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2	PU	NEW YORK STATE BLIC SERVICE COMMISSION
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4	Point Closure Task	tter of the Establishment of Indian Force and Indian Point Decommissioning
5	Oversight Board	
6	Tele	conference WebEx Meeting
7	TIME:	6:35 p.m.
8		TOM CONGDON,
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10		Task Force and Oversight Board Chair
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18	Reported by Becky F	oster
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2	(On the record 6:35 p.m.)
3	MR. CONGDON: Well, good evening to
4	everyone. I'm Tom Congdon. I'm the executive deputy
5	at the Department of Public Service, and I'd like to
6	call to order the joint meeting of the New York State
7	Indian Point closure task force and the Indian Point
8	decommissioning oversight board. As you all know,
9	the task force has been meeting since 2017 to help
10	the communities around Indian Point transition
11	following the plant's closure. I was designated
12	chair of the task force by former P.S.C. chair John
13	Rhodes.
14	Earlier this year, the decommissioning
15	oversight board was established by the Department of
16	Public Service at the direction of Governor Cuomo and
17	with the strong support of Senator Harckham and
18	Assemblywoman Galef and many other community leaders.
19	The creation of this important body was very timely
20	as Indian Point ceased operations only a few weeks
21	ago, the P.S.C. completed its review and approval of
22	the sale of the plant from Entergy to Holtec at the
23	end of May and as the preparations for
24	decommissioning get under way.
25	I'll pause for just for a moment

Page 3 1 6-23-2021 Indian Point Closure 21-01188 _ 2 because I am getting a little feedback. So if you 3 could please go on mute if you're not speaking I'd 4 appreciate it. Our current P.S.C. Chair John Howard 5 has designated me as chair of the decommissioning 6 oversight board and today is the first meeting. Next 7 slide please. 8 Before I get to the introductions, I'd 9 like to note the arrangement for today's virtual 10 meeting. All attendee lines are muted upon entry. For panelists during the presentation, you can unmute 11 12 yourself if you have questions and -- and want to 13 We will be having a public statement speak up. 14 session at the end of this meeting. Participants who 15 preregister to speak will be given first priority and 16 other statements will be accepted as time allows. 17 The chat feature is also enabled and 18 we will be reviewing the chats as -- as we are able 19 to do so during the meeting, but we guarantee that we will review all the chats following the meeting. 20 And 21 if there are any technical difficulties along the way 22 you can dial 1-800-342-3330. Next slide. We have a very full agenda and a very 23 24 large group on these two important bodies. So I'd 25 like to be sure that we get through the introductions

Page 4 1 6-23-2021 -Indian Point Closure -21-01188 2 quickly so that we have time after the full agenda to 3 get to the public statement portion of the agenda. 4 So as we start the introductions, I'd like everyone 5 to please simply state their name and affiliation. And for efficiency sake I'll do a roll call to ask 6 7 for you to speak up in -- in the following order. So 8 I'll start with the governor's office. 9 MR. SHAH: Hi there. This is Rajiv 10 Shah, assistant counsel to the governor for energy, 11 environment and agriculture. 12 MR. CONGDON: Thank you, Raj. From Senator Harckham? 13 the state senate. You may be on 14 mute. I'll come back around. From the state 15 assembly? 16 ASSEMBLYWOMAN GALEF: Sandy Galef, New 17 York State Assemblywoman, 95th Assembly District 18 where the plants are -- were operational. Thanks. 19 MR. CONGDON: Great. From the county 20 executive's office? 21 MS. SPEAR: Susan Spear on behalf of Westchester County Executive George Latimer. 22 MR. CONGDON: From the Town of 23 24 Cortland? Were we joined yet by Supervisor Puglisi? 25 The Village of Buchanan?

Page 5 1 6-23-2021 - Indian Point Closure -21-01188 2 MAYOR KNICKERBOCKER: Theresa 3 Knickerbocker, Village of Buchanan mayor and host 4 community to the Indian Point Energy Center. And 5 concurrently Holtec. 6 MR. CONGDON: Thank you. Hendrick Hudson School District? 7 8 MR. HOCHREITER: Good evening. Joseph 9 Hochreiter, superintendent of the Hendrick Hudson 10 School District. 11 MR. CONGDON: From the county 12 legislature? 13 LEGISLATOR SMITH: Colin Smith, county 14 legislator for District One where the plant currently 15 is. 16 MR. CONGDON: Thank you. And I -- I 17 did get a note while we were talking with Legislator 18 Borgia who continues to have technical difficulties. 19 I've sent her the tech support so hopefully she'll be 20 able to join later. 21 UNIDENTIFIED SPEAKER: She's -- oh, 22 I'm sorry. I was just going to say yes she just texted me as well. She's trying to get on so she 23 24 sends her apologies in the meantime. 25 MR. CONGDON: Okay. Very good. Now

Page 6 1 6-23-2021 - Indian Point Closure -21-01188 2 to our labor representatives from the Teamsters. 3 MR. LIBERATORE: Can you hear me? 4 MR. CONGDON: Yes, hi Al. 5 MR. LIBERATORE: Al Liberatore from Teamsters Local 456 as you know I'm filling in for 6 7 Lou Picani tonight. 8 MR. CONGDON: Excellent. Thank you 9 very much. I see Pete Harckham. Senator Harckham, 10 are you -- are you able to get sound? SENATOR HARCKMAN: I should be. 11 Can 12 you hear me? 13 MR. CONGDON: Yes. 14 SENATOR HARCKMAN: Terrific. 15 MR. CONGDON: Welcome. Back to the 16 labor representatives from the U.W.U.A. 17 MR. SMITH: Yeah, how you doing Tom. 18 William Smith, vice president utility workers Local 1-2. 19 20 MR. CONGDON: Thank you, Bill. And do 21 we have Tom from the Westchester Putnam Central Labor 22 Council? Tom Carey? 23 MR. CAREY: Can you hear me now? 24 MR. CONGDON: Yes, hi Tom. 25 MR. CAREY: Okay. Hi everybody.

Page 7 1 6-23-2021 - Indian Point Closure -21-01188 2 Thomas Carey. I'm the president of the Westchester 3 Putnam Central Labor body. I'm also business 4 representative for the plumbers and steamfitters 5 Local 21 in Westchester Putnam jurisdiction. Thank 6 you. Thank you. 7 MR. CONGDON: I'm going to 8 move now to the state agencies. I'll start with my 9 boss, the P.S.C. Chair John Howard. John are you on? 10 CHAIRMAN HOWARD: Yes, I am. 11 MR. CONGDON: Thank you. 12 CHAIRMAN HOWARD: I'm here. Do I get 13 to have a few minutes, Tom or am -- I have to wait? 14 MR. CONGDON: If we could go through 15 the introductions, Chair, and then during the -- the 16 presentations that were being ... 17 CHAIRMAN HOWARD: I'm John Howard, the chair of the Public Service Commission. 18 19 MR. CONGDON: Thank you, John. 20 Members of the D.P.S. team? MR. SIPOS: Hi. Good evening. 21 John Sipos, deputy general counsel. 22 23 MS. MCCARRAN: Hi. Cindy McCarran, 24 deputy director for safety and reliability. 25 MR. CONGDON: Hi, Cindy. Any other

800.523.7887 6-23-2021, Indian Point Decomissioning Associated Reporters Int'l., Inc. Page 8 1 6-23-2021 - Indian Point Closure -21-01188 D.P.S. folks? 2 3 MR. SPEICHER: Yes, Kevin Speicher. 4 I'm the chief of pipeline safety and reliability. 5 MR. CONGDON: Thank you. And we know 6 --. Hi, Arpit, go ahead. 7 MR. MEHTA: Arpit Mehta, pipeline 8 safety section D.P.S. 9 MR. CONGDON: Anyone else from D.P.S.? 10 Joseph White here from MR. WHITE: 11 D.P.S. Just here for support. Thank you. 12 MR. CONGDON: Thank you, Joe. 13 MR. KACZMAREK: Tom Kaczmarek here 14 from D.P.S. 15 MR. CONGDON: Great. D.E.C.? 16 MS. TURTURRO: Good evening. Kelly 17 Turturro, regional director for the New York State 18 Department of Environmental Conservation. 19 MR. CONGDON: Thank you. Department 20 of Labor? 21 MS. COLEMAN: Karen Coleman. I'm the 22 deputy commissioner for Fulbright administration and 23 chief financial officer. 24 MR. ABRAHAMS: Orville Abrahams, 25 deputy commissioner for the Division of Employment

Page 9 1 6-23-2021 - Indian Point Closure -21-01188 2 and Workforce Solutions at the Department of Labor. 3 Thank you, Orville. MR. CONGDON: 4 Department of State? 5 MR. PATTISON: Mark Pattison ... 6 representing Secretary of State Rossana Rosado and 7 the department. MR. CONGDON: Division of Homeland 8 9 Security? 10 MS. WACHA: Good evening. Jennifer Wacha with the State Office of Emergency Management 11 12 within the Division of Homeland Security, deputy director. 13 14 MR. CONGDON: Thank you. And after you've introduced yourself if everyone can remember 15 to go back on mute it will help ensure there's no 16 feedback for the listeners. Division of Homeland 17 18 Security, we got. Thank you. Empire State 19 Development. 20 MR. RAVASCHIERE: Vincent Ravaschiere, 21 senior V.P. for Energy. 22 MR. CONGDON: Thank you. Anyone else 23 from E.S.D.? New York Power Authority? 24 MS. COLON: Good evening, Ruth Colon, 25 Vice president of shared services of the agency.

Page 10 1 6-23-2021 -Indian Point Closure -21-01188 2 MR. CONGDON: Thank you, Ruth. And 3 NYSERDA? 4 MS. PETERSON: Hi everyone. Alyse 5 Peterson, senior advisor for nuclear coordination and 6 radioactive waste policy. And also state liaison 7 officer designee to the nuclear regulatory 8 commission. 9 MR. CONGDON: Excellent. Thank you. 10 For those of you who may be new to Webex you will see your name on a panel to the right of your screen, and 11 12 to the right of your name you'll see a microphone if 13 you bring your -- your mouse over your name. Hover 14 your mouse over your name. You'll see a microphone 15 that will go green when you're unmuted and you can 16 click to mute and unmute yourself. Did I miss anyone 17 from the task force before introducing some new 18 members from the decommissioning oversight board? 19 MR. PALLADINO: Hi Tom. It's Scott Palladino, deputy commissioner, Department of 20 21 Taxation and Finance. Okay. 22 MR. CONGDON: Thank you, Scott. So everyone who just introduced themselves also I'm 23 24 grateful that you all agreed to also be appointed to 25 the decommissioning oversight board. And per the

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1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 governor's direction we've also added to the 3 decommissioning oversight board a representative from 4 the environmental community, Richard Webster from 5 Riverkeeper and a technical expert Dave Lochbaum who is formerly of the Union of Concerned Scientist and 6 is retired. And I'd -- I'd like to ask each of them 7 8 to introduce themselves and -- and perhaps because 9 you're new to the group, say a few words about your 10 background starting with Richard please. MR. WEBSTER: Hi, I'm Richard Webster. 11 12 I'm the legal director of Riverkeeper. I've had 13 quite a lot of involvement in nuclear issues over the 14 years starting I think at Oyster Creek with the 15 relicensing proceeding down there. And then did a 16 few different cases around the country, Florida, one up in Massachusetts. And then when I came to River 17 18 Keeper got involved in Indian Point. And I should 19 note for all those who keep saying well you can't understand nuclear power if you're not a scientist, 20 21 luckily I do have a degree in physics so that helps. 22 MR. CONGDON: Thank you very much. It 23 will come in handy. So Dave Lochbaum, welcome.

MR. LOCHBAUM: Thank you. My name is Dave Lochbaum. I retired a couple years ago after

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2	forty years working in the nuclear power industry.
3	Roughly seventeen years in the industry at plants
4	including FitzPatrick and Indian Point. And also
5	worked at the Union of Concerned Scientists and
6	somewhere brief sandwiched between those I worked for
7	a year for the Nuclear Regulatory Commission as a
8	reactor technology instructor. Thank you.
9	MR. CONGDON: Thank you very much,
10	Dave. Next slide please. So we're just very
11	fortunate to have such a diverse group representing
12	all the agencies that have any role to play in in
13	oversight and to help the communities transition post
14	closure as well as, you know, Dave and and Richard
15	we really welcome your participation and and
16	support here.
17	All of the local governments, the host
18	communities, you're essential to this work and, of
19	course, our representatives from from labor who
20	represent employees at the plant. They do incredibly
21	important work, dangerous work. And the work that
22	they do is keeping the overall community safe. And
23	it's going to be important as we go forward as a
24	decommissioning oversight board to also not lose
25	sight of the need to protect worker safety as well.

Page 13 1 6-23-2021 -Indian Point Closure 21-01188 _ 2 So I think we've got the right group 3 to attack an agenda like this. As you can see it's a 4 packed agenda. We're going to try to move quickly 5 through it. Again, we want to reserve time at the 6 end for the public participation. So next slide 7 please. 8 We're going to begin with some task-9 force business. Next slide please. A few updates to provide for task-force key milestones and issues that 10 we track and in business that we have to do pursuant 11 12 to the statute. So first and foremost the most 13 important activity that has occurred since we last 14 met is the fact that Unit 3 has now shut down and the P.S.C. proceeding, reviewing the transfer of Indian 15 16 Point from Entergy to Holtec has been resolved with an approval subject to a number of conditions that 17 18 were identified by the active parties in the case as 19 necessary for approval including just a few worth mentioning here. 20 21 The need to maintain a minimum balance 22 in the decommissioning trust fund for 10 years a minimum balance of \$400 million. Maintaining a 23

minimum balance of \$360 million dollars of the trust fund until partial site release. Holtec is required

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6 The company is funding emergency 7 management and response activities at the state and 8 local level. There will be necessary financial and 9 project reporting to New York State which will be an 10 important part of the information we all review as an 11 oversight board. And, of course, cooperation with 12 the relevant regulatory agencies and the 13 decommissioning oversight board. Notably, following 14 the approval of the P.S.C., subject to these conditions, the transfer closed on May 28th. 15 Next 16 slide please.

17 The other very important item that we 18 track as a task force, of course, is the cessation 19 fund. This is the program administered by E.S.D. that provides financial assistance to taxing 20 21 jurisdictions that are affected by the closure of 22 power plants. And over the course of the last 23 several months, a number of important things have 24 transpired related to the cessation program. Notably 25 back in February the Public Service Commission

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ding mechanism that secured \$12.5
ly through 2030 to be put into the fund
e of the program.
This was, as many of you know, a a
the taxing jurisdictions that while
s in place, and that was good, it was
to available funding. So for them to
get out a number of years was
d to have this dedicated funding
lace gives certainty to the taxing
that this program will be there to
So following the P.S.C. action, the
d the governor enacted some changes to
the budget increasing the
to the 140 million, extending the
law to ensure that the full 7 years of
r the Indian Point communities will
And now we're seeing the program
ng with the first application coming
he Village of Buchanan.
So I think in summary I can report the
So I think in summary I can report the ram is in strong financial shape and is

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will continue to keep an eye on this. And and
we'll want to hear from the taxing jurisdictions
whether there are any issues whatsoever in the
application process. Next slide.
The other bit of business for the task
force under the statute we are required to submit an
annual report updating the governor and the
legislature on activities for the year. We will be
I say we, Tom Kaczmarek, our executive director
will be sending all of the task force members a draft
annual report no later than the end of this week.
We'll ask for any feedback and then Tom will transmit
the report on our behalf in early July.
The highlights that you'll see in the
draft report that that you'll receive in the next
couple of days include things that won't be a
surprise to any of you. Just walking through the
P.S.C. approval and and the bullets I just
highlighted in the previous slide, cessation program
status. Notable legislation was enacted over the
last year. Thank you to the leadership of Senator
Harckham and Assemblywoman Galef.
A number of bills passed and were
signed by the governor that really helped to

Page 17 1 6-23-2021 Indian Point Closure -21-01188 _ 2 strengthen the workforce, helped to confirm P.S.C.'s 3 authority jurisdictionally over -- over the retired 4 nuclear power plant. It addresses the assessment of 5 the spent-fuel pools and dry cast storage systems so 6 that there could be potential future revenue streams 7 for -- for tax base. And also importantly allow the 8 pilot agreement to be entered into even though it was 9 a deactivated nuclear power facility. So really 10 important legislative activity that was I think very helpful to the community and to the employees. 11 12 We'll also report, as we always do 13 each year, on the Department of Labor's activities 14 and provide any workforce training information and 15 job placement support for affected employees. And we'll -- and we'll provide a summary of plant 16 operations notably the ceased operations, April 30 17 18 and the removal of all nuclear fuel from the I.P. 3 19 reactor in May. So I'm going to pause here and ask if 20 21 there are any questions from the task force members on recent activities and -- and the business that we 22 23 have as a task force to submit the annual report. 24 LEGISLATOR SMITH: Yes, hi. I'm 25 sorry, Tom?

Page 18 1 6-23-2021 - Indian Point Closure -21-01188 2 MR. CONGDON: Yes, go ahead. 3 LEGISLATOR SMITH: Colin Smith here. 4 I -- I just from one point of clarification and, you 5 know, I apologize if you covered this but going back to that -- just to the previous slide with respect to 6 7 the -- the funding that's being made available to, 8 you know, well, essentially to the municipalities at 9 this point --10 MR. CONGDON: Yes. 11 LEGISLATOR SMITH: -- and you had 12 noted that obviously Village of Buchanan first in 13 line, they're the ones hardest hit. And in terms of 14 the -- the actual monies or the dollars that are -that are being allocated, was that -- that 12.5 15 million is that an -- is that an annual amount that 16 17 was spent? 18 MR. CONGDON: Yes. 19 LEGISLATOR SMITH: Oh, that -- that's 20 an annual amount. And -- and can you just maybe 21 break that down just a little bit more in terms of --22 you know, to the extent that -- that you can. Is that -- is that money that's going -- not the -- is 23 24 that -- is that entire amount allocated for a 25 specific municipality or is that just -- how is that

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1 6-23-2021 _ Indian Point Closure 21-01188 _ 2 being made available and to -- to whom? 3 MR. CONGDON: Okay. So previous 4 budget appropriations established the fund in the 5 first instance. And prior to having a stable recurring annual funding mechanism, we used to track 6 7 sort of the balance of the fund. And, you know, 8 there were some one-time appropriations that were 9 added over the -- the previous few years. We -- we realized as -- as both a task force and I think as 10 the legislature and division of budget and others 11 12 that the sort of piecemeal one -- one shots were not 13 really providing the sufficient certainty for the 14 long-term duration of the program. So it was recommended by the task 15 force that a stable funding mechanism be identified. 16 17 The state energy planning board agreed with that 18 concept of providing that stable funding, and they 19 actually amended the state energy plan which gave the P.S.C. the legal authority to establish a collection 20 21 through the utilities to establish a -- a funding mechanism that is provided to -- directly to E.S.D. 22 so that they have the funding necessary to pay out 23 24 the grants to eligible communities when they become 25 eligible.

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2	So the authorization for 140 million
3	that was provided in the state budget this year is
4	the authorization on the total expenditure under the
5	program at E.S.D. based on the known eligible
6	communities that will be applying for the funds over
7	the foreseeable future. So that is the total kind of
8	exposure, if you will, on the fund that is known to
9	us today. And the 12.5 million annually was what was
10	identified as needed to get to that amount over the
11	period of time that communities will be paid out.
12	And so the the last point I'll make
13	is the the reason the village is in first is that
14	the communities become eligible in their fiscal year
15	the first fiscal year during which they they
16	they experience a 20% or more reduction in the
17	revenues from the plant. And so based on the way the
18	fiscal years work, the village's fiscal year came
19	first and they became eligible first. But the school
20	district and the town and and the county will also
21	be eligible at the when their fiscal year hits and
22	and their loss hits the right milestone.
23	LEGISLATOR SMITH: Thank you.
24	MR. CONGDON: Sure. And, Vince, from
25	E.S.D., if I got any of that at all wrong please

Page 21 1 6-23-2021 - Indian Point Closure -21-01188 2 correct the record now. 3 MR. RAVASCHIERE: No, you got it 4 right, Tom. Thank you. 5 MR. CONGDON: Okay. Thank you. And 6 thank you, Vince, for working with the village on 7 their application. Okay. Any other task force 8 business? 9 MR. CAREY: Say Tom it's Tom Carey, 10 how you doing tonight? 11 MR. CONGDON: Good thank you. 12 I just wanted to MR. CAREY: Good. 13 get a little clarification. I know last time we 14 spoke there was a couple of different trades that had national agreements with Holtec and that's not the 15 case for all the building trades. So I don't know if 16 17 Brother Al Liberatore or Bill Smith could help me out 18 on this one, but we did reach out a few different --19 on a few different occasions to Holtec in regards to getting all the building trades a meeting with Ed 20 21 Doyle, president of the Westchester Putnam Building 22 and Construction Trades. And I don't know if that's happened yet. I tried reaching out to Eddie so I 23 24 just want that in the minutes. 25 MR. CONGDON: Thank you, Tom.

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2	SENATOR HARCKHAM: Tom, to that to
3	that point if I can, when we met with Holtec in our
4	office, we reiterated that point. They said they
5	were going to be reaching out to all of the locals
6	not just the ones that had national agreements with.
7	And I believe the only one they reached out to you
8	was you, Tom. And the last time I spoke with them
9	was on the local task-force meeting and they still
10	hadn't made those outreaches yet. But they said they
11	would. So we can follow up with them, but but you
12	raised an important issue. We we want those
13	agreements to go forward.
14	MR. LIBERATORE: Tom and Senator, we
15	have been talks with technically C.D.I. with Holtec.
16	We just wrapped up the security offices and we've
17	been in talks with them about our construction
18	agreement. They've been pretty good so far but we
19	just started talks with them.
20	MR. CAREY: Good news. Thank you,
21	Senator and thank you for that because, yeah, like I
22	said I hadn't I hadn't spoken to Ed Doyle but, you
23	know, I know the last we spoke I did receive that
24	phone call because of your phone call to Holtec,
25	Senator. So thank you very much. And Al, I'll give

Page 23 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 you a call tomorrow on -- on this ... 3 MR. LIBERATORE: Yeah, and -- and Tom 4 I did leave that part out but that is part of is --5 is the -- what Janet Tosh was going to come meet with 6 the building trades. 7 MR. CAREY: Okay. Thank you. 8 MR. CONGDON: Thank you for raising 9 that. Chair Howard, I know that you played a very 10 big role as chair of the P.S.C. in overseeing the 11 proceeding that got us to this point of the transfer to Holtec and wanted to give you an opportunity to 12 13 talk about that process. 14 CHAIRMAN HOWARD: Thank you, Tom and 15 thank you to everybody on the call. Almost all of them I know personally, so my history it turns out 16 17 with I.P. goes back literally 30 years when I worked 18 for the New York Power Authority and then stretched 19 through my time with the New York State Assembly when I worked for then Chairman Tonko again with Chairman 20 21 Brodsky on the sale of the plants from Con Ed and the 22 Power Authority. And then now at the P.S.C. When I first came to the P.S.C. I told 23 24 Chairman Rhodes this was my number one priority issue 25 when I came to the commission. And as a matter of

Page 24 1 6-23-2021 _ Indian Point Closure 21-01188 _ 2 fact, within the first month I visited the site and 3 had a extensive tour. Was briefed on the Holtec 4 Entergy plan. Right after that I did a fair amount 5 of outreach to poll it in the community and asked 6 what their opinions were. And they were always the 7 But they did have --. same. 8 I was probably the number one skeptic 9 on this particular project from the beginning. То 10 get me to where I am now took a lot of work and a lot of effort. And I give everybody who was involved in 11 12 this settlement, all the participants a great deal of 13 credit to getting to where we are today. This what I 14 believe has been outstanding agreement certainly in 15 comparison to where we started this process. 16 Is it perfect? No. Is it a lot better than we started with? You betcha. And this 17 18 -- and this tonight is a pretty good indication of 19 what we need to do going forward. And, again, I do credit all the signers of this agreement and the 20 21 people that were willing to work on this... So I'm 22 just going to end with a very brief paraphrase of Churchill. You know, in terms of decommissioning 23 Indian Point tonight's not the end of the beginning. 24 25 In fact it just probably is the beginning of the end.

Page 25 1 6-23-2021 - Indian Point Closure -21-01188 2 So here we go. Thank you. Thank you, Tom. 3 Thank you very much, MR. CONGDON: 4 Chair Howard. And I believe we may have been joined 5 by a few more task force members and decommissioning 6 oversight board members. Is Town Supervisor Puglisi 7 on the line? Can the moderator unmute? 8 MR. KACZMAREK: Supervisor Puglisi, 9 you should be unmuted at this time. You may have to 10 unmute on your end. 11 SUPERVISOR PUGLISI: Hello, can you 12 hear me? 13 Hello Supervisor. MR. CONGDON: Yes. 14 Welcome. SUPERVISOR PUGLISI: Great. I've been 15 16 on from the beginning. I've been -- I've been trying 17 to get your attention. Okay. 18 MR. CONGDON: Okay. 19 SUPERVISOR PUGLISI: Just quickly, first of all, I'm glad to be a member of the 20 21 oversight board with my good partner Mayor Theresa 22 Knickerbocker, host of Indian Point. Okay. Tom, could you please restate for me the 12.5 million? 23 24 That's per year and for how many years please? 25 That is per year through MR. CONGDON:

Page 26 1 6-23-2021 _ Indian Point Closure -21-01188 2 2030 and that was meant to --. 3 SUPERVISOR PUGLISI: Okay. ... to get 4 that number. 5 MR. CONGDON: Yeah, and that is meant 6 to provide sufficient revenue cumulatively in 7 addition to the legislative appropriations to get to 8 approximately 140 million which was the calculated 9 amount that is necessary to meet all of the fund's known obligations including to the Indian Point 10 communities. 11 12 SUPERVISOR PUGLISI: And how many 13 other communities in New York State, as we speak, are 14 drawing down on the cessation fund please? MR. CONGDON: I'm going to defer to 15 Vincent to confirm that there are no new entries in 16 17 the program. But, Vincent can you confirm? 18 MR. RAVASCHIERE: Yeah, there -- I 19 believe there are six at the moment. There are five 20 that have been in the program for approximately five 21 And one very recent entry, Tom, that you may years. not be aware of related to the closure of the Cayuga 22 23 facility. 24 SUPERVISOR PUGLISI: Okay. So it's 25 not -- you know, I just want everybody to understand

Page 27 1 6-23-2021 _ Indian Point Closure 21-01188 _ 2 it's not just us. There's other communities that 3 will be tapping into this fund. That's important for 4 everybody to know. Tom, just on some logistics, how 5 often will this oversight board meet please? 6 MR. CONGDON: Pursuant to the bylaws 7 which we -- we will get into that later in the 8 agenda, Supervisor, it will be at least -- at least 9 three times per year. 10 SUPERVISOR PUGLISI: All right. And you're taking minutes, and if you are, can we all get 11 12 copies of the minutes via e-mail or whatever? 13 MR. CONGDON: Yes, we have a court 14 reporter taking minutes and they will be posted online as will video archive so long as we're able to 15 technologically do the video, we will provide video 16 17 for every meeting as well. 18 SUPERVISOR PUGLISI: Okay. And the 19 list of the participants also the members would be 20 very important and their titles if you don't mind. 21 MR. CONGDON: That's all in the 22 It will be in the minutes and it is in this bylaws. 23 presentation as well. 24 SUPERVISOR PUGLISI: Okay. I just 25 want to make sure. Thanks a lot, Tom.

Page 28 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 Thank MR. CONGDON: Okay. You bet. 3 Any other task force business before we move on you. 4 to the decommissioning oversight board portion of the 5 agenda? Okay. Hearing none we will move to the next 6 slide please. 7 So by way of introduction I -- I want 8 to just say, you know, in -- in December 2020 the 9 governor directed the Department of Public Service to establish this board as part of his approval message 10 of important legislation we referred to earlier that 11 12 -- that Senator Harckham and Assemblywoman Galef 13 sponsored. And the governor noted, you know, the 14 need for decommissioning oversight board to provide a venue for all the relevant agencies, local 15 16 governments, labor, to engage with the local 17 community and to ensure the safe decommissioning of 18 Indian Point. Next slide please. 19 So -- oh, I'm sorry, next slide. 20 The first order of business for the 21 decommissioning oversight board and -- and I note we 22 do have a quorum present, is to understand the bylaws 23 and adopt those bylaws. And so just to provide an 24 overview, you all did receive a copy along with your 25 request to serve, but I'm going to ask our counsel

Page 29 1 6-23-2021 -Indian Point Closure -21-01188 2 John Sipos to just give a -- an overview of the 3 bylaws and then we'll move for a vote. John. 4 MR. SIPOS: Thanks, Tom. And if I 5 trail off or you can't hear me just wave and I'll try 6 to get closer to the microphone. So as Tom said, I 7 think all the members of the oversight board here 8 tonight have received copies of the proposed bylaws 9 and we appreciate the feedback that has been provided 10 by some of you regarding the draft. The bylaws are meant to guide the decommissioning oversight board 11 12 activities and level set our expectations going 13 forward. And I will note just a few important 14 aspects for -- for salient purposes as we, you know, 15 present them for formal votes of the -- for the board. 16 17 First of all this is an advisory body 18 There's no new legal authority granted to this only. 19 body pertaining to the enforcement or regulatory control of decommissioning or site restoration 20 21 activities. That said, however, there are several members on the board including the Department of 22 Public Service and the Department of Environmental 23 24 Conservation that do have preexisting statutory and 25 regulatory oversight and investigation and

Page 30 1 6-23-2021 Indian Point Closure 21-01188 _ 2 enforcement jurisdiction. 3 Secondly, the members of the board are 4 laid out in the bylaws, to Supervisor Puglisi's 5 question, and I believe all are present today. The bylaws also do allow for the appointment of staff 6 7 which will be supported by the member state agencies. 8 Fourth, the bylaws do state the 9 intention of having at least three meetings per year with the majority of members representing a quorum. 10 And if there are recommendations that the board 11 12 wishes to make to the jurisdictional entities or to 13 Holtec, the board can vote to direct staff to 14 effectuate such recommendations with a majority vote. 15 A couple other details as well, meetings will be public and there will be minutes and 16 17 video archives that will be posted for public 18 viewing. Members of the board may from time to time 19 need to -- need to review information that may be confidential. And if such information is shared with 20 21 the board, members agree to protect the confidentiality of such information. 22 And winding up, the bylaws also 23 24 include a prohibition on conflicts of interest. No 25 board member may have a financial relationship with

Page 31 1 6-23-2021 _ Indian Point Closure -21-01188 2 Holtec or its affiliates. And I'll just note that it 3 appears for purposes of good order that we do have a 4 quorum here. So with that, Tom, back to you. 5 MR. CONGDON: Thank you very much, 6 John. Before I call for a vote, does anyone have any 7 questions or comments about the bylaws? 8 ASSEMBLYWOMAN GALEF: I do, Tom. 9 Sandy Galef. I -- I just wondered do we have to fill 10 out a disclosure form of any sort? MR. CONGDON: John Sipos I'll -- I'll 11 12 defer to you as counsel. MR. SIPOS: I believe we do -- board 13 14 members do not but I will verify that and we will communicate that out to all the board members. 15 16 MR. CONGDON: And to -- to clarify, 17 Assemblywoman Galef, are you referring to the 18 financial disclosure that's required for public 19 officers by JCOPE? 20 ASSEMBLYWOMAN GALEF: That would be 21 one thing, but the other would be just a conflict of 22 interest form that you -- I mean, the bylaws say you can't have a conflict. But I know on other boards 23 24 I've had to write down whether, you know, I have any 25 relationship with any business or whatever doing

Page 32 1 6-23-2021 - Indian Point Closure -21-01188 this, so. I just wondered if we needed to do 2 3 something formally. 4 MR. CONGDON: Well, we can take that 5 under advisement. This -- we are not subject to the 6 public officer's law for purposes of financial 7 disclosure that we're aware of for JCOPE that you and 8 I have to do as public officers. This is an advisory 9 body only not subject to the public officer's law. 10 But your point is well taken regarding the conflict of interest portion of the bylaws. And so why don't 11 12 we ask John Sipos as counsel to take that under advisement as to whether there needs to be a form 13 14 committing to or agreeing that there is no conflict 15 that -- that members are asked to sign. 16 MR. SIPOS: Right. We will certainly 17 do that and get a response out in the near future 18 quickly. 19 MR. CONGDON: And -- and we appreciated your advice on the amendment to have 20 21 video archives. Is there any other questions or 22 comment on the bylaws? So with that I'd like to move to a vote. All those in favor of adopting the bylaws 23 24 please indicate by saying yes. 25 FROM THE FLOOR: Yes. . . .

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6-23-2021 - Indian Point Closure - 21-01188 MR. CONGDON: Any opposed? Okay.

Hearing no opposition and having a quorum, I will note the bylaws have been adopted unanimously. Thank you. I also want to note that under the bylaws it is noted that we can designate staff members and, in anticipation of the bylaws being adopted, I did ask Tom Kaczmarek to serve as executive director of the decommissioning oversight board and John Sipo to serve as -- Sipos to serve as counsel.

We do not have to state the need for a secretary at this time as we plan to use a court reporter service to record the minutes of each meeting. And we -- we thank them for being on for today's meeting. Next slide please.

So now we're going to move into a few 16 17 presentations related to the decommissioning 18 oversight board. And I thought it would be helpful 19 to really set a foundation for the work that we will all be doing together. I've asked Dave Lochbaum to 20 21 provide an overview of radiation monitoring and control at nuclear power plants and decommissioning 22 sites. And I've asked John Sipos to give a 23 24 presentation on how the agencies involved in 25 oversight of the decommissioning process because

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6-23-2021 - Indian Point Closure - 21-01188 there are many federal state and local agencies who have a role and play a role.

4 And I thought that then from those 5 presentations, you know, we could have a discussion around how all of that will fold into the work of the 6 7 decommissioning oversight board. And then last --8 lastly, I've asked Karen Gentile from the Federal 9 Pipeline Hazardous Material Safety Administration to 10 give a presentation on the Enbridge pipeline given the strong interest in the community and concerns 11 12 about the colocation of the pipeline and -- and the nuclear facilities. And then we'll have an open 13 14 discussion. So with that I turn it over to Dave Lochbaum. 15 Dave?

16 MR. LOCHBAUM: Thank you. And good 17 evening. I appreciate this opportunity to provide 18 basic information on the monitoring controls and 19 reporting required for radioactive materials at 20 Indian Point. Slide two please.

I'll present some pretty basic information about radioactive materials. I'll then cover the various pathways taking by radioactive materials being discharged to the air and water and the associated controls over those releases.

Page 35 1 6-23-2021 _ Indian Point Closure -21-01188 2 Finally, I will compare the amounts of radioactive 3 materials in their radiation doses to workers and the 4 public during both the hearing preparation and during 5 decommissioning. Slide three please. 6 Very basic atoms consist of negatively 7 charged electrons spinning around positively charged 8 protons and neutrons which have no charge. Slide 9 four please. 10 Radioactive materials contain unstable atoms that emit radioactivity as they try to become 11 12 stable. Slide five please. There are two forms of radioactive 13 14 materials at a nuclear plant. The primary forms are 15 fission products and activation products. Slide six 16 please. Atoms fission or fit into two smaller 17 18 Some of the fission products are unstable. atoms. 19 Some of them are stable but many are unstable. Slide seven please. 20 21 Certain uranium and plutonium atoms 22 become unstable after absorbing ... a neutron and 23 split into two fission products. The splitting atoms 24 also release neutrons that can sustain a nuclear 25 chain reaction that drives the reactor. Slide eight

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2	please.
3	Stable non-radioactive atoms that get
4	hit by radioactive emissions from their neighbors can
5	become unstable themselves and thus become activated.
6	Those are activation products. Slide nine please.
7	Tritium is a good example of an
8	activation product. Boron is dissolved into the
9	water flowing through the reactor in the spent fuel
10	pools to help control the nuclear chain reaction.
11	But a boron atom absorbing a neutron can form tritium
12	in either a liquid or gaseous state. Slide ten
13	please.
14	Depending on conditions, reactive
15	materials exist in liquid, gaseous or solid forms.
16	They also can change form such as when tritium in
17	water evaporates to become gaseous tritium.
18	Contamination occurs when radioactive materials get
19	into places they should not be. Slide eleven please.
20	There are four common types of
21	radioactive emissions that unstable atoms will pursue
22	to become stable. Alpha particles are helium atoms
23	without their electrons. They're relatively big and
24	slow on an atomic scale making them easier to stop.
25	Beta particles are electrons without protons and

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Page 37 6-23-2021 Indian Point Closure -21-01188 _ They're smaller and faster than alpha neutrons. particles making them more difficult to stop. Slide twelve please. Gamma rays or photons with about the same energy level as beta particles but a little bit Finally neutrons are about the same tougher to stop. size as electrons but they typically have much higher energy levels making it a little bit more challenging and difficult to stop them. Slide thirteen please. Not all unstable atoms march to the same drummer, even those that emit the same type of radioactivity seeking stability. Half-life is a term used to define how long it takes for half of the unstable atoms of a specific type or isotopes to decay. Slide fourteen please. When all the fuel rods are intact within an operating reactor, water flowing through the core picks up some fission products. Tiny holes and cracks in the fuel rods provide even more radioactive gases and particles to enter that to enter that facility, slide fifteen please. In addition dissolved substances, like

24 boron, and particles in the water flowing through the 25 core can become activated along that journey. Slide 1

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6-23-2021 Indian Point Closure -21-01188 _ sixteen please.

3 Water flowing throughout the plant can leak out during maintenance and tests, get passed to 5 grated gaskets and seals and admit radioactivity that 6 activates nearby components and structures. Slide seventeen please.

8 To the extent possible, water is 9 processed for reuse in the plant. Storage tanks such 10 as those shown in this map of the plant site and filter demineralizer units collect and handle that 11 12 radioactive liquid. Slide eighteen please.

When water cannot be reused it can be 13 14 discharged to the Hudson River. It is routed in with 15 a flow of nonradioactive clean water being returned to the river to dilute its concentration. That's 16 17 shown by the little yellow band on the map. Slide 18 nineteen please.

19 Before being discharged the contents of a tank or sample could verify its radioactive --20 21 radioactivity levels which are low enough to permit 22 its release. During the actual discharge a radiation 23 detector confirms the release is permissible or 24 sounds an alarm to have the out flow stopped. Slide 25 twenty please.

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2	Due to past leaks and spills of
3	radioactively contaminated water at the site,
4	numerous monitoring wells have been installed to
5	track to track what's going on where what's
6	going where underground. Federal regulations do not
7	allow unmonitored and controlled releases so the
8	monitoring wells are essentially a compensatory or
9	remedial action. Slide twenty-one please.
10	Pathways through which radioactivity
11	in gaseous form reach the environment are monitored
12	and controlled similar to the process used for liquid
13	releases. Slide twenty-two please.
14	Some tanks collect radioactive gases.
15	Their contents are sampled before being discharged.
16	Radioactive detectors and exhaust ducts and vent
17	stacks monitor the flow and sound alarms when high
18	readings warrant halting the release. Slide twenty-
19	three please.
20	Plant owners are required to submit
21	annual reports to the nuclear regulatory commission
22	on the releases of radioactive materials to the air
23	and water NRC inspectors will audit the monitoring
24	and reporting efforts at the site. The annual
25	reports are available online with a link to the

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2	annual report form from this information was
3	extracted at the bottom of this slide. Slide twenty-
4	four please.
5	Federal regulations also require the
6	owners to calculate the radiation dose to members of
7	the public from the radioactive materials released
8	during the prior year. In this case, as in most
9	cases, the calculated dose was far below the federal
10	limit. The federal limits were shown by the upper
11	purple line arrow and the actual releases in 2019 are
12	shown by the, or doses are shown by the purple arrow
13	pointing to the lower purple arrow. Slide twenty-
14	five please.
15	To check against either unmonitored
16	releases or monitored releases that unexpectedly gang
17	up to pose greater harm than anticipated, federal
18	regulations also require radiation monitoring at
19	offsite locations with the results also reported to
20	the N.R.C. annually. Slide twenty-six please.
21	The radiation doses measured at the
22	offsite locations around Indian Point for the past
23	decade have been about the same as background
24	radiation levels detected at a control location.
25	Slide twenty-seven please.

Page 41 1 6-23-2021 -Indian Point Closure 21-01188 _ 2 As Tom mentioned earlier, all the 3 spent fuel assemblies at Indian Point have been 4 transferred from their active vessels into spent fuel 5 pools within the adjacent fuel storage buildings. 6 Slide twenty-eight please. 7 Spent fuel assemblies continue to emit 8 radiation as their own stable items emit radiation. 9 But water circulating through the spent fuel pool must be cooled to prevent the -- prevent the spent 10 fuel from overheating. That water also carries away 11 12 fission products and activation products as did the 13 water flowing through the reactor core. Slide 14 twenty-nine please. The rate of radioactive emissions is 15 16 far lower during decommissioning during -- than 17 during radioactive operation. And the amount of 18 radioactive water being circulated, stored and 19 processed is also much lower implying that the releases of radioactive materials to the air and 20 21 water and the associated radiation doses will also be 22 lower. Fortunately, data exists to back up this 23 theory. Slide thirty please. 24 The nuclear regulatory commission 25 prepared this generic environmental impact statement

Page 42 1 6-23-2021 _ Indian Point Closure 21-01188 _ 2 for the decommissioning process generically. Slide 3 thirty-one please. 4 As part of this effort the NRC 5 reported the annual releases of radioactivity to the 6 air and water from operating plants and from reactors 7 being decommissioned. Slide thirty-two please. 8 This table is the same data on a 9 previous slide just in an easier format to read and understand. The data show that the amounts of 10 radioactive liquids and gases released during 11 12 decommissioning to be less than the amounts released 13 during operation as expected. Slide thirty-three 14 please. The data further show that the 15 16 radiation dose to workers during decommissioning to 17 be less than the worker dose during operation also as 18 Slide thirty-four please. expected. 19 The federal limits on monitoring 20 control and reporting of radioactivity released to 21 the air and water during decommissioning remain the same as those in place during plant operation. 22 While the amounts of radioactive materials are lower as is 23 24 the hazard that they represent, workers and the 25 public had the same safety protective shields in

Page 43 1 6-23-2021 Indian Point Closure -21-01188 -2 place. During decommissioning the margins to those 3 limits simply increase. Thank you. 4 MR. CONGDON: Thank you very much I'd like to open it up to the group if there 5 Dave. 6 are any clarifying questions about the presentation 7 and we'll have an open discussion at the end as well. 8 But I'd just for any immediate questions from the 9 presentation, any questions? 10 ASSEMBLYWOMAN GALEF: David, what should we be looking for then? You're saying 11 12 decommissioning, you have less of an impact on 13 everybody but -- but what are the problems that could 14 result during that period of time of decommissioning 15 until all of the spent fuel is out of the pools? 16 MR. LOCHBAUM: From past experience, for example, the Fort St. Vrain nuclear plant in 17 18 Colorado was ending the decommissioning as workers 19 cut up pipes and cut through or demolished concrete. Some of the radioactive materials that had been 20 21 embedded in the piping and the concrete were released. And the primary hazard were to the workers 22 themselves. They breathed in some of these 23 24 radioactive particles. 25 We've learned from that and today a

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2	lot of those same activities are done with the
3	materials under water or in negative ventilation
4	ducting so that any particles go into the filters
5	instead of into the workers' lungs. Those
6	radioactive particles that aren't breathed in by
7	workers can also migrate offsite and get into
8	affect members of the public. But the amount of
9	material is so much lower. The hazard isn't zero,
10	that's why the limits remain in place. And you can't
11	let down your guard just because the hazard hazard
12	is diminished. Because if it gets to the places it
13	shouldn't be, problems can develop.
14	ASSEMBLYWOMAN GALEF: Thank you.
15	MR. LOCHBAUM: You're welcome.
16	MR. WEBSTER: And Dave I I have a
17	quick question for you. I know this is Richard.
18	Thanks for the presentation. I know you had a slide
19	on monitoring there and I had some questions to ask
20	about the schools nearby. Do they have monitors on
21	them or close to them? Do you happen to know that?
22	MR. LOCHBAUM: My understanding is
23	they they do not currently have monitors at the
24	schools. There are monitors that would detect
25	radiation blowing in that direction if the wind

Page 45 1 6-23-2021 Indian Point Closure -21-01188 _ 2 happened to be blowing in that direction. But those 3 monitors aren't currently at the schools themselves 4 is my understanding. 5 MR. WEBSTER: Okay. Thanks. 6 MR. CONGDON: Yeah, and I just want to 7 add to that because we have heard from Joe Hochreiter 8 expressing some concerns about one of the schools in 9 the district that is located closest to the plant and 10 has reached out to us to discuss the possibility of figuring out a way to do real time monitoring at the 11 12 school. And, Joe, did you want to discuss that now? 13 MR. HOCHREITER: Yes, if -- if we 14 could. 15 MR. CONGDON: Sure. 16 MR. HOCHREITER: That -- that is 17 exactly a concern that we've heard and that -- and 18 that is the district we have. That, you know, this 19 is new to all of us. The whole process of decommissioning and -- and physically taking down the 20 21 -- the concrete domes. And there has been -- been an 22 interest to, A, learn more about part of the process which as we understand will begin in -- in the year 23 24 But a way that our closest elementary school 2024. and perhaps others and I'll -- I'll loop in the mayor 25

Page 46 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 to see if -- if it's possible for some monitors to -to be in municipal facilities as well. 3 4 So we can get some real time data so 5 we can respond if we receive information that -- that 6 we're not expecting or -- or information that -- that 7 needs an immediate response, whether it's for safety 8 of the students or -- or a direct communication line 9 to Holtec. So if that could be a short- and long-10 term goal of this body's work more perhaps pointing us in the right direction, we certainly -- more 11 information and more timely information is something 12 13 we certainly would support during this process. 14 MR. CONGDON: Thanks, Joe. And -- and 15 because Joe reached out to us, we -- we have asked staff to research the technology available and -- and 16 the various approaches that have been used in other 17 18 locations. And that work is ongoing and I -- I would 19 propose that our staff at the Department of Public Service, Dave Lochbaum is a tremendous resource who 20 21 -- who has helped us think about this. And any of 22 the other oversight board members who wish to be a part of some discussions that we could have ongoing, 23 24 you know, after this meeting and -- and between --25 between this meeting and the next, hopefully, we can

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2	propose some solutions to address this concern.
3	SENATOR HARCKHAM: John, will you
4	please include me in that subgroup?
5	MR. CONGDON: Yes, absolutely.
6	SENATOR HARCKHAM: Thank you.
7	MAYOR KNICKERBOCKER: Hi, Tom. It's
8	Terri. I'd like to be included in that and, Joe, I
9	know there's been ongoing discussions with the
10	monitoring at the schools. But I don't know if Dave
11	knows how many monitors are in the area of Indian
12	Point. Would you happen to know that or would you
13	know where they are or $?$
14	MR. CONGDON: Perhaps we could go back
15	a few slides that show the map.
16	MAYOR KNICKERBOCKER: No, it was kind
17	of small even with my glasses on.
18	MR. CONGDON: Yeah. Yeah. There we
19	go.
20	MAYOR KNICKERBOCKER: Okay. So all
21	right. And where are there any I know there's
22	one fairly close to the school on Westchester Avenue.
23	But, you know, we'd have to look at where these are
24	placed also in comparison to the school.
25	MR. CONGDON: Yeah. And I think it

Page 48 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 it will be good also as part of our work group as we 3 look at this to understand sort of what's required 4 under the regulations and under the P.S.C. order versus sort of what the community may want as -- as 5 6 extra protection or best practice to address, you 7 know, the -- the school community's concerns. And -and so we want to take all of that under -- under 8 9 advisement and consideration. Now the monitors that are here are 10 required under N.R.C. regulations and are required to 11 12 remain in place throughout the transfer of the spent 13 fuel from the pools into dry cask storage. Now once 14 the spent fuel is in the dry cask storage and on the 15 pad, these offsite monitors are no longer required. 16 And I want to pause there to make sure I didn't get any of that wrong. John Sipos or -- or Dave 17 18 Lochbaum, is -- is that -- please confirm that's your 19 understanding as well? MR. LOCHBAUM: This is Dave Lochbaum. 20 21 That -- that is my understanding. One -- I want to touch on one further point about the -- the number of 22 23 existing monitors. There's a time delay. They --24 those get sampled and reported on an annual basis 25 where there -- there are some monitors that in real

Page 49 1 6-23-2021 Indian Point Closure -21-01188 _ 2 time continuous monitoring that you can look at 3 online and get a more immediate sense of what is or 4 is not happening where. So that's another factor 5 with existing monitors. They're not quite as timely 6 as perhaps the need arises. 7 LEGISLATOR SMITH: Okay. Tom and --8 and David I have a quick question actually. This is 9 -- my colleague Katherine Borgia who was unable to get on to the panel but has been watching as a -- as 10 an attendee this time but she did text me. 11 She 12 wanted to follow up on -- and I join in her in this 13 question -- follow up on the Superintendent Hochreiter's question, you know, discussion about the 14 15 school, comments about the school district. And is 16 there -- is there a way that we are, you know, that 17 Holtec will be -- will they be shutting down the 18 pipeline in situations or under circumstances in 19 which they'll be, you know, working, you know, on or near the pipeline? 20 21 MR. CONGDON: So I can take that 22 initially and there will be a longer presentation later on on the agenda with pipeline safety staff to 23 24 discuss further. But the -- the short answer is it 25 depends. There's what we have asked as the

Page 50 1 6-23-2021 Indian Point Closure 21-01188 -_ 2 Department of Public Service playing our oversight 3 role both of gas safety and of the decommissioning of 4 facilities is that there be strong communication 5 between the decommissioning outfit, Holtec, and the owner of the pipeline Enbridge to -- and establish 6 those lines of communication. 7 8 We have already done that. The sale 9 closed only a few weeks ago but we've immediately ensured that the right people from Holtec can pick up 10 the phone and get the right people at Enbridge to 11 12 coordinate activities. And to understand the 13 significance of activities so as to make decisions 14 about any operational changes. But I can't say definitively that any 15 16 decisions have been made as to whether or not there 17 would be a necessity to -- to shut down pipeline 18 operations. Of course there are customers on the 19 other end of the pipeline that depend on the energy over the pipeline. There could be actual public 20 21 safety risks on the other end of the pipeline that all of us should care about. And so we need to 22 factor all of that in. 23 Of course, we're going to insist on 24 25 the strongest safety protections possible, and that

Page 51 1 6-23-2021 _ Indian Point Closure -21-01188 2 starts with very strong communication lines so that 3 everybody knows what each other are doing. Any --4 John Sipos or -- or anyone else want to add to -- to 5 that? 6 MR. SIPOS: Yes, Tom. Ηi, 7 Representative Smith and -- and Representative 8 Borgia. Yes. And, in fact, that is addressed in the 9 joint proposal as well as the commission's order. There is very clear lines of authority, lines of 10 communication between Holtec and the D.P.S. staff and 11 12 there has to be advanced planning, advanced discussion about activities that could have an 13 14 incursion in that area. And, I mean, I think we'll 15 be hearing more about that later in the presentation. 16 But there is, you know, D.P.S. is -- is aware of that 17 concern, you know, and is taking steps proactively to 18 address that. 19 MR. CONGDON: Thank you. And kudos to 20 Legislator Borgia for finding a way to still participate and I -- and I want to say I'm sorry for 21 22 the technical difficulties with Webex. 23 LEGISLATOR SMITH: Legislator Borgia 24 always finds a way. 25 MR. CONGDON: Okay. Well, thank you,

Page 52 1 6-23-2021 _ Indian Point Closure -21-01188 2 Dave for a really thorough and -- and concise 3 explanation of some complicated points. So thank 4 you. Could we spin through the slides? Thank you to regulatory agencies. I'm now going to turn it over 5 6 to John Sipos, again, laying some foundation for the 7 decommissioning oversight board. Give an overview of 8 the regulatory agency. So, John, take it away. 9 MR. SIPOS: Thank you. And, again, 10 signal if -- if you can't hear me. So, you know, we -- we thought it would be actually helpful to talk 11 12 about the various agencies that it may seem to some 13 folks that it's almost like a -- a bit of alphabet 14 soup, lots of consonants and not always clear what's 15 going on. But I think for folks who have been at 16 17 the decommissioning task force over the last four 18 years and have been following the Indian Point 19 facility and activities at the site, you know, over -- over many years. Some of these will be more 20 21 familiar. First of all, of course we have the United States Nuclear Regulatory Commission. They regulate 22 the radiological safety of nuclear power reactors. 23 24 And in the realm of decommissioning, N.R.C. 25 regulations establish minimum financial assurance

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2	requirements that all nuclear facility owners must
3	satisfy and comply with those requirements for
4	decommissioning activities.
5	The regulations also provide that
6	N.R.C. approves the plant owners' decommissioning and
7	license termination plans so when folks hear about
8	partial site release that is what is involved in that
9	in that concept before before those those
10	actions can can commence or go final. And also
11	during decommissioning the decommissioning phase,
12	owners must submit annual reports regarding
13	decommissioning status to the N.R.C.
14	And I'll also note that in the realm
15	of decommissioning, you know, funding aspects were
16	initially involved and dependent upon public utility
17	commissions around the country, not unlike the New
18	York State Public Service Commission. So there is a
19	cooperative federalism aspect in in in that
20	realm as well. We also have the federal energy
21	regulatory commission or FERC. FERC is regulates
22	the interstate transmission of electricity and
23	natural gas including the transmission and sale of
24	natural gas for resale in interstate commerce.
25	FERC reviewed and authorized the

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1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 siting and construction of a segment of the Algonquin 3 Pipeline system near Indian Point known as the Algonquin Incremental Market or AIM segment. 4 Α 5 predecessor federal agency approved the earlier 6 constructed Algonquin pipeline that crossed the 7 Indian Point site, and that approval was back in the 8 early 1950s and mid-1960s.

9 There is also two other federal 10 agencies, as you can see on the slide. The pipeline and hazardous material safety administration known by 11 12 its acronym PHMSA which is part the United States 13 Department of Transportation. It establishes and 14 enforces safety standards for, among other things, natural gas pipelines, like the Algonquin pipelines 15 that are at or -- or near the Indian Point site. 16 17 And as Tom noted, we are fortunate that Karen Gentile 18 from PHMSA will be speaking with us a -- a short 19 while later.

Last amongst the federal family of agencies there's the Occupational Health and Safety Administration or OSHA. OSHA regulates the health and safety of nuclear facility workers to the extent that the work site conditions are not otherwise regulated by the N.R.C. And as between the N.R.C.

Page 55 1 6-23-2021 _ Indian Point Closure -21-01188 2 and OSHA, the N.R.C. typically has the lead for 3 radiological conditions, chemical conditions related 4 or produced by radiation and facility conditions 5 resulting in the potential increased risk of radiation exposure to workers. 6 7 On the other hand, OSHA has the lead 8 for facility conditions that cause occupational 9 hazards not related to radiation. So one might think 10 of toxicity materials that -- that are not related to radiation. There is a memorandum of understanding 11 12 back in 2013 between OSHA and the N.R.C. which 13 envisioned a cooperative interagency approach to 14 minimize regulatory gaps, of course, with the goal of advancing worker protection. 15 16 So I'm going to turn now to the local and state agencies that will be -- that we have 17 18 discussed or -- or, you know, may have a role during 19 the next phase of -- of work at the plant. There is the New York State Public Service Commission. 20 We've 21 been joined tonight by Chair Howard and of course Tom Congdon and the New York State Department of Public 22 Service. And under the Public Service Law the 23 24 commission possesses general supervisory powers over 25 electric plants in the State of New York which

Page 56 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 include retired nuclear power reactors and their 3 associated systems, structures, fuel and waste 4 storage facilities and fixtures and personal 5 property. 6 The P.S.C. also regulates utility 7 rates in New York and that authority has included and 8 does include rate authority over nuclear 9 decommissioning costs. The trust funds that we have 10 discussed and that were referenced in the joint proposal and the commission's order were initially 11 12 and previously capitalized by commission approved 13 expenses as well as payments and collections from the 14 New York Power Authority. Also D.P.S. supports inspection of 15 interstate transmission pipelines and P.S.C. also has 16 17 independent litigation authority. The New York State 18 Department of Environmental Conservation and the New 19 York State Department of Health will be playing a key role in the decommissioning and site restoration 20 21 D.E.C. is the agency that is charged with aspect. 22 protecting the state's natural resources and abating pollution. 23 24 And as such, D.E.C. has jurisdiction 25 over various nonradiological environmental hazards at

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2	Indian Point but notably also with respect to
3	radioactivity that falls below 25 millirem per year.
4	That also remains subject to D.E.C. jurisdiction. So
5	D.E.C. has substantial regulatory authority in this
6	area both nonradiological and with respect to
7	residual radiation as well.
8	And D.E.C. has entered into an
9	administrative consent order with Holtec that
10	requires Holtec to undertake a comprehensive site
11	investigation, characterization, remediation and
12	restoration activities at Indian Point. The
13	Department of Health supports D.E.C. on environmental
14	radiation matters under its jurisdiction, especially
15	as they relate to public health.
16	The New York State Department of Labor
17	has a role to play as the site transitions to
18	decommissioning. The New York State Department of
19	Labor can assist in reviewing and coordinating issues
20	concerning worker safety and health as well as issues
21	raised by organized labor and also public employee
22	safety health concerns.
23	The New York State Department of State
24	has a role including the development of the coastal
25	management plan and administering the Coastal Zone

Page 58 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 Management Act. The New York State Energy Research 3 and Development Authority, NYSERDA serves as the 4 coordinator amongst New York State agencies on atomic 5 energy issues. And its president and C.E.O. is the state liaison officer to the federal nuclear 6 7 regulatory commission. And Alyse Peterson who is 8 joining us tonight is the designee state liaison 9 officer. NYSERDA also has title to and leases 10 an outfall structure to the owner of Indian Point 11 12 which is now Holtec. 13 The Westchester County and the New 14 York State Department of Homeland Security and Emergency Services play crucial roles in emergency 15 planning. DHSES coordinates the state's efforts to 16 17 prevent, prepare for, respond to and recover from 18 both human made and natural disasters, threats, fires 19 and other emergencies. And with respect to Indian Point, the Department of Homeland Security and 20 21 Emergency Services has authority over, among other things, emergency response drills, site security 22 plans, public alert systems and onsite fire 23 24 suppression programs. 25 Westchester County has its Department

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	2	of Emergency Services which also has emergency
	3	preparedness response and response
	4	responsibilities for the Indian Point site. And, of
	5	course, the Village of Buchanan, the Town of Cortland
	6	and the County of Westchester, who are the local host
	7	communities, among other responsibilities have first
	8	responder public and public safety personnel and
	9	resources. And are the, you know, first first
	10	line, boots-on-the-ground resources protecting the
	11	community.
	12	So that is a quick tour through the
	13	various local, municipal, state and federal agencies.
	14	That's what I have for now. Back to you, Tom and any
	15	questions there may be.
	16	MR. CONGDON: Thank you, John. If we
	17	could go to the next slide please. So hearing, you
	18	know, from Dave on some of the scientific and
	19	technical background and and from John on the
	20	regulatory oversight, I think, you know, as a
	21	decommissioning oversight board it's going to be
	22	critical to have an understanding of of both the
	23	sort of technical aspects of decommissioning as well
	24	as the regulatory aspects. If we are going to be
	25	effective, we have to know how to interpret data and
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2	we have to know where are the relevant agencies to
3	direct attention to any given concern that we may
4	have as an oversight board.
5	And I just, you know, wanted to sort
6	of have like a wrap-up discussion of sort of how I'm
7	seeing the value-add that the oversight board can
8	really bring. As John just laid out, there are a
9	number, a large number of federal, state and local
10	agencies involved in one way or another with
11	oversight. And I think without an oversight board,
12	all of those relevant entities may be off doing their
13	own thing in their silos and it would be difficult
14	for anybody, certainly, you know, a member of the
15	public who isn't, you know, paid to to do this
16	kind of work to keep track of it all.
17	And so, number one, value-add from the
18	oversight board is to be a venue for tracking all of
19	that work. We will have the ability to be a
20	convener, a convener of the relevant oversight
21	agencies. A convener of the companies involved in
22	the work and a convener for public discussion and
23	community leaders. We will be able to look at the
24	company compliance reports that must be filed. We
25	will be able to get updates from the relevant

Page 61 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 agencies on the oversight work that they are doing. 3 To that end I'll just highlight from 4 the D.P.S. point of view some of the things that we 5 will be doing. We will have a monitor that will be 6 able to go on site. We already have staff with 7 access to the site, a nuclear engineer on our team 8 who can perform inspections to ensure compliance with 9 the P.S.C. orders. We also want to highlight the 10 importance of, you know, whistleblower protection. Sometimes the most important information we can get 11 12 is going to be from the employees themselves. And --13 and we want the employees to know that this oversight 14 board takes worker safety very important. 15 As Dave Lochbaum pointed out in his 16 presentation, some of the more dangerous exposures 17 are really to the workers themselves, and they are 18 doing very dangerous work. And -- and it's work 19 that's protecting the broader community and we owe it to them to ensure the highest level of workforce 20 21 protections. And so to that end, we have established 22 that the D.P.S. dedicated e-mail and phone hotline 23 that employees can use to report any concerns they're 24 seeing from inside the operation. And we'll be 25 monitoring that and -- and addressing any issues that

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You know, and, again, following up on that, we have the representatives from the major unions that are -- that are doing the work and who are onsite actually here on this oversight board. And so they're going to be a key player. And I'd ask them to think about topics for discussion at future meetings and we'll work with you to develop some -some ideas on that front.

As -- as Dave mentioned, there is 11 12 data, a lot of data that's publicly available from 13 the offsite monitoring equipment. There's a time 14 delay in that and -- and I think, you know, many of 15 us are observing that after the fuel gets on the pad and -- and those offsite monitors are no longer 16 required to be present that there will likely be a 17 18 need for continued monitoring of some kind especially 19 at sensitive locations like the school. And so we're going to be looking at how to do that so that we will 20 21 have data to use as an oversight board so that we, if 22 we can -- if we see something then we can start to investigate with the appropriate jurisdictional 23 24 entities what might be causing that kind of concern 25 and address it.

Page 63 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 And last but not least and perhaps 3 most important, this oversight board is a venue for 4 the community engagement. The people who live in the 5 community and live in the community within an 6 operating nuclear power plant for a long time, it's a 7 very educated community. They understand, you know, 8 what -- what goes on at a nuclear power plant. But 9 there's never been a decommissioning before in this 10 community, and I think there is understandable 11 concerns that we want to try to learn about by 12 engaging with the community and making sure that 13 there is opportunity at each of these meetings to 14 hear from the community what those concerns are. 15 We may not have answers to those 16 concerns in real time, but that input will be very valuable for us to then take back, do necessary 17 18 research and be able to be responsive to the 19 community when they bring issues to our attention. Ι know we're getting a lot of questions already in the 20 21 We're going to be reviewing those and -- and chat. 22 trying to get to them. Some I think have already 23 been answered but we can also just take all of that 24 in. We'll research as a group and either be back to 25 individuals between meetings to share responses or

Page 64 1 6-23-2021 Indian Point Closure -21-01188 _ 2 or to discuss them as a body at our next meeting. So 3 I want everyone to know the chat function is not 4 wasted. We -- we're taking notes and -- and keeping 5 track of that. 6 So -- so I'm going to pause here and 7 -- and invite reactions from -- from the oversight 8 board about John's and -- and my summary there. 9 LEGISLATOR COLIN: Tom? 10 MR. CONGDON: Hi, Legislator Colin. LEGISLATOR SMITH: Okay. I'll -- I 11 12 just want to make a quick comment. I'll be brief. Ι 13 know lots of people probably want to speak and we have a number of folks asking questions in the chat. 14 I'm sure there's a few more out there as well. 15 First 16 of all, thank you and -- and your colleagues for putting together a very comprehensive primer and --17 18 and first meeting. Thank you for the invitation as 19 well to be a part of this task force. I think we're off to a good start. 20 21 But as you stated there's a lot I 22 think -- a lot of ground to cover moving forward but I think we -- we've gotten off to a good start here 23 24 today. I just want to make not a pitch really but 25 just, you know, in order to -- in the -- in the

Page 65 1 6-23-2021 Indian Point Closure -21-01188 _ 2 spirit of sort of staying in one's lane, there's so 3 many layers to, you know, just nuclear power in 4 general. But now that we're at the decommissioning 5 phase, putting this is kind of like -- I don't want 6 to say it's the old saying of -- of building, you 7 know, building a plane in the air or whatever that 8 saying is. There's just -- there's a lot that we are 9 still trying to learn as we're -- we're moving forward. 10 But from -- just from a public safety 11 12 standpoint, that's the -- that's the committee I 13 chair, the board of legislators, and I -- I note that 14 Susan Spear, who is one of our deputies of the Department of Emergency Services here at the county 15 and Commissioner Richard Wishnie who I don't know if 16 he's actually on this evening. But obviously as you 17 18 stated there towards the end, John, when you were 19 talking about the different agencies, you know, the overlapping functions. The -- the county as well as 20 21 the -- the town, you know, the town, village, you 22 know, first responders are really the front line of, 23 you know, defense in the -- in the event of -- of an 24 emergency. 25 And, you know, frankly, my fingers

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2	crossed, we we haven't had to jump off that
3	bridge. But there's a possibility is always
4	there. And I think, you know, given, you know, just
5	sort of the nature of any potential emergency
6	situation to to the extent that it's not been
7	addressed, it hasn't been addressed. And to the
8	extent that it hasn't, you know, yet been addressed
9	in this process, I I would want to certainly make
10	sure that we keep as a as focus of making sure
11	that our, you know, first responders, our emergency
12	services are are bolstered and and, you know,
13	fully supported, you know, and and have adequate
14	resources to be able to meet any potential emergency
15	challenge that that, you know, may result because,
16	you know, in this under these circumstances, you
17	know, one is is too many.
18	So that that's just kind of my
19	pitch from the from the public safety standpoint.
20	I will now continue to listen and, again, thank you
21	for having me this evening.
22	MR. CONGDON: Thank you very much. I
23	think Senator Senator Harckham and then and
24	then Supervisor Puglisi.
25	SENATOR HARCKHAM: Thank you very

Page 67 1 6-23-2021 -Indian Point Closure -21-01188 2 much, Tom. I just want to agree with Colin. 3 Terrific job. You and your colleagues have really 4 pulled this together in -- in short order but done a 5 tremendous job. Just want to make the pitch for all 6 of the agencies on the prior slide. A little back --7 background. 8 When Assemblywoman Galef and I first 9 looked at this legislation we were anticipating a civilian oversight board. And the reason we didn't 10 go with that is a civilian board couldn't have boots-11 12 on-the-ground. And all of the agencies that -- that 13 you listed with jurisdiction have boots-on-the-14 ground. So I -- I think it's incredibly 15 16 important that they continue to have boots-on-the-17 We encourage them to have boots-on-theground. 18 ground, and that there is a robust discussion about 19 what their finding, pro and con, while they are on 20 the ground. Because that's the advantage of having 21 all these folks engage with the task force. Thanks 22 so much. 23 MR. CONGDON: Thank you, Senator. 24 Completely agree with that. And I want to go back to 25 Legislator Smith for a moment before we get to

Page 68 6-23-2021 Indian Point Closure -1 _ 21-01188 2 Supervisor Puglisi. 3 John Sipos, can you remind the -- the 4 group? There was, I believe, in a -- in a FERC rate 5 case some monies made available to -- to Verplanck 6 for emergency response. Do you want to touch on 7 that? 8 MR. SIPOS: Yes. I -- I will briefly 9 summarize that. I believe it was back in 2020 that 10 as a result of the Department of Public Service's participation in a regulatory proceeding that was 11 before FERC that our colleagues were able to 12 13 negotiate an agreement whereby the regulated entity 14 provided -- agreed to provide some financial support 15 for the Verplanck fire program and over -- over two 16 years I think there were two separate payments. And 17 so certainly we here at -- at the Public Service 18 Commission and D.P.S. have in mind your comments about supporting local resources. 19 20 And to my knowledge, that was the 21 first time that the ... state had made such a -- a 22 request and -- and advocated on behalf of a local 23 first response fire -- fire department. And it was 24 successful. So that's -- I think we mentioned that 25 in last year's report but your comments brought that

Page 69 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 back to mind. So I just wanted to get that out there 3 that -- that D.P.S. has been working to support the 4 -- the local resources. 5 MR. CONGDON: And I want to also, you 6 know, plug the importance of -- of emergency drills 7 and working with the local emergency planners. Our 8 Division of Homeland Security and other state 9 agencies can be available to help discuss plans for 10 doing emergency drills so that there's the highest level of -- of preparation as well. I want to turn 11 12 it to Supervisor Puglisi. 13 SUPERVISOR PUGLISI: Thank you so 14 much, Tom. As you know, the mayor, the superintendent and myself for four plus years now 15 have been involved in various levels of task force 16 17 ever since the announcement of the closure of Indian 18 And also prior to that for 30 years now I've Point. 19 been involved in N.R.C., Entergy, Power Authority, Con Edison, forums, public hearings asking hardball 20 21 questions, monitoring the situation for 30 years. 22 And I will not stop even when I'm not supervisor. Ι 23 will as a private citizen. I'm retiring in six and a half months and I just want to get these points 24 25 across because there's only going to be a minimum of

Page 70 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 three times a year that this advisory board meets. 3 So if you'll just give me a moment I would appreciate 4 it please, Tom. 5 MR. CONGDON: Sure. 6 SUPERVISOR PUGLISI: Okay. Thank you. 7 I want to get back to the local front-line people 8 being the wonderful people that live in the village 9 and in the town and are participants in the school district, fire district, et cetera. We're here on 10 the ground. It was mentioned by Colin and by others, 11 12 and I just want all of our issues to be heard. This 13 is an advisory board. It's made up of all the 14 excellent agencies in New York State. I don't want 15 anybody to take offense to anything that I'm saying. 16 We appreciate you working with us for the many years 17 and will continue to do so. I -- I know you will as 18 partners. 19 But I want to get back to the school 20 issue. I get a lot of e-mails. I know the 21 superintendent gets a lot more than I do, but this 22 Buchanan Verplanck Elementary School and the close

23 proximity to the pipeline, I believe it's about 500
24 feet, that is a critical issue that has to be at the
25 top of the priority list. It has to be monitored,

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2	evaluated, addressed constantly. I want to just
3	drive that point home if I may.
4	And then I also heard that the
5	monitors once the rods are in the units, the dry cask
6	storage units they're going to be deactivated I think
7	I heard. I would be totally against that. Why in
8	the world would we ever deactivate them? Keep them
9	going. What is the harm of keeping them going? God
10	forbid there's leaking or whatever. You want them
11	there. You want them there.
12	And there's three 33 plus wells on the
13	240 acres. I've said it a million times. I have
14	that number engrained in my head, and I want those
15	wells monitored. I want reports. I just don't want,
16	you know, the niceties of Holtec and the N.R.C.
17	communicating, talking to each other. Okay. That's
18	lovely. I want hardball evaluation studies. I want
19	reports. I want the locals to get those reports.
20	Everybody on this board to evaluate them, and I think
21	that should be the top of the list of priorities.
22	There's nothing more important.
23	So those are my thoughts. I will put
24	more of my thoughts in writing to to you, Tom, and
25	you can disseminate them for me. I appreciate the

Page 72 1 6-23-2021 Indian Point Closure -21-01188 _ 2 time. 3 MR. CONGDON: Thank you very much. 4 Any other questions on the decommissioning oversight 5 presentations? Oh, welcome Legislator Borgia. Hi. 6 LEGISLATOR BORGIA: Here I am in 7 Sorry about the technical difficulties. person. And 8 I apologize in advance because I was off the -- off 9 the line for about 10 minutes trying to figure out a better technological solution. But so I want to echo 10 some of the things I know that my colleagues have 11 12 I think it is very important to look at any raised. 13 impact that's going to happen with the school, that 14 is especially the school that is right on site that 15 are very close by. 16 I want to know if the decommissioning 17 oversight board is only going to meet three times a 18 What if -- what ... to address issues ... vear. 19 party in between meetings. What's the level of 20 responsiveness we can expect from, for example, state 21 agencies which I'm less worried about versus Holtec 22 versus the N.R.C. or any federal agencies if 23 something comes up? And I'd -- I'd also really --24 although I want to emphasize many financial and 25 safety issues that have already been raised.

Page 73 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 I also want to say that I am really 3 hoping that we're going to find a way to hear from 4 the public on a regular basis. And if our board --5 since our board does not have any regulatory 6 authority, one thing we do have though is a bully 7 pulpit where we can really start talking about these I think for all of us who've been sort of 8 issues. 9 involved in this idea of how decommissioning is going 10 to happen for a number of years and we've heard from a lot of other communities that have had 11 12 decommissioning happen. 13 And one of the things that happens is 14 now that reactors are shut down people -- it's -it's less front of mind for people. And every year 15 it becomes less of a priority in terms of safety 16 17 monitoring and -- and oversight for the regulatory 18 But yet we still live here. We still live agencies. 19 here. There might be accidents. There might be something that is going wrong mechanically. 20 And we 21 want to be able to have a strong voice that says --22 not just for the immediate, short term when every -when things are moving and when there is going to be, 23 24 when the buildings are being dismantled but over the 25 long term to where that the safety is always

Page 74 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 paramount in the minds of the people who are 3 responsible for -- for keeping us safe. 4 So I want there to be more public 5 opportunity for public input. I will say I'll take 6 responsibility for some of the technical problems. 7 We do have some issues with our county laptops, but 8 it was very frustrating. And I represent people who 9 live very close to Indian Point. And I myself live 10 very close to Indian Point to not be able to jump on 11 this -- on this discussion easily as a panelist. So 12 I was not able to do my duty as an elected 13 representative. 14 But that also makes me scared about, 15 you know, making sure that the public voices are That anything that anybody from the public 16 heard. 17 sees or witnesses or if there's something that 18 happens that impacts the nearby school that that gets 19 to the right people fast. So that's --. MR. CONGDON: All -- all very -- very 20 21 good points and I want to respond to a few of them. First of all, the -- the bylaws stating a minimum 22 number of three meetings is really just to establish 23 24 the floor. And I anticipate more frequent meetings 25 than three a year especially in these early years.

Page 75 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 And we can call a meeting at any time as the 3 conditions warrant. And so to the extent that any of 4 the oversight board members are concerned about a particular issue, you want to pull together and I 5 6 would encourage you to call me. And we can arrange 7 for it. I'll also, you know, apologize for the 8 9 -- for the technology. I think all of us over the 10 past year and a half have -- have sort of gotten used 11 to these virtual meetings but there still remains 12 from time to time some technical glitches. And, you 13 know, I'm pleased to see the vaccination rate is very 14 high in New York. And the -- the state of emergency 15 announced by the governor today is -- is coming to an 16 end. So I think that the possibility for in-person meetings going forward is -- is much higher than it 17 18 -- than it was. And so perhaps we -- we will be able 19 to get together. And maybe it will be a combination of in person and -- and virtual since we can take 20 21 advantage of some of the technology. Your point --. 22 LEGISLATOR BORGIA: I just want to say just -- just to that point and I -- I take 23 24 responsibility for my technology issues. I'm just 25 saying we need a -- a responsive mechanism, whatever

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Page 76 1 6-23-2021 - Indian Point Closure -21-01188 2 that is, right. It's not so much about the 3 technology. It's about the speed, you know what I 4 mean. 5 MR. CONGDON: Right. Yes. And you 6 know, we do -- we -- we have on our website an 7 ability for the public to enter comments and 8 observations and concerns any time. And we have 9 received -- we did receive some comments before this 10 meeting. There's a chat function that's open for the public to ask questions. We're going to document all 11 12 We're -- we're planning to have a public that. 13 statement session for each of the decommissioning 14 oversight board meetings. And -- and I think the 15 community engagement piece, I agree with you, is 16 very, very important. 17 I want to also, you know, address that 18 from the earlier meetings and, you know, the local 19 task forces I think have -- have also provided 20 another venue. And we've, as a state, participated 21 in the local task force meetings. And we've heard during those meetings and observed the -- the chats 22 23 to -- to understand the sense from the community of 24 the things that are on their mind, the concerns that 25 are on their mind right now.

Page 77 1 6-23-2021 -Indian Point Closure 21-01188 _ And -- and that's why we've already 2 3 been engaged with Joe Hochreiter on the school issue. 4 We recognize that that's something where we can 5 provide a value-add and -- and we have been doing a 6 lot of research to assist in -- in presenting some 7 opportunities for addressing the concern. You know, 8 the need for -- for monitoring at the school. So we 9 hope to have more to say about that in -- in the 10 coming weeks. We -- we -- I think, Catherine, I'm 11 not sure if you were on for the -- for that portion 12 of the discussion with Joe but we agreed to set up a 13 -- a working group to get together offline and -- and 14 research options further that we can help assist the 15 school district in that regard. And then last but not least and this 16 17 could be a seque, unless there are more questions 18 about the oversight board activities, we have another 19 presenter. Mayor, do you have --? 20 MAYOR KNICKERBOCKER: Yes, I'd like to 21 -- I'd just like to say something. 22 MR. CONGDON: Sure. MAYOR KNICKERBOCKER: I think it -- it 23 24 needs to really be understood from the beginning. 25 The mantra has been the safe decommissioning of

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2	Indian Point and also the restoration of the
3	property. So that continues. It continues with the
4	school. Of course there's concerns with the school.
5	We want to make sure the children are safe. But
6	remember the Village of Buchanan is a one point three
7	square mile community. So, you know, we we have
8	to be concerned and and monitor things within the
9	village which is is right there.
10	So I just want to make that
11	understood. We're all concerned about these things.
12	It's about the safety and of the residents and the
13	children. So I I agree with my colleagues, Joe
14	Hochreiter, Linda Puglisi who have been wonderful
15	partners since the since the beginning of this. I
16	I couldn't have asked for better partners. And
17	also all the agencies and everyone we've worked since
18	the announcement.
19	I do want to make one comment because
20	I see this in the chat. Entergy and the Verplanck
21	Fire Department had an outstanding working
22	relationship. So just for clarification, Verplanck
23	the Verplanck Fire Department, even though it's in
24	the Village of Buchanan is that was their their
25	fire district. And it had been that even before
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Page 79 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 Indian Point was purchased. So that's why, you know, 3 the funding. 4 But what I would like to see and I 5 know, Tom, you have commented about that with the 6 pipeline, I would like to see more training with 7 And we did have an initial training once the that. 8 pipeline was put in but also let's remember a large 9 portion and a pigging station is within the Village of Buchanan within the -- the Village of Buchanan's 10 Fire Department district, Buchanan Engine. 11 12 So I think a combined drill or 13 training with Verplanck, Montrose, Buchanan and if 14 anyone from the Peekskill district would like to --15 would like to be part of that. But, you know, 16 Buchanan is also going to be a first responder. So I 17 just want to keep that in mind if any of these become 18 available. Thank you. 19 MR. CONGDON: Really good point. And 20 -- and that's a good segue to our -- our next 21 presentation if we could go to the next slide please. 22 Karen Gentile from the Pipeline and Hazardous Material Safety Administration is with us today. I 23 24 -- I also want to just acknowledge a number of the 25 comments that have been made by the board members

1 6-23-2021 _ Indian Point Closure -21-01188 2 expressing concerns about the colocation of the 3 Enbridge pipelines in the vicinity of the Indian 4 Point site. 5 And, you know, as a decommissioning oversight board I think one of our roles will be to 6 7 ensure that there is a spotlight put on the co-8 location so that all of the relevant entities are --9 are called on to -- to discuss the issues with us on 10 a regular basis. And the pipeline operators understand the concerns in the community and -- and, 11 12 of course, Holtec. And so I think that this will be a 13 14 recurring agenda item, updates on, you know, pipeline 15 activities if any. And updates, you know, on any pipeline safety oversight. So I'm very grateful to

pipeline safety oversight. So I'm very grateful to Karen for -- for joining us this evening. She's an incredibly busy person and -- and she fit this presentation in on short notice. So I just want to say thank you very much for joining us and I'll turn it over to you for a presentation on the Enbridge pipelines.

23 MS. GENTILE: Thank you, Tom. Good 24 evening everybody. Again, I'm Karen Gentile and I'm 25 a community liaison with the United States Department

1 6-23-2021 _ Indian Point Closure 21-01188 _ 2 of Transportation's Pipeline and Hazardous Material 3 and Safety Administration commonly referred to as 4 PHMSA. I support PHMSA's Office of Pipeline safety 5 in the eastern region which basically covers the northeast corner of the United States from Maine down 6 7 to Virginia and over to West Virginia and 8 Pennsylvania and Ohio. 9 I'd just like to thank the Indian 10 Point decommissioning oversight board for inviting me to participate this evening. I'll be talking about 11 12 each of these items that we have up on the -- on the 13 For those of you who might not be familiar slide. 14 with PHMSA, PHMSA is the federal agency responsible for setting and enforcing regulations and standards 15 16 for the design, construction, operation, maintenance 17 and abandonment of pipelines. And our primary focus

19We work closely with state pipeline20safety programs including the New York State21Department of Public Service's pipeline safety22program to carry out our mission and our23responsibilities. The New York State Pipeline Safety24program is an interstate agent for PHMSA. This means25that they have authority and responsibility to

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is on safety.

Page 82 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 inspect interstate pipeline facilities in New York, 3 to include all the Algonquin interstate natural gas 4 transmission pipeline facilities. To check that 5 operators are complying with the minimum federal pipeline safety standards. 6 7 If they identify compliance concerns 8 with the regulations, state personnel provide 9 information on the concerns along with evidence and 10 noncompliance to PHMSA so that we can take enforcement action. 11 12 PHMSA's very familiar with the 13 pipeline that operates near Indian Point energy 14 center and the concerns raised as far back as 2013 when Algonquin submitted a prefiling with the Federal 15 Energy Regulatory Commission for the Algonquin 16 17 incremental market project otherwise known as AIM to 18 construct the new 42 inch natural gas transmission 19 pipeline near their 3 existing lines, a 30 inch, a 26 20 inch and a 24 inch line. 21 The Algonquin pipelines that operate in New York including those near the Indian Point 22 energy center are required to follow the federal 23 24 pipeline safety regulations that are contained in 25 Title 49 to the federal regulations Part 190 through

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2	199. Part 192 is the section that specifically
3	focuses on the design construction, operation and
4	maintenance of natural gas pipelines.
5	Included in these regulations are
6	integrity management requirements. And those are in
7	Part 192 subpart O. These integrity management
8	requirements require that pipeline operators that
9	operate pipelines located in high consequence areas,
10	such as in an area where there's a greater
11	concentration of buildings intended for human
12	occupancy or places where people gather, have to have
13	integrity management programs.
14	As part of these integrity management
15	programs, an operator must perform assessments on the
16	pipeline facilities to include performing assessments
17	to check for features in a pipeline. These things
18	could consist of dents, corrosion or coding defects.
19	If the features meet certain criteria, as prescribed
20	in the safety regulation, an operator may be required
21	to take pressure reduction or act to repair the
22	condition within a prescribed period of time.
23	I know there's a lot of particular
24	interest in the pipeline work that's being done in
25	the vicinity of Indian Point. From June through
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2	August of this year, Algonquin plans to excavate near
3	the Indian Point energy center property to inspect
4	features that they discovered during an integrity
5	assessment and perform preventative maintenance on
6	their 26 inch pipeline which is located near Broadway
7	Road in Buchanan, New York. Work on these features
8	is scheduled to begin on or about June 28th and last
9	for approximately six to eight weeks.
10	It's important to note though that the
11	features that Algonquin has identified do not meet an
12	actionable level as defined in the pipeline safety
13	regulations that would require them to either take a
14	pressure reduction or for that repair to be made
15	within a specified period of time. The features that
16	were identified are referred to in our regulations as
17	monitored conditions.
18	What this means is that the
19	regulations specify that the operator doesn't have to
20	schedule remediation of the features that are
21	considered monitor conditions. But what they must do
22	is they must record and monitor the conditions during
23	subsequent risk assessments and integrity assessments
24	for any changes that might require remediation. So,
25	again, though the features discovered on the

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2	Algonquin line don't require action at this time,
3	Algonquin plans to take action to repair these
4	features sooner as opposed to later.
5	Algonquin also has some additional
6	work planned where they'd like to connect their 24
7	inch auxiliary pipeline near the Hudson River to the
8	26 inch pipeline that traverses Indian Point. This
9	work would take place within the Indian Point
10	boundaries. Algonquin has received approval from the
11	operator of the Indian Point energy facility to
12	conduct test pit digs near the river crossing to
13	support this 24 inch, 26 inch connectivity effort.
14	These test pit digs are required to
15	gather information on the subsurface soil and the
16	bedrock which are necessary to apply for the storm
17	water management permits required for the actual
18	construction work. These are the storm water
19	pollution protection plan permits. The test pit digs
20	are scheduled to be completed in the late June, July
21	time frame using vacuum excavation techniques. The
22	actual 24, 26 inch tie in work will not likely start
23	before November, however. Again, the work that's
24	being done now is those test pit digs for their
25	permit application. But the actual start of the work

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6-23-2021 - Indian Point Closure - 21-01188 is not anticipated to start before November but maybe deferred to later.

4 Algonquin has been providing updates 5 on their planned work to the New York Department of Public Service's pipeline safety program. Algonquin 6 and Indian Point have confirmed and the New York 7 8 State pipeline safety program that they each are 9 aware of the work that's going on and each with each other's facilities. They've spoken and they've 10 coordinated and they don't have issues with the work 11 12 that's taking place on the pipeline facilities or for the decommissioning activities. So there's a -- a --13 that communication chain that was discussed, you 14 15 know, which is so important is taking place and the New York pipeline safety program is continuing to 16 monitor that communication. 17

18 While PHMSA has regulatory 19 requirements that operators must follow to include 20 requirements for making repairs on actionable 21 features within the prescribed time frame, PHMSA has 22 no role in approving pipeline projects to include 23 maintenance activities, piping configuration changes 24 or operational changes.

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It's the pipeline operator's

Page 87 1 6-23-2021 _ Indian Point Closure -21-01188 2 responsibility to work with the appropriate federal, 3 state and local agencies along with the landowners to 4 get any required permits and approval necessary to 5 perform those projects. And, again, any projects, 6 whether it be construction, changes in their pipeline 7 facilities or maintenance work has to be done in 8 compliance with the federal pipeline safety 9 regulations. So PHMSA would continue to work with 10 the New York State pipeline safety program, Kevin and 11 12 his inspection team to oversee pipelines in New York 13 to ensure that operators are meeting or exceeding the 14 federal pipeline safety regulation. If inspectors find safety issues or problems related to 15 noncompliance, PHMSA will issue compliance actions to 16 17 achieve and maintain pipeline safety and to ensure 18 regulatory compliance. I hope this information is 19 helpful and you're welcome to contact me any time if you have any questions. 20 21 MR. CONGDON: Karen, thank you very 22 much. I'll just take note of the time. It's eight 23 thirty. We do have about 12 or 13 speakers 24 registered who wish to make statements, but I -- if 25 -- if the board is okay with going a little beyond

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2	9:00 so that we can be sure to get to all of the
3	registered speakers, I would I would then invite
4	some questions if any for Karen. But we should try
5	to
6	SENATOR HARCKHAM: I have a quick
7	question if I may.
8	MR. CONGDON: Sure. Senator.
9	SENATOR HARCKHAM: Yeah, thank you
10	very much. Karen, thank you. This was very
11	educational. I I appreciate your making time to
12	join us. One of the concerns that I hear from the
13	community quite a bit has to do with the three minute
14	shutdown time period if there's an incident, a break,
15	a fire, God forbid something worse, and the ability
16	to remotely shut down the pipeline in three minutes.
17	And what has been seen nationally in other incidences
18	and and audits have shown that it can't be done in
19	three minutes. That's a great concern of of many
20	folks in in the community. Can you address that
21	whether I was accurate in in my assessments and
22	and what what your position is on that? And
23	and what's being done to address the the speed of
24	a shutdown in the case of an emergency?
25	MS. GENTILE: Sure. I'll try to do my

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Page 89 1 6-23-2021 Indian Point Closure -21-01188 _ 2 best to address your question. I know that there 3 were some studies done a few years ago to look at 4 things like potential impact radius of the pipeline 5 facilities, shutdown times to isolate the -- the 6 pipeline facilities. However, I -- it's been some 7 time and I -- I can't confirm, you know, what the 8 time was. But, you know, that's something that we 9 can look into. I know that there was, again, a study 10 that was done that, you know, looked specifically at 11 some of those topics. 12 SENATOR HARCKHAM: If you could look 13 into get to that report back that would be very 14 helpful. 15 MS. GENTILE: Yes. 16 SENATOR HARCKHAM: Thank you very 17 much. 18 MR. CONGDON: Thank you, Senator. And 19 -- and I think, Senator, as you know, we reported earlier at earlier meetings that our gas safety team 20 21 conducted an audit at the control room to test the timing of remote operated valve closure and -- and we 22 did confirm it would be in excess of the three 23 24 That being said, we shared those results minutes. 25 with the entities that had done those studies to --

Page 90 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 to assess the -- the risk of what damage would occur 3 at the plants. They did respond to indicate from the 4 federal perspective that it didn't change their --5 their risk assessment but it was important for us to have done that audit of the -- of the time it would 6 7 take to do the remote operating valve. 8 Is -- is there anything the gas safety 9 team from D.P.S. would like to add? I think we've 10 given you panelist treatment, Kevin or Arpit? Did I cover that accurately with respect to my summary of 11 12 your audit? 13 MR. SPEICHER: Yeah, that is correct. 14 We -- we did the audit. There's the technical 15 capability to close that valve very quickly from the 16 time they press the -- you know, that they send the 17 signal to close it. However, we felt that we --18 there would likely be some time needed to get 19 confirmation that there was a rupture or some -- or an event on -- on the pipeline and that would likely 20 21 take I think -- I think it was about seven to eight minutes if I'm not mistaken. 22 23 But when they did the -- when they 24 updated or when they did the study a couple a years 25 ago that they did take that into account and they

Page 91 1 6-23-2021 - Indian Point Closure -21-01188 2 they -- they were satisfied with -- with that time. 3 But really they -- the technical feasibility is there 4 to close it very quickly. Again, it's just a matter 5 of -- of having confirmation before they -- before 6 they do that. 7 Thank you. MR. CONGDON: Any other 8 questions for Karen? 9 MR. SPEICHER: Just one other comment. 10 We did -- we did hold a -- a meeting with Holtec and 11 Enbridge last week I believe. And -- and discussed 12 the work that was being done. And -- and we did 13 agree that we would continue meeting on a regular 14 basis so that if there's any changes in plans or 15 anything we're just -- we want to make sure that 16 their communication is taking place. And the good 17 news was that both sides did know prior to that 18 meeting what was -- what was happening. So we just 19 were able to confirm that and the lines of communication between Holtec and Enbridge are open so 20 21 that's good. 22 MR. CONGDON: Thank you. ASSEMBLYWOMAN GALEF: Tom, could I 23 24 just add was there any discussion or did I miss it 25 about closing the pipelines when they're working in

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2	certain areas through the decommissioning and and
3	trucks coming in and so on? Is is there an option
4	to close? Are we talking about that at all?
5	MR. CONGDON: Well, I think that in
6	our in our letter to the federal agencies we had
7	indicated that as decommissioning gets underway to
8	ensure that if there is decommissioning activity that
9	is of the intense variety where there is excavation
10	and other heavy equipment that there may be it may
11	be warranted to change operations or or
12	temporarily slow operations or reduce pressure on the
13	line for that work to be conducted during that
14	during that time.
15	No decisions have been made on that,
16	Assemblywoman, to my knowledge. But what we have
17	ensured is that there is coordination so that the
18	timing of the various work activities is known by
19	both parties and they can they can make decisions
20	as to whether or not there needs to be operational
21	changes to ensure safety. But that's something our
22	gas safety team will stay engaged on and monitor.
23	And and we'll keep the board apprised of that.
24	LEGISLATOR SMITH: May I just I'm
25	sorry, just to piggyback off of Sandy's question

Page 93 1 6-23-2021 Indian Point Closure 21-01188 _ _ because I had, you know, we talked a little bit about 2 3 this earlier for maybe another meeting. You had 4 mentioned about how, you know, some of the -- there's 5 more than just a consideration -- when -- when they 6 considered shutting down pipelines for, you know, 7 like if they're doing construction nearby or 8 something along those lines, part of that 9 consideration is who's on the other end of those 10 pipelines? You know, are there communities or what 11 have you that are receiving the gas and so forth? 12 You know, for me at least and I don't 13 know if this is maybe -- maybe doesn't even have to 14 be subject to a, you know, of our meetings but to 15 have an idea of how that, you know -- you know, where 16 are these other communities. What -- what is -- you know, how much, you know, sort of just maybe the --17 18 the process beyond, you know, Buchanan? Beyond 19 Indian Point. Knowing -- knowing a little bit more 20 about that process I think could -- could be, you 21 know, for me at least and -- and perhaps for some of the other board members, be instructive in terms of 22 23 how we, you know, shape the conversation moving forward about -- I know there's, you know, there's 24 25 obviously there's a -- there's a part -- part of the

Page 94 1 6-23-2021 _ Indian Point Closure -21-01188 2 agreement is, you know, in place has to do with 3 Holtec and -- and I believes it's Enbridge as well as 4 the, you know, the -- the regulatory agencies being 5 in close contact regarding any -- any type of 6 shutdown that may, you know, may be required. 7 But I know it would be helpful, I 8 think, to know also what are some of the other 9 considerations outside of our area that impact the 10 decision process here. I think that it makes 11 MR. CONGDON: 12 perfect sense and I think that's an excellent idea 13 for a future presentation to better understand the 14 operations of the pipeline. And to -- to note, you 15 know, just reducing pressure can present risks for 16 the pipeline as well even locally. Not so much 17 necessarily for the end user if it's done in the --18 kind of the right season of -- of the year when gas 19 demand is low. Perhaps it's not an impact at all on end users. But the act of depressurizing and 20 21 pressurizing the line can present issues as well. 22 And so I think it would be helpful to have some experts give an overview of pipeline 23 24 operations for this particular pipeline. So thank 25 you for the idea. We'll keep it on the list of

Page 95 1 6-23-2021 _ Indian Point Closure -21-01188 2 future presentations. 3 So we have about 12 or 13 Okay. 4 registered speakers, and if we could go to the next 5 slide please. I'm going to skip the open discussion 6 because I think we've had discussion all along the 7 way, and if it's okay with the board members, unless 8 there are other issues that -- that have been raised 9 that you'd like to get to before I start the public 10 statement session, I'd really I'd like to get going to -- to allow the public their chance to -- to 11 12 provide some input. MR. WEBSTER: 13 Just a quickie if I can? 14 MR. CONGDON: Sure. Go ahead. 15 MR. WEBSTER: There was an incident at 16 Oyster Creek with a dry cask where it was pressurized and the valve blew off and radioactive water was 17 18 released, I think we want to make sure ... there's 19 going to be quite a lot of movement of the fuel into dry cask over the next couple of years. So I'd like 20 21 to ensure, first of all, that such incident doesn't 22 recur and understand what measures Holtec is taking to make sure it doesn't recur. 23 24 Second of all, it took about I think 25 four months for it to become public so I'd like some

Page 96 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 reassurances that if such incident occurred at Indian 3 Point that it would be promptly notified to the state 4 and -- and to this board. And then I have a broader 5 question on cask which is cask inspections; are they adequate? I think they're visual only. And if that's 6 7 true I have a concern about that or corrosion. And 8 then the question is if the inspection shows there's 9 a problem what's the contingency plan. So -- so that's sort of a -- by way of saying we should 10 11 discuss these things at a future meeting. 12 MR. CONGDON: Thank you, Richard. 13 I think the dry cask issue and -- and Noted. 14 especially when there are incidents involving Holtec 15 where there's some safety issues at some of their other sites, I think it will be very important to 16 17 make sure that lessons were learned and to hear 18 directly from Holtec what remedial actions they've 19 taken so that that lesson is learned and applied at the Indian Point facility. And we will I think for 20 21 the next meeting we -- we should invite Holtec to 22 make a presentation and we can prepare for -- for 23 some presentations on dry cask methods, technology, 24 et cetera. 25 So thank you for the idea. That's

Page 97 1 6-23-2021 Indian Point Closure -21-01188 _ 2 noted. Any other thoughts for future meetings. Ι 3 think we've -- we've taken a number of thoughts 4 during the course of the meeting so I think we're --5 we're developing an agenda. But before we go to the 6 public statement session I want to ask one more time 7 if any other topics should be researched for the 8 subsequent meeting? 9 MAYOR KNICKERBOCKER: I just want to 10 say that we did -- Holtec did present at one of my meetings and they -- they did go over the -- the 11 12 spent fuel cask. So, you know, I don't know if there 13 will be more questions with that but that's fine to 14 review that again. I'm sure people have more 15 questions. 16 The only other -- last thing I'd like 17 to say, this goes back to the cessation fund is I'd 18 like to thank Vincent. He was very helpful, he was 19 very responsive with the application process. So shout out to Vincent. Thank you Vincent. You were 20 21 great. Appreciate it. 22 MR. CONGDON: Thank you, Mayor 23 Knickerbocker. And thank you, Vincent. Okay. So at 24 this time I'd like to turn it over to Tom Kaczmarek 25 who will be the moderator for the public statement

Page 98 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 session for tonight's meeting. And I'd ask the --3 the oversight board to bear with us because it looks 4 like we will go a little beyond nine p.m. But I 5 think it's important that we try to get to all the 6 registered speakers. So, Tom? 7 MR. KACZMAREK: Thank you so much. We 8 first want to provide an opportunity to make a public 9 statement to those individuals who registered ahead 10 of this meeting. Those individuals will be given the 11 opportunity to speak in -- in the order in which they 12 registered. To provide a fair opportunity for 13 everyone who registered to speak, all those will have 14 a three minute time limit. If time allows, which 15 given the late hour we may not be able to, but if 16 time does allow members of the public who did not 17 register to make a public comment may be given the 18 opportunity to do so at the end of that session. Any members of the public that are not 19 20 able to speak this evening will be given other 21 opportunities to make public comment. Those 22 opportunities will be provided on an ensuing slide. 23 Any comments included in the chat in the Q and A, as Tom mentioned earlier, those are being recorded and 24 25 the oversight board will be looking at all of those

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3 Your line will be unmuted when it is 4 your time to speak. If you are preregistered and you 5 are joining us over the phone, I ask that you please 6 raise your hand by dialing Star 3. I will then 7 unmute you to allow you to speak. So the first 8 registrant I have did register to join over the 9 phone. I believe the name I have here is Rich 10 Mermelstein [phonetic spelling]. If you are joining us today if you could please raise your hand either 11 12 using the digital feature or if you're joining over 13 the phone please dial Star 3. 14 Okay. You've been unmuted. You may 15 need to unmute yourself on your end as well. 16 MR. CONGDON: Tom, can you go over the 17 instructions for how he unmutes on the phone?

18 MR. KACZMAREK: Yes. So, yes, you --19 you should be able to -- again, you should be able to dial Star 3. All right. We will work through the 20 21 technical issue. We'll get to the next individual on We have Dan Galinko. Forgive me if I'm 22 the list. not pronouncing these names correctly. Dan, you have 23 24 been unmuted. Are you with us and able to speak? 25 MR. GALINKO: I am with you. Thank

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2	you, Tom and thank you. Can you hear me?
3	MR. KACZMAREK: Yes.
4	MR. GALINKO: Okay. Great. Well,
5	thank you to the broader board. It's great to see
6	such a multidisciplinary group pulled together here
7	just to look at the public safety and public
8	interest. I guess well, just as you I'm Dan
9	Galinko. I've been in the district in Cortland Manor
10	for five years now. I've got a kindergartener just
11	finishing kindergarten tomorrow and a couple twins
12	that are going to be rising and going into the
13	elementary school system. So very personally
14	concerned with the safety of B.V. and and the
15	other schools that are in proximity.
16	So just generally concerned that
17	certainly four months or even a year time in
18	terms of whether there's been a radioactive exposure
19	or release from the site that could impact the school
20	4,000 feet away is horrifying to be honest. But
21	beyond that and I commented in the chat during the
22	meeting that it's also the activity of demolition
23	that will kick up dust, asbestos, lead, anything else
24	that's within the site that could be, you know, drift
25	over on to the playground, the facilities of the

Page 101 1 6-23-2021 Indian Point Closure 21-01188 -_ 2 school, into the ventilation systems in the school 3 and provide a lot of concern. 4 And furthermore, you know, just 5 thinking of the mundane issues beyond the pipeline, I 6 mean, thousands of trucks on the street competing for 7 space on the streets with the school buses, there's 8 just a tremendous amount of issues to be concerned 9 about. And based on what I know today I find it hard 10 to imagine I'm going to send my kids over to B.V. while decommissioning is going on. But, you know, 11 12 again, I'm looking to this board and -- and to the 13 public interest that you'll be serving to -- to be 14 chasing down these issues and determining real time 15 every day that the school is safe to send kids to. 16 So thank you for hearing me out. 17 MR. CONGDON: Thank you. 18 MR. KACZMAREK: Thank you very much. 19 I want to give Rich Mermelstein another opportunity. I understand there may have been a signal issue. I'm 20 21 going to unmute you again, and the only thing you 22 need to do is just make sure that your own phone is unmuted. 23 MS. MERMELSTEIN: Hello, can you hear 24 25 me now?

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2	MR. KACZMAREK: Yes. Thank you.
3	MS. MERMELSTEIN: Okay. Great. Yes.
4	I'm obviously not Rich. I was using my husband's
5	phone. I have a a comment, a question and a
6	concern. My comment I'll keep them all short. My
7	comment is I really hope the board is aware that
8	you're not only speaking on behalf of the reactor
9	community here. You are going to be a model for the
10	nation. There are many plants that are involved now
11	and about to embark on decommissioning. And what is
12	done in New York and the level of transparency and
13	accountability and understanding of the process is
14	is really you're paving the way. You're you're
15	building the airplane in the air. And and I
16	really hope you take that as a very solemn duty. So
17	that's the comment.
18	The question is I'd like to have a
19	better understanding of the mechanism by which
20	members of the public, environmental groups and civil
21	society groups should interact with the board in
22	order to ask questions and get reasonable questions
23	responded to. That's the question.
24	And the third thing which is a concern
25	relates to especially to pregnant women, babies in

Page 103 1 6-23-2021 _ Indian Point Closure 21-01188 -2 utero, small children in the region. I -- I've had 3 the dubious pleasure of extensively reviewing 4 emission reports and -- and the well reports that 5 were done at -- at Indian Point which -- which are a 6 torturous process. But one of the -- the most startling aspects of those reports is you see low 7 8 level, low level, low level, huge spike. Low level, 9 huge spike. Then no information, then low level for 10 a while then huge spike. And certainly for the decommissioning 11 12 activities, not just for the dismantling of 13 structures but given the amount of contamination that 14 is in the bedrock and in the buried systems, you're 15 going to have real levels of spiking radioactivity in 16 -- in the near region. And to have members of the public find out about it, even if it's accurately 17 18 reported late after it happens is -- is really not 19 acceptable. I -- I would strongly suggest that when there are activities about to be embarked upon that 20 21 are very likely to have such releases that members of 22 the public are advised in advance and -- and given 23 the opportunity to be sheltered ... particularly 24 again pregnant women, people with babies, people who 25 are nursing who are all at elevated risk of

Page 104 1 6-23-2021 Indian Point Closure 21-01188 2 radioactivity. Thank you. 3 MR. KACZMAREK: Thank you very much. 4 MR. CONGDON: Tom, it's Tom Congdon. 5 You know, we're not going to be able to address all 6 the questions. But on a process point that was just 7 raised, how should members of the public engage with 8 the oversight board, I just wanted to -- to say that they can engage through numerous channels. 9 We have a 10 website and Tom will put up a slide at the end of 11 this session that shows where you can go to access 12 all of the documents of the decommissioning oversight board and the task force. 13 14 And there's a place for public comment 15 There will be opportunities at every one of there. 16 our public meetings for the public to make statements 17 and to ask questions via the chat. We'll try to be 18 responsive during the course of the meeting but 19 always be responsive by the next meeting because this is basically the point of the decommissioning 20 21 oversight board is to engage with the public. And -and we appreciate the comments you made there as well 22 and we'll take all of that under consideration. 23 Tom, 24 back to you. 25 MR. KACZMAREK: Thank you, Tom. Next

Page 105 1 6-23-2021 -Indian Point Closure 21-01188 _ 2 up we have Courtney Williams. Courtney, you're 3 unmuted. 4 MS. WILLIAMS: Yes, thank you very 5 I have one guestion for the P.S.C. which is much. 6 that in 2018 New York State put out its own risk 7 assessment of the pipeline at Indian Point. And they 8 listed a slew of unanswered questions. And they 9 specifically said that decommissioning increases the 10 risks of a pipeline rupture. And myself and others have asked this of the P.S.C. in the past and not 11 12 gotten an answer. 13 Were those unanswered questions at 14 some point answered and we are unaware of that? Or 15 has the -- has New York State just stopped caring 16 about the answer to those questions? 17 And what happened then about the 18 increased risk? Is that still a concern? So I would 19 really like to know or to see documents outlining the answers to the questions that New York State raised 20 21 in its own risk assessment and clearly indicating what the answers were and or how those questions or 22 risks were resolved. 23 24 My other questions is related or is 25 probably for the PHMSA representative which is that

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2	it's well known and established that Algonquin said
3	they could shut off the gas in three minutes. That
4	was never questioned by the N.R.C. or FERC. It was
5	taken on face value despite experts saying it was an
6	impossibility now that the P.S.C. has determined that
7	is actually not true. Given that it is the basis and
8	underlying assumption upon which all of the safety
9	mumbo jumbo that has been presented here, what does
10	PHMSA have to say about that in terms of pipeline
11	safety?
12	I would also like to ask that, you
13	know, a lot of this stuff is all facts in evidence.
14	We've been working on this for many years. It would
15	be really great if the folks coming to speak with us
16	were aware of the background and the work that's
17	already been done so that we could get answers during
18	these meetings as opposed to some later date. And
19	for questions that were asked in the chat, are those
20	going to be the answers to those going to be
21	provided publicly or how will we get those answers?
22	MR. CONGDON: Yes, we'll provide
23	answers to the chat questions publicly and and to
24	these specific questions as well. I will note just
25	on the P.S.C. letter that went to the federal
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Page 107 1 6-23-2021 _ Indian Point Closure -21-01188 2 agencies the issue of decommissioning and -- and 3 risks to the pipeline were related to the statistical 4 analysis and the risk assessment about pipeline 5 ruptures generally across the country noting that one of the highest risk type of activities that cause 6 7 pipeline ruptures is excavation. And that's what 8 causes many accidents. 9 And we observed in our letter that 10 given that the decommissioning process itself may involve excavation that there had to be heightened 11 12 attention to pipeline safety during decommissioning. And that's something I mentioned earlier in this --13 14 in this meeting and something that we will continue 15 to follow through on. 16 And as to the federal agency answers, 17 I -- I will say they have not been fully responsive 18 so that's been an ongoing issue. But we will kind of 19 document what we have and -- and provide it to you, Thank you. Tom, back to you for the next 20 Courtney. 21 questions. 22 MR. KACZMAREK: Thank you, Tom. Next up we have Suzannah Glidden We're going to try that 23 24 Suzannah Glidden, you are now unmuted. once more. 25 MS. GLIDDEN: Yes.

Page 108 1 6-23-2021 -Indian Point Closure -21-01188 2 MR. CONGDON: Suzannah, sometimes the 3 echo is caused if you have more than one device open 4 for the meeting. 5 Let me close MS. GLIDDEN: Thank you. 6 this other one. 7 MR. KACZMAREK: Suzannah -- Suzannah, you should get okay now. 8 I -- I closed it for you. 9 MS. GLIDDEN: Thank you so much. It's 10 concerning you've just confirmed that excavation heightens the risk of a pipeline rupture. And the 11 12 entire approval of putting in AIM the high pressure 13 pipeline near Indian Point was based on a three 14 minute ability to close it down should there be a 15 rupture. And yet that has been -- exploded that 16 myth. And the damage after a few minutes would be 17 done. The entire site would have exploded more or 18 less. And the entire region would be affected. 19 And that no decision has been made yet about shutting the pipeline down during excavation is 20 21 shocking to hear in this presentation. The -- the 22 corrective in any excavation demolition or construction job of a building the first thing that's 23 24 done is to shut down the gas. The P.S.C. must submit 25 notification to PHMSA to issue a corrective action

Page 109 1 6-23-2021 Indian Point Closure -21-01188 -2 order to shut down the pipelines at Indian Point 3 before demolition begins period. Thank you. 4 MR. KACZMAREK: Thank you very much. 5 Next we have Susan Van Dolsen. Susan, you are now 6 unmuted. 7 Thank you very much. MS. VAN DOLSEN: 8 I will not reiterate many of the points that were 9 covered about the pipeline. I do have one question 10 that came up. It -- Tom Congdon was answering Catherine Borgia's question, and you said that you're 11 12 aware of the concerns and you're taking proactive 13 steps about the pipeline. So I'm curious what 14 proactive steps the D.P.S. is taking. I also want to draw attention to a 15 16 pipeline accident that had occurred in Kentucky. And 17 this one resulted in a 30 foot long piece of pipeline 18 traveling 460 feet from where the rupture occurred 19 creating a 50 foot long, 30 foot wide and 13 foot deep crater. And I'm just trying to picture how that 20 21 would work with all of the radioactive materials sitting there during decommissioning. And I don't 22 know that anyone here, anyone on this panel, any of 23 24 those people in those agencies that you listed have 25 any idea and have ever fully understood or analyzed

Page 110 1 6-23-2021 _ Indian Point Closure -21-01188 2 what a pipeline rupture would do on this particular 3 site. 4 I have no confidence that that's been 5 analyzed properly or following federal regulations. So this is what I'm concerned about. It's been 6 7 raised in many letters, testimonies, you know, 8 statements by public officials. Many of us in the 9 public and nobody seems to be able to fully answer 10 these questions. Thank you. 11 MR. KACZMAREK: Thank you very much. 12 Next up we have Catherine Skopic. Catherine you are 13 unmuted. 14 MS. SKOPIC: Thank you. And thank you 15 for the opportunity to express concerns, for 16 listening and in advance for putting them into 17 action. My name is Catherine Skopic. I'm chair of 18 Sierra Club, New York City group. According to the 19 World Nuclear Association in their article Nuclear Radiation and Health Effects they state, radiation 20 21 protection standards assume that any dose of radiation, no matter how small, involves a possible 22 risk to human health. 23 24 The article goes on to explain the 25 unit of measurement used, the grey that would be

Page 111 1 6-23-2021 _ Indian Point Closure -21-01188 2 capital G Y as it's single, where one grey represents 3 the deposition of one Joule -- Joule, J-O-U-L-E of 4 energy per kilogram of tissue. This leads me to the 5 fact that effect of radiation alpha, beta, gamma and 6 its health impacts on humans have used 180 to 200 7 pound white men as the human standard. While it is a 8 well-known scientific fact that children and women 9 are far more vulnerable to the effects of radiation 10 than are men. Therefore, I request that in 11 12 preparation to the decommissioning of Indian Point, 13 one, a process of notification is established whereby 14 all segments of Buchanan and neighboring communities 15 are warned well in advance of any blasting, excavation, moving of radiated materials or any other 16 17 hazardous procedure. 18 Two, radioactive particles will become 19 airborne during such processes. Children, women and especially pregnant women, as Michelle also 20 21 mentioned, need to stay indoors at these times. Therefore, notification at least a week in advance 22 must go to principals of schools, the mayor, 23 24 appropriate selected officials, health professionals, 25 fire and police department. And I'm going to come

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6-23-2021 - Indian Point Closure - 21-01188 back to this. But for additional safety the AIM pipeline must be shut down.

4 Three, a published document must go to 5 all residents within a 50 mile radius explaining the decommissioning process, its dangers of releasing 6 7 radiation, ways of protecting oneself and when 8 dangerous processes will occur. A timeline of 9 planned decommissioning action steps and what people 10 can do to protect themselves. Having friends here, living in New York City I have concerns for them, us 11 12 as well as for the some 20 million New York State residents living within the 50 mile radius of the 13 14 former Indian Point nuclear power plant and beyond.

15 We need even more community oversight 16 for our health and wellbeing. And I'm listening to 17 your meeting this evening, I am -- I am given some 18 confidence that there are some important questions 19 being asked and addressed. In thinking about the pipeline, I have one question or one word that keeps 20 21 coming to mind and that is accountability. The company that built this pipeline was not acting with 22 accountability and even considering putting it near 23 24 Indian Point. They are accountable.

Why should we all be tiptoeing around

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Page 113 1 6-23-2021 - Indian Point Closure -21-01188 2 it, making adjustments to our life and having this 3 father being afraid of sending his children to 4 school? Why should we be the ones accommodating when 5 it is the pipeline company who has caused the 6 problem? 7 MR. KACZMAREK: Catherine, can you --8 can you begin wrapping up? We're over time. 9 MS. SKOPIC: Okay. Sorry about that. 10 And I realize there are people on the other end of 11 the pipeline that -- that are in need. But since 12 2013 and prior there were concerns about this that weren't addressed. And now the issue has become even 13 14 more significant. So I just -- I know -- I just 15 wanted to express that that it's very important as others have said on this call that we address the 16 issue of the gas pipeline. 17 18 And lastly, the last thing I'll say is 19 accidents happen. This pipeline is on two fault Indian Point is on two fault lines. 20 lines. However 21 careful everyone is, however professional everyone is, there are things that cannot be prevented that 22 are out of our control. Please consider this. 23 Shut 24 the pipeline down. Thank you. 25 Thank you very much, MR. KACZMAREK:

Page 114 1 6-23-2021 Indian Point Closure -21-01188 _ 2 Catherine. Next we have Tina Volz-Bongar. I hope 3 I'm saying that right. Apologies. You are now 4 unmuted. 5 MS. VOLZ-BONGAR: Great. Thank you 6 for letting me speak. And there's so many things 7 that have been said tonight that have just 8 personally, you know, really gotten to me and that I 9 wanted to comment on. But I'm -- I'm going to skip 10 those and I'm going to ask you the questions that I'm 11 asking myself as a resident who lives under a mile 12 from the -- from Indian Point and who sees it every 13 day. 14 And so -- and I want to say this 15 really. You know, about those people on the other 16 side of the, you know, the other end of the gas 17 pipeline, you know, I think that if they knew the 18 kind of safety and risks that we were living under, I 19 think that they would want to get their electricity some other way, from some other source. And I know 20 21 that because of over, you know, the -- the 2,000 -over 2,000 tons of irradiated fuel rods I don't want 22 those things shipped to New Mexico. And I don't want 23 24 it shipped to a state where the governor and 25 everybody else doesn't want it.

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2	So with these larger problems, New
3	York State has really looked at this and the four
4	agencies who are on this oversight board have said
5	about the gas pipeline, there are risks here and we
6	need these answered. And just as Courtney Williams
7	pointed out, these things have not been answered.
8	And it was very upsetting to arrive here and find out
9	about this excavation work that's going on at the
10	pipeline and it's PHMSA's responsibility on a federal
11	level to educate the community about what they are
12	doing during the beginning of decommissioning.
13	And who is who is offering
14	oversight? Somebody from D.P.S.? And if you listen
15	to the I mean, I am just beside myself. I'm
16	beside myself because of the lack of oversight, the
17	lack of accountability. Who's accountable here?
18	Governor Cuomo? Because we need to know that. Like
19	how how can we get our message across that this is
20	too risky? And I it's not fair. It is not fair.
21	We are not a public sacrifice zone.
22	And all of this energy and all of this
23	thought has been put into the economics of Indian
24	Point at the sacrificing of our public safety. We
25	have one set of directions for an accident at Indian

Page 116 1 6-23-2021 - Indian Point Closure -21-01188 2 Point for -- for radiation. We have another set of 3 directions for an accident with the gas pipeline. 4 Not one elected official, not one agency has been 5 able to answer the question of what do we do. 6 I have a 98-year-old mother. I need 7 to get her out of here. You want me to go sit on a 8 bench and wait for a bus? I mean, there's nobody to 9 tell me that. So that's what it's like living here 10 and coming to these meetings and being engaged in these kinds of issues. 11 12 MR. KACZMAREK: Thank you very much 13 for your comments. Marie Inserra. Can you -- if 14 you're joining by phone can you please raise your 15 hand using Star 3? All right. Not -- not seeing a --Hold on. Is this --? I'm sorry is his Marie 16 17 Inserra? 18 MS. INSERRA: Yes, it -- I'm getting a 19 repeat message. It's muted, unmuted. Can you hear 20 me? 21 MR. KACZMAREK: Yes, we can. 22 MS. INSERRA: Okay. Thank you. My name is Marie Inserra. I live in Peekskill. 23 Thank 24 you for the opportunity to submit questions and 25 comments. I would like to just reiterate many of the

Page 117 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 -- the concerns that have been voiced by those of us 3 who are -- have been involved in the environmental 4 struggle to get the AIM pipeline shut down, to get it 5 not to be opened in the first place. We are angry, 6 we are frustrated and we are very frightened for what 7 lies ahead of us. 8 I don't think that there's any mystery 9 that the pipeline failure rate in this country has 10 been most -- most prominent in newly constructed pipelines since 1986. The breakdown rate has 11 12 With that in mind, we know about pipelines changed. 13 -- there is no precedent for a pipeline, a live 14 pipeline, never mind three, on the premises of a 15 nuclear power plant. As that's the truth there is no 16 -- there is no precedent for establishing what the risk could be during decommissioning. 17 18 We heard from Mr. Congdon. He's 19 basically capitalized that information for us. Yet 20 we have not gotten the response that makes sense to 21 I heard some concern about what happens if anyone. 22 the pipeline is shut down regarding supplies of gas 23 to the population. We know that the basis for this 24 AIM pipeline extension was really about getting more 25 gas out to the coast to liquefy and to ship overseas.

Page 118 1 6-23-2021 Indian Point Closure 21-01188 _ _ 2 This is really a profit-driven issue. And we've also 3 witnessed some of the shenanigans that have gone on 4 with concerns about gas shortages really designed to 5 jack up prices. 6 And also ... the state that has the --7 has set a precedent for environmental legislation, 8 C.L.C.P.A. is talking about getting away from fossil 9 fuels. This could be one easy way to justify doing 10 that but most importantly, this is about a risk that we can't quantify. And as has been pointed out, 11 12 evacuation is a myth. If we're talking about those 13 bus stops then we're -- we're kidding ourselves. And 14 add to that the contradictory instructions of what to do in an emergency we're really in the midst of a 15 16 perfect storm. We don't want to wait until we're 17 18 talking about thoughts and prayers. There really 19 won't be many people around to pray if something goes wrong here. And there are lots of possibilities that 20 21 would indicate -- there are lots of indications that 22 things can go wrong. We urge an action on this. 23 We've been trying for years and we urge some action 24 now before decommissioning starts. Thank you. 25 MR. KACZMAREK: Thank you very much

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6-23-2021 - Indian Point Closure - 21-01188 for your remarks. Next we have Amy -- Amy Rosmarin. You are now unmuted.

4 MS. ROSMARIN: Hi. Thank you. So I am very disturbed that you are putting our safety in 5 6 the hands of Holtec and Enbridge to decide what to do 7 about stopping the gas. Why should we trust Holtec 8 and Enbridge to be making a decision regarding the 9 pipeline? They are motivated by money not our 10 safety. It -- it was -- it was -- it was just very 11 disturbing to hear that this is -- that, you know, 12 you're trying to put it off as like oh yes and 13 they'll talk to each other and make sure that, you 14 know, things are okay. I don't -- you know, you 15 don't -- they are not to be trusted with our safety.

16 I also want to make a point that 17 Indian Point contains a lot of heavily contaminated, 18 highly radioactive, you know, the spent fuel, there's 19 radioactive equipment and infrastructure and soil and groundwater. And during decommissioning as the spent 20 21 fuel is being removed from the buildings and the buildings themselves are being dismantled and their 22 contents and infrastructure are being dismantled and 23 24 removed and are no longer protected by the buildings, 25 an explosion from the pipeline could scatter

Page 120 1 6-23-2021 Indian Point Closure -21-01188 _ 2 radioactive debris throughout the site and the 3 region. 4 My question is why would you even 5 consider taking this risk and not stop the flow of 6 gas during decommissioning? So I would like a 7 detailed explanation -- you kind of made reference to 8 the, you know, people who need the gas -- you know, I 9 -- I want -- I want to see this all laid out, why 10 that is important. There must be other -- other 11 alternatives for them to get their gas. This is --12 this is just too big of a risk. 13 So and my question I -- another 14 question I have that I would like answered is who -who is it in New York State who makes the ultimate 15 16 decision whether to shut off the gas? Whether to, 17 you know, not -- not give the permits and to order a 18 corrective action order? Who is that person? If --19 if it's an individual, who are the people advising that person? You know, there's no reason why this 20 21 should be a secret. So we -- we would like to know who it is that's -- that's making the decision. 22 And -- and I also just would like an 23 24 answer, you know, again, about why after knowing that 25 Enbridge can't -- couldn't shut the gas off in 3

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2	minutes from notification let alone 3 minutes from a
3	from a rupture and as Karen Gentile from PHMSA
4	should know that none of the over 900 incidents
5	reported to PHMSA were shut in less than less than
6	30 minutes and most of many hours. And so could you
7	please explain why after knowing that Enbridge
8	couldn't shut the the gas that New York State
9	didn't take steps to shut shut the gas and contact
10	PHMSA to issue a corrective action order.
11	MR. KACZMAREK: Thank you very much.
12	Next up we have Ellen Weininger. Ellen, you are now
13	unmuted.
14	MS. WEININGER: Thank you. You can
15	hear me? Can you hear me?
16	MR. KACZMAREK: Yes, we can.
17	MS. WEININGER: Oh, okay. Thank you.
18	I echo the concerns about any question of safety
19	being a top priority. And also this unprecedented
20	decommissioning scenario with pipelines at a nuclear
21	gas transmission pipelines at a nuclear facility.
22	So first and foremost, it seems to be the most
23	important and the first and most important order of
24	business the Public Service Commission to ensure
25	that the gas is shut off at Indian Point before

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1 6-23-2021 _ Indian Point Closure 21-01188 _ 2 decommissioning. And to take steps to request 3 PHMSA's issuance of a corrective action order. 4 This can't be dependent or reliant on using back of the envelope speculations about 5 6 pipeline rupture scenarios that are endangering millions of New Yorkers. 7 I do want to just provide 8 two brief excerpts from two of the experts who 9 weighed in among many. Dr. Erwin Redlener, former 10 director of National Center for Disaster Preparedness at Columbia University said at -- with the release of 11 12 the risk analysis letter to FERC calling for urgent 13 action, New York State agencies confirmed the 14 catastrophic risk posed millions of lives by the colocation of the high pressure pipelines of the aging 15 Indian Point. We strongly agree that close proximity 16 to pipelines to critical safety infrastructure and to 17 18 highly radioactive nuclear fuel stored onsite is a 19 persistent and significant threat. This is particularly alarming as we 20 21 have seen an increase in pipeline failure rates

especially in newly constructed pipelines. To make matters worse, decommissioning and decontamination work anticipated with the closure of Indian Point will certainly involve heavy excavation which may

Page 123 1 6-23-2021 _ Indian Point Closure 21-01188 _ 2 well further jeopardize pipeline integrity. 3 From a public health point of view, 4 the flow of gas at Indian Point presents an enormous 5 risk to communities and families throughout the 6 region. Shutting down this gas flow should happen 7 immediately in order to avert the possibility of a 8 catastrophic explosion that would have widespread, 9 deadly consequences in our region. 10 And another small excerpt from Mr. Rick Kuprewicz the renowned pipeline forensic expert 11 12 and president of Accufacts. I've reviewed a series 13 of rupture analyses statements concerning the AIM 42 14 inch ... pipeline rupture near Indian Point. I've 15 come to the conclusion that they do not represent 16 that the transient dynamic associated with a 42 inch 17 gas transmission rupture should have failed near 18 Indian Point. Assumptions about closure within three 19 minutes to cut off flow are unrealistic and 20 unscientific that's already been established. 21 A further recent analysis with -- that 22 a rupture of 1 hour 42 inch pipeline ... does not impact new plant needs for ... 23 MR. KACZMAREK: We are -- we are at 24 25 time.

Page 124 1 6-23-2021 -Indian Point Closure 21-01188 _ 2 MS. WEININGER: I'll -- I'll finalize. 3 I'll sum up. Quite simply agency studies are 4 violating the basic laws of science concerning gas 5 pipeline rupture and associated forces that result in 6 massive cratering, pipe shrapnelling and violate 7 science associated with such releases. It appears 8 that agencies are attempting to dismiss risk as low 9 when gas pipeline rupture may drive a new facility to non-safe shutdown in a highly sensitive area. Thank 10 you so much for making safety the single most 11 12 important priority for this D.O.B. and the Public 13 Service Commission. Thank you for the opportunity to 14 speak. 15 MR. KACZMAREK: Thank you very much. 16 Next we have Nancy Vann. Nancy, you are unmuted. 17 MS. VANN: Hi. Thanks, guys. I don't 18 want this to seem like an academy awards speech but 19 first I would like to thank two people in particular. Senator Harckham and Assemblywoman Galef who 20 21 introduced legislation to get the decommissioning oversight board initiated for the state. And well, 22 of course, my mother for having had me in the middle 23 24 of an actual hurricane. 25 But there are a number of things that

Page 125 1 6-23-2021 Indian Point Closure 21-01188 _ _ we need to continue to address one of which is the 2 3 fact that the -- the evacuation area when Fukushima 4 accident happened was a 50 mile radius. And there 5 are people within this 50 mile radius that are really 6 going to be impacted by this. The initial 7 legislation call for some citizen participation in 8 the board. I personally live within one point six 9 miles of Indian Point which is closer than most 10 people that live in Cortland. 11 Courtney Williams lives within one 12 mile of it which is an even closer than I do. Ι 13 think that we need to include people from Peekskill 14 either officials or citizens. And I would like to propose an amendment to the decommissioning oversight 15 board charter to include actual real citizens that 16 17 have a stake in this. 18 I've also been working with people at 19 the other end of the pipeline. The other end of the pipeline folks do not need this particular gas. 20 The 21 attorney general from Massachusetts weighed in saying 22 no we don't need this gas. There's a compressor 23 station that's being proposed in Weymouth, 24 Massachusetts to send this gas up to Canada where 25 it's going to be put on ships as liquefied natural

800.523.7887 6-23-2021, Indian Point Decomissioning Associated Reporters Int'l., Inc. Page 126 1 6-23-2021 Indian Point Closure -21-01188 _ 2 gas and sent to Europe. 3 The people there have been opposing 4 this particular Algonquin gas pipeline for several 5 years. So --. 6 MR. KACZMAREK: Nancy, you need to 7 wrap up here. 8 MS. VANN: Yeah. I hope that we can 9 actually participate in this. I see that the public statements were all of them after -- it's now nine 10 twenty-four and I'd like to think that we are going 11 12 to have more actual public participation. Ι 13 appreciate the participation of the state task force. 14 I -- I personally was dragged out of a FERC meeting 15 for supporting Governor Cuomo who asked for risk assessment of the pipeline going by Indian Point. 16 17 You can see videos of that if you're interested. But 18 we need to really focus on what the issues are. This 19 pipeline is incredibly -- incredibly dangerous next to this type of -- of structure the --. 20 21 MR. KACZMAREK: Nancy, we're -- we're 22 over time quite a bit. MS. VANN: At the -- the O.I.G. the 23 24 internal investigation facility at the N.R.C. had 25 many questions about this and I would like to see

Page 127 1 6-23-2021 _ Indian Point Closure -21-01188 2 those answered. And thank you, Tom. I appreciated 3 your work on the state task force and I hope that we 4 will be able to continue to interact on -- on these 5 issues. But we --. 6 MR. KACZMAREK: Nancy, I -- I 7 apologize. But we're going to move on to allow other 8 speakers to come on. 9 MS. VANN: Okay. Thank you. 10 MR. KACZMAREK: And just a reminder to everyone, there will be other opportunities to 11 12 comment after this. You -- you'll be able to submit 13 in other ways. So moving on we have Michel Lee. 14 Michel you are now unmuted. 15 MS. LEE: Hi. Yes, I already spoke. 16 I spoke with ... 17 MR. KACZMAREK: Oh, I see, yes. So we 18 were -- I understand. Thank you. So next we have 19 our final registrant is Manna Jo Greene. Manna Jo, can you raise your hand if you're joining via phone 20 21 and I'll be happy to unmute you. Again, to unmute from the phone please dial Star 3. Manna Jo if you 22 can hear me, again, just dial Star 3 or you can -- if 23 24 you are connected virtually please you can send me a 25 note in the chat. Not seeing a raised hand. Tom,

Page 128 _ 1 6-23-2021 Indian Point Closure 21-01188 _ I'll -- I'll turn it back to you if. 2 If we see Manna 3 Jo Greene's hand go up and show up, able to speak I 4 will let you know. 5 Thank you. MR. CONGDON: And I'll --6 and I'll note that we did receive a lot of written 7 comments from Manna Jo Greene yesterday and -- and so 8 we have that on the record on our website. And we 9 appreciate the -- the input. And want to just say I 10 -- I appreciate all of the feedback from the public. We hear you loud and clear that the co-location of 11 12 the pipeline is a major concern. We have some 13 homework assignments to -- to attend to to respond to 14 some of the questions we heard, provide updates on the communications we've had with the federal 15 agencies and -- and clarify any of the key points. 16 17 This will be an ongoing issue. We 18 recognize more information on this is better and 19 there was an earlier recommendation for a future presentation on the operations of the pipeline. 20 Ι 21 want to just clarify because it came up a number of 22 times in the comments that I by no means would ever 23 suggest that the user's safety should come before the 24 local communities. I -- I merely was pointing out 25 that there is risk to public health and safety

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2	associated with the entire length of the pipeline.
3	And those risks may be infinitesimally
4	small. They may be significant. What we can do
5	always is identify opportunities to reduce that risk
6	and that's been some of the activities that our
7	D.P.S. safety team has has under undergone.
8	And we'll we'll do more to provide a more thorough
9	presentation at the at the next meeting on these
10	issues.
11	With that, Tom, is is there another
12	subsequent couple of slides here to wrap up to remind
13	them to click on the opportunities for public
14	comment? Can we can we go to the next slides?
15	MR. KACZMAREK: Yes.
16	MR. CONGDON: Can you walk folks
17	through this? Yes, so go our website is
18	www.dps.ny.gov. You can click on the Indian Point
19	closure task force and decommissioning oversight
20	board and click post comments. A number of you have
21	already found this tool and we will review everything
22	that comes in through that that venue. All of the
23	materials from this meeting will also be posted at
24	this site, and the minutes when they're sent to us
25	will will be posted as well.
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2	I want to thank all of the board
3	members and the task force members and the public for
4	participation today. Tom, do you have the next
5	slide? And that wraps up our our presentation and
6	our meetings. We will schedule the next meeting of
7	the task force and the oversight board in the coming
8	months. And as we indicated earlier, there will be a
9	number of side meetings to follow up on some of the
10	issues so we can be responsive even between meetings.
11	So, again, thank you all. These meetings are
12	adjourned.
13	(Off the record 9:31 p.m.)
14	(The proceeding concluded.)
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Page 131 6-23-2021 - Indian Point Closure -21-01188 1 2 STATE OF NEW YORK 3 I, BECKY FOSTER, do hereby certify that the foregoing was 4 reported by me, in the cause, at the time and place, as 5 stated in the caption hereto, at Page 1 hereof; that the 6 foregoing typewritten transcription consisting of pages 1 7 through 130, is a true record of all proceedings had at 8 the hearing. 9 IN WITNESS WHEREOF, I have hereunto 10 subscribed my name, this the 30th day of June, 2021. 11 12 13 BECKY FOSTER, Reporter 14 15 16 17 18 19 20 21 22 23 24 25

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