Appointee
- 15 • Robert Hayden¹, Department of Public Utilities
- 16 • Robert Jones², Executive Office of Health and Human Services
- 17 • Joseph Lynch, Representative of Pilgrim Nuclear Power Station
- 18 • John T. Mahoney, Representative of the Town of Plymouth
- 19 • Gerard Martin³, Department of Environmental Protection
- 20 • Sean Mullin, Minority Leader of the Senate Appointee (Chair)
- 21 • David C. Nichols, Governor Baker Appointee
- 22 • Kevin O’Reilly, Speaker of the House Appointee (Vice-Chair)
- 23 • Samantha Phillips, Massachusetts Emergency Management Agency
- 24 • Jack Priest, Department of Public Health, Radiological Control Program
- 25 • Richard Rothstein, Representative of the Town of Plymouth
- 26 • Paul D. Smith⁴, Representative of UWUA Local 369
- 27 • Senator Dan Wolf, President of the Senate Appointee

28
29 **NDCAP MEMBERS NOT PRESENT:**

- 30 • John Chapman, Executive Office of Housing and Economic Development
- 31 • John Ohrenberger, Representative of Pilgrim Nuclear Power Station

32
33 **INTRODUCTION AND REVIEW OF FEBRUARY MEETING MINUTES:**

34 Chair Mullin announced that Samantha Phillips, Director of MEMA, would be joining the Panel. Chair

35 Mullin stated that a quorum was present.

36
37 Chair Mullin asked whether any Panel members had any proposed revisions to the February 20 meeting

38 minutes. Hearing none, he called for a motion to accept the February 20 meeting minutes, which

39 passed by unanimous vote of the members present.

40
41
42

¹ Designee of Angela O’Connor (DPU)

² Designee of Secretary Sudders (Executive Office of Health and Human Services)

³ Designee of Secretary Beaton (EEA)

⁴ Designee of Richard Sherman (Representative of UWUA Local 369)

1 **UPDATE ON INTERAGENCY WORKING GROUP:**

2 Chair Mullin stated that the Interagency Working Group (“IWG”) has focused on five subject matter
3 areas as they meet with Entergy and Holtec. They are: (1) financial; (2) radiological and non-
4 radiological; (3) emergency planning zone; (4) reporting requirements; and (5) environmental cleanup
5 standards. With regard to the motion to intervene in the Pilgrim license transfer filed by the Attorney
6 General on behalf of the IWG and the state, which is currently pending before the NRC, Becky Ullman,
7 chief of staff at the Executive Office of Energy and Environmental Affairs (“EEA”), stated that
8 confidentiality considerations prevent her from disclosing details about the IWG’s litigation strategy.
9 Ms. Ullman stated that the same is true of settlement discussions between the IWG and other parties.

10
11 Mr. Coughlin asked for an update on progress on the five subject matter areas listed above. Ms. Ullman
12 responded that the IWG meets regularly with the Attorney General and experts within EEA agencies, but
13 noted that it is difficult to provide additional details due to the pending litigation. Ms. Ullman stated
14 that the IWG submitted comments on the Holtec PSDAR on March 4, and that it would be submitting
15 comments on the Entergy PSDAR the next day, and she noted that both are public documents.

16
17 Ms. duBois asked whether Ms. Ullman could estimate when the litigation would be complete and more
18 information can be shared. Ms. Ullman noted that Entergy and Holtec had responded to the IWG
19 intervention motion, and noted that the IWG’s answer to the response would be due on April 1. She
20 explained that the NRC has not provided guidance on timelines for upcoming milestones. Mr. Lynch
21 stated that the Commission would decide whether a hearing will be granted on the intervention
22 motions. He noted that there is a 100-day guideline for the Commission to decide whether to grant a
23 hearing. Chair Mullin explained that Amy Snyder of the NRC told him that a schedule for the license
24 transfer proceeding has not yet been established.

25
26 Mr. Rothstein asked whether Four Points is still the IWG’s service contractor, and asked if they would
27 engage in any new studies on behalf of the IWG. Ms. Ullman responded that their scope of work is
28 continuing. Mr. Rothstein asked whether Panel members could review their materials. Ms. Ullman
29 responded that much of their work is confidential but that the PSDAR comments are publicly available.

30
31 Mr. Smith noted that Yankee Rowe has been decommissioned successfully and asked whether the IWG
32 and Attorney General’s involvement with Pilgrim will result in a better outcome than that. Ms. Ullman
33 responded that she was not certain she could answer the question.

34
35 Chair Mullin noted that the Panel would like to be involved in the IWG’s processes, including increased
36 sharing of information between the Panel and the IWG.

37
38 **QUESTIONS AND ANSWERS WITH HOLTEC:**

39 Chair Mullin introduced Andrea Sterdis the HDI VP for regulatory and environmental affairs.

40
41 Chair Mullin asked where the funding for the new ISFSI will come from. Ms. Sterdis responded that she
42 oversaw the preparation of the cost estimate in the PSDAR, and noted that the estimate in the PSDAR is
43 based on the contracts that would be implemented if the NRC approves the license transfer and the sale
44 of Pilgrim closes. Chair Mullin asked if Holtec currently has a contract with Entergy to build the second
45 ISFSI. Ms. Sterdis responded that she was not certain of the status that contract, but noted that that
46 contract would be executed regardless of the success of the sale and license transfer. Mr. Lynch noted
47 that Entergy has contracted certain services but was not certain whether it was a comprehensive
48 contract.

1 Chair Mullin asked if the contract is executed, whether the money would come from from the
2 decommissioning trust fund (“DTF”) or from DOE judicial awards. Ms. Sterdis responded that a licensee
3 may not withdraw funds from the DTF without an NRC-approved exemption request, and noted that
4 Holtec’s exemption request is pending before the NRC along with the license transfer request. If the
5 exemption is approved, Holtec will use the DTF funds. Chair Mullin asked if Ms. Sterdis could confirm
6 that all funds spent by Holtec on the construction of the new dry spent fuel storage pad will come from
7 the DTF. Ms. Sterdis responded that Holtec’s application must include modeling to show that there is
8 sufficient funding to cover those costs. Chair Mullin asked where the funding for the decommissioning
9 of Pilgrim where come from. Ms. Sterdis responded that those costs are classified as license termination
10 costs. Chair Mullin asked where the money in the DTF came from. Ms. Sterdis responded that NRC
11 regulations require a licensee to set aside those funds. Chair Mullin noted that it was the ratepayers
12 who paid that money.

13
14 Chair Mullin asked where funds for moving spent fuel to a site in New Mexico would come from. Ms.
15 Sterdis responded that such activities remain highly speculative and it would be irresponsible to
16 speculate on how it would be funded. Chair Mullin asked whether it is accurate to characterize the
17 funds that will be used to build the second dry cask storage pad as taxpayer/ratepayer money. Ms.
18 Sterdis responded that she is not an expert on the origin of the funds. Chair Mullin asked to confirm
19 that Holtec and Entergy do not currently have a contract to construct a second dry cask storage pad.
20 Ms. Sterdis replied that she could not answer. Chair Mullin asked whether Holtec intends to sue DOE to
21 recover funds associated with the ongoing on-site storage of spent fuel at Pilgrim. Ms. Sterdis
22 responded that Holtec’s focus has been to pursue license transfer approval and to close the sale. She
23 noted that opportunities for DOE reimbursement may come later. Chair Mullin asked about the
24 interplay between the cost estimates Holtec included in its PSDAR the funds that Holtec could be eligible
25 to recover from the DOE, whether those cost estimates accounted for those DOE funds, and, if not, how
26 Holtec will adjust its cost estimates when it receives additional funds. Ms. Sterdis responded that Holtec
27 submitted the cost estimates in accordance with NRC regulations, and that these estimates show
28 sufficient funds to complete the required tasks. She stated that Holtec will annually submit reports
29 showing how expenditures are reimbursed from the DTF.

30
31 Chair Mullin asked how much Holtec will charge for construction of the dry casks storage pad. Ms.
32 Sterdis responded that she could not answer, but that it may be appropriate for other Holtec
33 representatives to appear at a Panel meeting to provide that information. Chair Mullin asked how much
34 was built into the budget to complete the new pad. Ms. Sterdis responded that the spent fuel
35 management cost estimates were included in NRC submissions and are publicly available, but that she
36 does not know the number offhand.

37
38 Ms. Sterdis noted that, prior to the meeting, she had been asked to be prepared to answer three
39 questions. The first was to provide general information about what specific assets Holtec would be
40 acquiring. She stated that, if the license transfer application is approved, Holtec would acquire 100% of
41 the equity interest in the Entergy Nuclear Generating Company pursuant to an equity purchase and sale
42 agreement. She stated that the publicly available information in the license transfer application states
43 that the transfer includes the plant, the equipment, and the land. She stated that that the Pilgrim spent
44 fuel and other site liabilities also transfer to Holtec. Further details are confidential.

45
46 Ms. Sterdis noted that the second question was with respect to the 1,500 acres of land at Pilgrim. She
47 stated that Holtec’s focus is on the license transfer process. She noted that the majority of the 1,500
48 acres is protected forest until 2022. She also noted that 375 acres are included in the NRC license, and

1 these will not be released until the final status survey at the end of decommissioning. Because the land
2 requires actions that are years in the future, Ms. Sterdis stated that it would be irresponsible to
3 speculate about its future, but noted that Holtec is committed to working with the town as plans
4 become better defined.

5
6 She stated that the third question is an explanation of Holtec's thoughts on the NPDES permit it cited in
7 its PSDAR. She noted that Holtec relied on the most recent information in preparing its submissions,
8 and that Holtec reviewed the current NPDES permit that expired in the 1990s but is still in force, as well
9 as letter agreements between Entergy and the EPA, as well as the draft NPDES renewal permit. She
10 noted that this information informed the details in its submissions. She stated that Holtec also
11 considered environmentally compliant practices for handling water during decommissioning and noted
12 that Holtec will work closely with relevant government agencies. She also noted that on March 18,
13 Entergy and Holtec filed responses to the Attorney General and Pilgrim Watch intervention requests,
14 and that the pendency of these proceedings prevents her from going into further details on topics
15 covered in these proceedings.

16
17 Chair Mullin noted that Holtec is buying assets from Entergy, and asked where the funds are coming
18 from. Ms. Sterdis responded that this information is proprietary. Chair Mullin asked whether Holtec will
19 donate the land in the future. Ms. Sterdis responded that it would be irresponsible to comment on this,
20 but noted that Holtec will work with the town. Chair Mullin said that the answers that you provided are
21 completely and utterly disappointing and unacceptable. The full lack of transparency, from my
22 perspective speaking as an individual member and not as the chair, are so appalling that you will not tell
23 us the basic information about the transaction financially, by itself, in my opinion makes you guys
24 questionable beyond anything else. Thank you for coming but that was a disgrace.

25
26 Senator Wolf noted that, for several years, ratepayers were funding the DTF to decommission Pilgrim.
27 He asked whether Entergy would have earned a profit on the decommissioning of Pilgrim if it retained
28 the license, and if the answer is no, why a transfer to an entity that intends to use the DTF to earn a
29 profit is under consideration. He noted that the purpose of the DTF was not to create a profit for new
30 investors, but rather for decommissioning itself. Mr. Smith noted that if Entergy were not to transfer
31 the license, the plant would enter SAFSTOR and remain in place for another 60 years, and that Holtec's
32 8-year DECON plan therefore presents certain advantages.

33
34 Vice-Chair O'Reilly noted that he had a list of 15 requests from the Plymouth Board of Selectmen and
35 asked if Holtec could provide updates on each.

- 36
37 1. To move the dry cask storage pad farther from Cape Cod Bay
38 • Vice-Chair O'Reilly noted that current plans accommodate this request.
39
40 2. To agree to commit to a 10 millirem standard
41 • Ms. Sterdis responded that Holtec is engaged in discussions with Massachusetts and are
42 open to discussions to comply with that request.
43
44 3. Transfer of 1,500 acres to the town
45 • Vice-Chair O'Reilly noted that Ms. Sterdis has already answered this, but pointed out
46 that a land owner can release the land prior to 2022 if it so chooses, and that this has
47 been done before.
48

- 1 4. Annual payments by Holtec to Plymouth until 180 days after last assembly is in dry cask storage
2 of \$9.25 million per year, and then ongoing payments to be negotiated
3 • Ms. Sterdis responded that there are no active discussions presently, but noted that
4 Entergy is in discussions with the town regarding SAFSTOR payments. She noted that
5 Holtec is not the licensee at this time.
6
- 7 5. Item 5 was omitted from discussion.
8
- 9 6. Annual payments to support and maintain the current level of community and charitable
10 donations
11 • Ms. Sterdis responded that Holtec is not in these discussions at this time.
12
- 13 7. Written assurances and financial guarantees that the parent organization will assume liabilities
14 for decommissioning costs if there are insufficient funds in the DTF
15 • Ms. Sterdis responded that NRC regulations govern this process, and the NRC is
16 reviewing Holtec's application.
17
- 18 8. Written assurances and financial guarantees that Holtec will remove radiological and non-
19 radiological environmental conditions that are discovered during decommissioning
20 • Ms. Sterdis responded that NRC regulations govern this process and that Holtec's
21 application and PSDAR are under NRC review.
22
- 23 9. Written assurances and financial guarantees that Holtec will provide funding to the Department
24 of Public Health to pay for offsite radiological monitoring and testing
25 • Ms. Sterdis responded that Holtec is in discussions with the relevant state agencies.
26
- 27 10. Written assurances and financial guarantees that Holtec will provide sufficient security to
28 protect spent fuel at a level mutually agreed upon with appropriate state agencies
29 • Ms. Sterdis responded that security is governed by NRC regulations and that Holtec's
30 plans were described in the PSDAR and comply with the regulations
31
- 32 11. Assurance that Holtec will provide detailed financial reports to appropriate state agencies and
33 NDCAP on an annual basis starting six months after the transfer.
34 • Ms. Sterdis responded that Holtec would be required by NRC regulations to provide
35 annual detailed updates that shows what has been spent on decommissioning, and
36 what remains to be performed, along with a showing that there is sufficient funding in
37 the DTF.
38
- 39 12. Written assurances and financial guarantees that Holtec will retain responsibility and liability to
40 repair or replace any dry casks in the future
41 • Ms. Sterdis responded that those liabilities will be retained by Holtec, as required by
42 NRC regulations.
43
- 44 13. Written assurances and financial guarantees that Holtec will base its decommissioning plans on
45 the assumption that spent fuel will be stored on site indefinitely
46 • Ms. Sterdis responded that this liability remains with Holtec, and that its application is
47 being reviewed by the NRC under its regulations.

1
2 14. Written assurances and financial guarantees that Holtec will remediate or remove any structural
3 materials or soils containing detectable tritium regardless of whether the levels detected are
4 below NRC requirements for license termination

- 5 • Ms. Sterdis responded that Holtec will follow the NRC's requirements, but noted that
6 Holtec is in discussions with Massachusetts.
7

8 15. Written assurances and financial guarantees that the Pilgrim site will be restored, released, and
9 transferred to the Town of Plymouth

- 10 • Ms. Sterdis responded that it would be irresponsible to speculate about developments
11 that are years in the future.
12

13 Vice-Chair O'Reilly noted that most of Ms. Sterdis's responses referenced either the NRC or the state,
14 and asked whether Holtec had provided any response to the Board of Selectmen's questions. Ms.
15 Sterdis noted that she could not answer the question.
16

17 With regard to the draft NPDES permit referenced in the Holtec PSDAR, Ms. duBois asked whether
18 Holtec has had discussions with EPA. Ms. Sterdis responded that there have not been discussions at this
19 time. Ms. duBois noted that the NPDES permit being expired presents a problem with regard to
20 decommissioning. Ms. Sterdis responded that Holtec is committed to complying with all environmental
21 regulations.
22

23 Mr. Lynch noted that the previous Panel meeting included a discussion regarding an invitation to EPA
24 representatives to appear at an upcoming Panel meeting, and asked if there are any updates. Chair
25 Mullin responded that he had spoken with EPA representatives about appearing at a meeting, and that
26 he is waiting to hear back.
27

28 Mr. Mahoney noted the Plymouth pilot program and a proposal to approve a two-year extension for
29 fiscal years 20 and 21 at \$7 million and \$6.5 million respectively, and asked whether Holtec will honor
30 that agreement if the license transfer is successful. Ms. Sterdis responded that she is working with
31 Entergy on this, but that she believes it to be correct. Mr. Mahoney asked whether the \$13.5 million
32 would come from the DTF, to which Ms. Sterdis responded that it would.
33

34 Mr. Nichols suggested that the Panel communicate its priorities with the IWG because it may be more
35 able to receive certain types of information than the Panel.
36

37 With regard to millirem limits, Mr. Rothstein asked whether Holtec could meet its cost estimates if
38 required to meet the 10 millirem standard. Ms. Sterdis responded that the cost estimates are
39 conservative and includes a significant contingency, and remains in discussions for the Commonwealth.
40

41 Mr. Smith noted that if an entity is willing to rapidly decommission Pilgrim, the Panel should listen.
42

43 Senator Wolf asked whether previous pilot payments have come out of the DTF, and why that would be
44 allowed now. Mr. Lynch responded that after a shut down, rules change regarding qualified
45 withdrawals from the DTF, and that property taxes have been allowed. Senator Wolf also asked if the
46 safety level of the plant was a condition of the sale, to which Ms. Sterdis responded that it was not.
47

1 Mr. Ciaramella asked whether there is the potential for economic development on the site. Ms. Sterdis
2 responded that no planning has been done with regard to future land use, but that Holtec is committed
3 to working with the town.

4
5 Chair Mullin noted that Entergy and Holtec intend to use ratepayer funds to pay their taxes through the
6 pilot program. He also noted that the lack of information prior to closing raises questions.

7
8 Mr. Priest brought up topics from previous meetings for discussion. First, was a review of the status of
9 the Holtec dry fuel storage contract with Entergy. Second was to communicate with EPA for a discussion
10 of the NPDES process.

11
12 Chair Mullin thanked Ms. Ullman for her efforts in helping the Panel procure hearing-impaired listening
13 devices.

14
15 **UPDATE FROM ENTERGY REGARDING STATUS OF EMPLOYEES:**

16 Mr. Lynch provided an update on the status of Pilgrim employees. He stated that the Entergy talent
17 absorption program, which is for employees who will not be staying at Pilgrim after shutdown and are
18 exploring other opportunities within Entergy, has 103 employees. 44 have committed to new positions
19 at Entergy, and 22 are continuing to advance through the process. He stated that Entergy is providing
20 information to employees about their benefits, and is involved with the Department of Career Services.
21 He stated that Entergy is providing training for new career opportunities, including a course in
22 wastewater prep. He noted that there are other federal and state programs, including with the US
23 Department of Labor's trade adjustment assistance program, which would provide additional benefits to
24 employees. He explained that Entergy is placing employees in the Phase 1 organization, which is the
25 organization that will exist after shutdown. The actual transition to Phase 1 occurs after permanent
26 defueling. He stated that he could not comment on individuals until it is fully staffed.

27
28 Ms. duBois asked if any employees would transfer to Holtec. Mr. Lynch responded that certain
29 individuals would have that opportunity.

30
31 Mr. Ciaramella asked how many employees are at Pilgrim now. Mr. Lynch responded that three are
32 about 570, and about 300 people will remain in the Phase 1 organization. Phase 1 will last
33 approximately 10 months, until April 2020. At that point, the organization will reduce its staff by half.
34 After all spent fuel is in dry cask storage, there will be a further reduction.

35
36 Mr. Nichols asked if there is any possibility for Pilgrim to continue operating past May 31. Mr. Lynch
37 responded no, and that Entergy has not ordered additional fuel.

38
39 Chair Mullin noted that some senior staff at Pilgrim would be departing. Mr. Lynch responded that he
40 could not comment on any individual cases.

41
42 Senator Wolf asked who would employ the Phase 1 employees. Mr. Lynch responded that they will be
43 Entergy employees until the license transfer is complete. At that point, CDI would be the employer.
44 Senator Wolf asked for a clarification on who will be the licensee – Holtec or CDI. Mr. Priest noted that
45 the license transfer application names CDI as the counterparty to Entergy. Chair Mullin noted that
46 Holtec is involved in the acquisition, and that it will form a new entity, CDI. Mr. Lynch noted a licensee
47 can use its own employees or contract certain jobs out. Senator Wolf noted that this license transfer is
48 about liability and profit, and stated that additional transparency would be appropriate. Mr. Lynch

1 noted that a business model where a licensee contracts is likely more expensive than the integrated
2 model Holtec has proposed.

3
4 Mr. Rothstein asked whether there were other candidates for license transfer other than Holtec that
5 could also perform DECON. Mr. Lynch provided as an example NORTHSTAR, which is performing DECON
6 at Vermont Yankee, and also that Holtec was selected through a competitive procurement.

7
8 **OLD BUSINESS:**

9 Chair Mullin asked Mr. Lynch to confirm that the acreage impacted by the new pad is 1.5 acres. Mr.
10 Lynch responded that he would send out the correct acreage by the end of the week.

11
12 Chair Mullin also asked about Entergy's log of radiological spills. Mr. Lynch responded that the file is not
13 electronic and is part of the ongoing litigation. Therefore, it is not public at this point but if it becomes
14 public, he will make it available to the Panel. Ms. duBois asked whether it would be possible to see it
15 this information in person. Mr. Lynch responded that one possibility would be to review it in a location
16 under Entergy control, a second possibility would be for a state government agency to audit it, and a
17 third would be for someone to provide the Panel with a summary of the information. Ms. duBois asked
18 whether this information has previously been summarized in any form, such as for the license transfer.
19 Mr. Lynch responded that it may have been, and that he could look into that.

20
21 Mr. Mahoney asked when Entergy would present to zoning Board of Appeal and Planning on the
22 location of the second ISFSI pad. Mr. Lynch responded that the zoning application has been submitted
23 and approved, and that Entergy was not asked to present. He stated that they have moved onto the
24 building permit, which has been submitted. If a request were to be made to make a presentation to the
25 board, Entergy would be happy to do so.

26
27 Mr. Nichols asked whether there is a large number of radiological spills in that file. Mr. Lynch responded
28 that it is not the volume of the number of spills, but rather a volume of paper.

29
30 Mr. Coughlin stated that the Panel has to follow a process to close the loops on the information the
31 Panel requested at prior meetings that were never followed up. He suggested circulating the list of
32 items that were not followed up on to the Panel so that members can decide whether to pursue them.
33 With regard to the annual report, Mr. Coughlin noted that he prepared an outline with proposed
34 changes, and suggested that this also be circulated to the entire Panel for the other members' input.
35 Chair Mullin noted that members cannot deliberate because of the open meetings law, and suggested
36 that he could circulate these items to the other Panel members, provided that they do not deliberate
37 about the contents. Mr. Rothstein asked Mr. Mahoney how the Plymouth Board of Selectmen prepares
38 for meetings without violating the open meetings law. Mr. Mahoney stated that the Board receives an
39 information packet but engages in no email discussions.

40
41 Mr. Smith noted that the previous Panel meeting included a discussion of cancer that was unresolved.
42 He stated that the Nuclear Matters Committee previously looked into this issue and found no
43 correlation. Mr. Smith suggested that the Panel take this as an action item from previous meeting
44 minutes and pass it along to the proper authority. He clarified that he would like the DPH to verify
45 whether there is or is not an increase in cancer rate associated with operation of the plant. Chair Mullin
46 asked if it would be satisfactory to produce existing reports. Mr. Smith responded that the DPH should
47 be aware that this statement was made and should have a public judgment on it.

48

1 **NEW BUSINESS:**

2 Ms. duBois explained that comments on the Entergy PSDAR would be due the next day. She encouraged
3 members of the public to submit comments.

4

5 Mr. Coughlin noted that, in February, the Panel had passed a motion to contact the NRC to discuss the
6 March 4 comment deadline on the Holtec PSDAR. He noted that it is an open ended issue where the
7 Panel had committed to take an action. He also noted that Senator Wolf had asked the IWG to prepare
8 a report on cask integrity, and asked where this item stands. Senator Wolf suggested developing a more
9 formal process between the Panel and the IWG, where the IWG could react to these types of
10 recommendations from the Panel. Chair Mullin suggested that he could forward requests from Panel
11 members to Ms. Ullman. Mr. Coughlin suggested that the Panel should be selective with regard to what
12 it asks of the IWG, and that it should be information that is necessary. Chair Mullin stated that the plan
13 will be to compile a list at each meeting. Ms. Ullman noted that the IWG's focus is preparing materials
14 for the NRC license intervention proceeding, and she requested that the questions be asked of the IWG
15 be determined to be questions that can only be answered by the IWG.

16

17 Mr. Rothstein noted that the Nuclear Energy Innovation and Modernization Act included a report on
18 best practices for engaging communities near nuclear power plants. This process includes a number of
19 public meetings. He stated that the NRC provided instructions for public comment. He encouraged
20 members of the public to contact the NRC using the Panel as an example of the pros and cons of an
21 NDCAP. Mr. Nichols noted that the NRC would be hosting a public meeting the following Tuesday. Mr.
22 Lynch stated that it is the annual assessment meeting for 2018 performance of Pilgrim.

23

24 **PUBLIC QUESTION AND ANSWER:**

25 John Garley noted that the dry casks use a type of steel that corrodes after 17 years, and explained that
26 there is no emergency plan for after a cask cracks. He also noted that it could be dangerous to transport
27 those corroded casks to New Mexico.

28

29 Susan Carpenter asked whether SNC Lavalin could be prevented from joining the decommissioning
30 effort after the license is transferred to Holtec. Chair Mullin responded that he was not certain.

31

32 Diane Turco asked what the plan is to replace leaking or cracked canisters. Mr. Lynch responded that he
33 has no information on the warranty, but explained that there is an overpack canister that a failed
34 canister could go into. He explained that Entergy has an inspection program to ensure the integrity of
35 the casks. He explained that there is a procedure to address a flaw in a canister.

36

37 Jim Lampert asked how much Holtec is paying for Pilgrim, and noted that Entergy has represented that
38 consideration would be nominal, such as at Vermont Yankee's \$1000. He suggested that Holtec would
39 not be seeking the license without a profit of 25% to 35% of the DTF. He suggested that the DTF is too
40 small to complete decommissioning by a significant margin, and noted that the decommissioning cost
41 estimates are inaccurate. He noted that Holtec has refused to agree to use DOE litigation funds for
42 decommissioning, and suggested that those funds may add to Holtec's profit.

43

44 Mary Lampert stated that there are two choices – one is that the state will pay to finish the job, and the
45 other is that it will never be finished. She mentioned that this would diminish the entire Cape Cod Bay
46 area. She pointed out that the decommissioning cost estimates may be inaccurate and based on false
47 assumptions, especially if the fuel remains until 2063. She explained that a full site assessment should
48 be done to produce an honest cost assessment. She also recommended pushing for the less than 10

APPROVED AT 4/17/19 MEETING

1 millirem limit, and also for a dose assessment and recommended that Holtec commit to the basement
2 inventory model.

3

4 **WRAP UP AND ADJOURN**

5 Mr. Rothstein asked if Entergy considered placing DOE litigation awards into the DTF. If so, would
6 Entergy require Holtec to place DOE litigation awards into the DTF. Mr. Lynch responded that he could
7 not address this topic.

8

9 Chair Mullin called for a motion to adjourn. It was so moved and seconded.

10

11 ***Meeting adjourned at approximately 8:50 p.m.***