

Indian Point Community Advisory Panel Minutes
April 22, 2021

In attendance:

Theresa Knickerbocker, Mayor Village of Buchanan, Chairperson
Linda Puglisi, Supervisor Town of Cortlandt, Vice-Chairperson
Peter Harckham, 40th Senate District
Sandy Galef, Assembly District 95
George Latimer, Westchester County Executive
Catherine Borgia, Westchester County Legislator, District 9
Kevin Byrne, Assembly District 94
Richard Becker, Councilman Town of Cortlandt, Deputy Supervisor
Marcus Serrano, Buchanan Village Manager
Richard Funchion, Deputy Mayor Village of Buchanan
Tito Davila, Sen. Harckham, Indian Point Liaison
Peter Loughran, Westchester County 4 County Safety Coordinator for IP Nuclear Plant
Thomas Carey, Pres. AFL-CIO West/Put Central Labor body, Bus. Rep. Plumbers/Steamfitters, LU#21
William Smith, V.P. of Local 1-2 (representing the utility workers at IP)
Eileen Absenger, Buchanan resident
Don Dwyer, Montrose resident, local realtor
Manna Jo Greene, Environmental Dir. Hudson River Sloop Clearwater, Ulster Co. Legislator
Charles Graven
Nick Longo, representing County Executive Ed Day, Rockland County
Deb Milone, President of Hudson Valley Gateway Chamber of Commerce

New York Department of Public Service Representatives

Thomas Congdon, Deputy Director, Chair of the NYS Closure Task Force
John Sipos, Office of General Counsel
Thomas Kaczmarek, Advisor to the Executive Deputy Department of Public Service

Entergy Representatives

Mike Twomey, Senior VP, Federal Policy, Regulatory and Governmental Affairs
Joe Lynch, Director of Gov't. Affairs
Rich Burroni, Decommissioning Director

Holtec Representatives:

Joe Delmar, Senior Director Gov't. Affairs and Communications
Pat O'Brien, Manager Gov't. Affairs and Communications at Holtec, CDI

Mayor Theresa Knickerbocker welcomed everyone to the Citizens Advisory Panel.

TKnickerbocker: I know there were some comments made regarding the format of our meetings - if we look at the Charter, it has specifically enhanced, open communication for public involvement and education of Indian Point decommissioning issues. The CAP will serve as the formal channel of community involvement with IP. This is not about being hostile to one another. This is about the flow of information of what is going on at the IP property through the decommissioning process. The length of the introductions was another comment; therefore please just state your name for a head count.

We will have presentations from Entergy and Holtec followed by a q & a. Then there will be a public comment period (3-minute limit).

LPuglisi: We have been on a long journey together. Thank you Theresa and your board and administration along with the Cortlandt Town Board - Deputy Supervisor Richard Becker is present tonight.

We have been working on this since 2017 when the Gov. announced the closing of IP and many other meetings prior to the closing regarding IP. Thank you also to our Task Force members and the CAP Panel. We are in this together - this is a big deal. We have also been a part of the NYS Task Force, with Mr. Tom Congdon. Also, thank you to all the workers and managers of Entergy; they have been terrific working with us. We wish everyone the best in the future. Thank you for keeping the plant safe. That has been our number 1 goal.

Approval of minutes February 4, 2021 Meeting minutes - motion Linda Puglisi, second - Manna Jo Greene, all in favor -Aye.

Michael Twomey - Entergy: (See PowerPoint update 4-22-2021)

MTwomey: We are providing an update this evening on a number of items.

We permanently shut down Unit 2 on April 30, 2020. We will be shutting down Unit 3 on April 30, 2021. As of today, we have 745 days of continuous operation at IP 3. I would like to acknowledge the superior work of everybody at the site that has been operating Unit 3 in an exemplary fashion. We are already at a world record for a light water reactor, in terms of continuous operation. That workforce at the facility was asked to finish strong in their continuous operation of the facility and they have certainly done that.

The next step in the life of Unit 3 is that after April 30th we will transfer the fuel from the reactor to the spent fuel pool and then we will notify the NRC that IP 3 has been permanently been defueled and that is it also permanently ceased operations. Once we permanently defuel the plant around mid-May the site will implement the NRC approved Post-Shutdown Emergency Plan with a set of changes commensurate with cessation of power operations.

Update on the Nuclear Decommissioning Trust (NDT) Funds:

The combined balance of the IP NDT funds was \$2.415 billion on 12/31/20. After we shut down the facility and defuel the reactor there will be approximately 300 employees from Entergy who are scheduled separate from the company. We distributed WARN Act notices to the employees and provided courtesy notifications to local officials. Those notices contained the expected date when the employees would be separated, the name of the Energy contact for questions, and other information we are required to provide.

As part of our ongoing commitment to employees at Indian Point, the company previously announced a plan to find a position within the company for those qualified employees who are willing to relocate. More than 170 employees have accepted offers to transfer within the company and many are already working in these new roles. We will continue to work closely with the NYSDOL for the benefit of our employees and we recently and successfully worked with the US DOL to provide some additional benefits to our employees. We got approved for the Trade Adjustment Assistance or Trade Act which provides certain federal benefits.

The current employees at Entergy who will transfer over to Comprehensive Decommissioning International (CDI) - those employees were notified. The staffing of the first decommissioning phase was complete and will consist of 312 current Entergy/IP employees. That transition of Phase 1 of decommissioning will be implemented shortly after the NRC is notified of permanent defuel.

Update on the Sale:

On April 16, 2019, we announced that we reached an agreement to see the subsidiaries that own IP, 1, 2 and 3 to a Holtec subsidiary for decommissioning. The transfer would include the licenses, spent fuel, decommissioning liabilities and NDT for the three units. We expect to close in May 2021. The transaction is subject to certain closing conditions, including approval from the NRC. The NRC approved the license transfer on 11/23/20. We also requested an order from the NYS PSC approving the transaction. There was a closing condition based on an agreement being reached between Holtec and the NYS DEC regarding site restoration standards and other cleanup matters.

We have been involved with the proceeding with the PSC since Nov. 2019. We have participated in informal discovery and made discovery available to all the parties to the proceeding and have had settlement discussions.

On March 19th the NYS PSC issued a Notice of Impending Settlement Negotiations in the docket and then commenced formal confidential settlement negotiations among the following: NYS PSC staff, NYS Attorney General, NYS, DEC, NYS Entergy Research and Development Authority, NYS Div. of Homeland Security and Emergency Services, Westchester County, Village of Buchanan, Town of Cortlandt, HHSD, Riverkeeper and Public Utility Law Project of NY.

All of those parties participated in the settlement discussions, which went on through late March through early April and that culminated on April 14, 2021 with a joint settlement proposal that has been filed with the NYS PSC. That joint proposal resolves all issues among all parties. It addresses matters such as financial assurance, site restoration, financial reporting, continued funding for State and Local emergency Management, MOU with the local Taxing Jurisdictions on property taxes, dismissal of federal litigation relating to NRC approval of the license transfer.

The joint proposal is open for public comments until April 29. We are hoping the PSC will address this at their May 13 meeting, which would permit the parties to close the transaction at the end of May. We will continue to work with local stakeholders through this process. We believe the Community Advisory Panel continues to be an important venue for sharing information and educating the public. You can also find decommissioning information on indianpointcap.com administered by the Village and indianpointdecommissioning.com administered by Entergy.

If the PSC approves the transaction and we are able to close the transaction at the end of May, this will have been the last meeting that Entergy participates in and certainly the last meeting that I participate in. I want to take a moment, to thank the men and women at Indian Point who have done an outstanding job. Entergy bought IP nearly 20 years ago - IP 2 in 2001 and IP 3 in 2000. We have operated that facility for twenty years safely; we have invested more than 1.3 billion in the facility during our ownership. We have generated approximately 300 million megawatt hours of carbon-free electricity over those years. We honored our commitments, we have been fair to our employees, we have been a good corporate citizen and we have protected the environment. On behalf of Entergy, we are very proud of our ownership and what we have done to contribute to a reliable electric grid in NY. It is with some mixed feelings that this plant is shutting down but I wanted to acknowledge a lot of the outstanding work that has been done at that facility.

TKnickerbocker: Thank you for joining us at our CAP meetings and for your presentations. You have been a huge asset. We appreciate everything that you have done.

Q and A from the Panel:

LPuglisi: When will the actual transfer of everything be official?

MTwomey: We need to have the action by the PSC and we are hoping to close the transaction on May 28, 2021.

LPuglisi: Does that have to be approved by the Governor, State Legislature or they have the authority?

MTwomey: The only remaining closing condition is action by the PSC on the joint proposal.

SGalef: Entergy has done such a great job for us and I cannot believe it has been twenty years and you have run a really good facility. I appreciate what you have done. You mentioned you are going to take all the spent fuel rods out of IP 3 or 2, or both?

MTwomey: IP 3 still has fuel rods in the vessel reactor - they will be moved to the spent fuel pool by May 20, 2021. Today there is nuclear fuel in three places: Fuel in the reactor, fuel in the spent fuel pool and fuel on the pad stored in the canisters. Once the plant shuts down, the remaining fuel in the reactor will be moved to the spent fuel pool and then there will be fuel in 2 places (spent fuel pool and fuel on the ISFIS. Over the course of the next 3-4 years, all of the spent fuel will be moved from the pool to the pads - so you should have all the fuel in the canisters by the end of 2024.

SGalef: I always had the understanding that the spent fuel rods would stay in the pool for about five years. So you have IP 2 that was in last year so I would assume it is another 4 years for them to stay there and the additional ones would be later than that. I was surprised that they would move faster than that. How long did Entergy keep them in the spent fuel pool?

MTwomey: We have kept them in the spent fuel pool over the years, probably at least five years. We have not been moving fuel every five years; we have been emptying the pool as needed to make space for fuel coming out of the reactor. We have not been in the position to approach it in a decommissioning perspective. When you are ready to decommission a facility, you have to get all of the fuel out of the pool so you can begin the demolition work. In VT/Yankee when we finally shut that facility down we ended up moving all the spent fuel out in a little over 4 years there. There have been technological improvements over the years on the ability to manage that spent fuel. I think that is the best example of how adjustments are being made. Timelines can shift as you begin the work. Most are shifting forward (sooner).

SGalef: Is there an NRC standard?

MTwomey: There is no NRC requirement. In terms of a timeline, you have to have a Spent Fuel Management Plan that you submit to the NRC but there is no way to go to a regulation to see how long it needs to stay in the pool.

MGreene: What I would like to see happen is a real careful report by an independent scientist or university or agency that helps us to understand high burn off fuel. Much of the fuel is 30-40 years old; some has been moved out into dry cask storage. It is my understanding that 3-5 years is what is recommended for regular, not super enriched, fuel which I think is somewhere in the neighborhood of half of the fuel that is still in the fuel pools is regular fuel but I have and I am expressing concerns from the environmental community that we do not want to rush the high burnup fuel which has been in use approximately the last decade too soon. I am very

concerned watching Oyster Creek. It is one thing to leave things for years and years but another extreme is the potential for moving high burnup fuel too quickly and unfortunately because of the volumes of waivers and exemptions that the NRC has granted, including violating their own regulations. That is well documented in the background from the recent congressional briefing - which I hope many of you watched - I can put the link in the chat. I am concerned about rushing high burn off fuel. Much of that fuel sat in the fuel pools and they became dangerously overcrowded. It is great to be moving them out.

We also have concerns about the canisters and that is another independent study that we will need to be asking for. Unfortunately, the NRC has not always served the public interest. I think asking independent scientists to evaluate both the time-line for moving high burn off fuel and the safety concerning the canisters that are being used. It is one thing to say let's move it out of the fuel pool because it is overcrowded and will be safer in dry cask storage but you have to look at the canisters that are being used. Rather than just completely relying on Entergy or Holtec somehow, we need to get an independent evaluation of those two considerations. I believe it is my responsibility to represent the concerns of the environment community so bear with me as I do.

TKnickerbocker: That goes on a federal level - the change policies and I know you are not thrilled with the NRC. That is who we have now - the NRC. You would have to address your federal representatives. There are policies that are in place and the NRC has the exclusive jurisdiction of the radiological decommissioning of IP and power plants.

MGreene: We did have our fourth congressional briefing - so we can educate Congress. If the NRC is not fulfilling its mission then we need more congressional oversight. We need to ensure that there is adequate oversight.

RBecker: I want to second what Manna Jo said and take it a step forward. I think the citizens are asking us to be here, those of us that were elected, to make sure that their safety is protected no matter what. I think that it is crucial that we have - and I will leave it with the electives to work with them - to make sure that we have an independent monitor throughout this entire process, not just for the first step but also from start to finish. I trust Entergy and Holtec but trust and verify. We will not get a second chance and we have seen this with huge projects. For example, Boeing - a great company- monitored by the FAA and the FAA said they did not have the manpower so you monitor yourselves. Now that is a federal investigation. Speaking for myself and for those, I have spoken to feel that we need as we enter this next critical phase that we have independent monitoring so that we know that it has been done correctly. Science is going to change and I do not mean to impugn anyone or say doesn't have their heart in the right place but I won't feel safe and secure and I do not think any of our citizens will unless there is an independent examiner. I think that is something that this task force and the other should now work on.

TKnickerbocker: I understand your statement but that is not on the agenda this evening. The State is forming an oversight board. Not only is the NRC responsible for the radiological decommissioning but also the State is setting up this board. Tom Congdon has more updates.

TCongdon: I can provide an update tonight and more details at a subsequent meeting. When the governor signed IP related legislation in Dec. 2020, in his approval message he directed the PSC to form a decommissioning oversight Board. We are forming that board and should have candidates vetted by the end of April. At an IP Closure Task Force meeting, we will present the new functions and panelists, etc. The idea is exactly what Manna discussed (and we did receive

your letter related to the decommissioning oversight board). Ultimately, we will have technical experts, environmental representation; all of the elected officials that sit on the task force will be invited to participate. The Task Forces have done tremendous work to address the economic and labor issues associated with the plant's closure and it does address decommissioning. There will be some overlap. It is our intention to try to evolve the Task Force into the decommissioning oversight board. We are looking at the proposed legislation that was pending at the time of the governor's signing of the other bills to help guide us with the scope of the oversight board. We will recognize the importance of the public input and have meetings similar to this one. That is the update. The NRC has oversight but the legislation that the Governor signed also clarified the Departments role and the DEC has a role with respect to the cleanup. Other State agencies including Homeland Security have important roles with emergency response. All the right State agencies will be included.

LPuglisi: I will put you on the May 20 agenda for the Indian Point Community Task Force Local meeting. Richard - we will discuss all your points at that meeting.

CBorgia: I agree with Manna Jo and Rich. I appreciate very much that the State is taking such an active role. We would not have nearly as much influence. Thank you Tom, Sandy, Pete, Tish James. When we did our Federal package was to say - this should be the model for how nuclear power plants are decommissioned, safely. We have heard from other communities that say Good Luck! We need a strong, loud, voice all together. At the County that is our most significant role considering that we are a level of government up from the locals but down from the State. We have to look into the future and make sure we are doing things in the most strategic way.

What are the safety concerns for the schools? We know the decommissioning process is the most dangerous time - what would happen if anything should happen to the schools physically. Could the work being done be potentially dangerous. How are we working with Holtec to make sure that the students are protected during the actual physical processes?

TKnickerbocker: There is a school in the Village of Buchanan and we are all concerned for the safety of the children and the residents. My mantra has been the safe decommissioning of IP - we are all on the same page. There is a time frame from when the spent fuel is moved and that has been going on for decades on the property. When they take down the core - when that is being done that is enclosed the building. Once that is secure, it is a major industrial demolition. There is a time frame for each process. We are concerned for the safety of everyone. The supervisor and I will continue to monitor the situation.

CBorgia: I am on the same team. The louder our voices are during the entire decommissioning process, the better. One thing is what would happen if something went wrong when I spent fuel rod being lowered into the dry cask - there are just a lot of things we have to be vigilant about.

TKnickerbocker: Remember the plant is safer without it producing electricity.

CBorgia: You need to think about the long-term when none of us will even be here.

Holtec Presentation - Joe Delmar and Pat O'Brien:

JDelmar: Thank you for the opportunity to speak with everyone tonight. We would like to extend our thanks to all the parties that agreed to the joint proposal and hopefully the decision with the PSC will allow us to move forward to decommissioning and we look forward to working together in the future.

Tonight we will talk at a high-level overview of what decommissioning will look like during the first year of Holtec's possible ownership of IP. If the sale agreement does go through and the PSC approval is received we look forward to future opportunities to come before the Panel and give detailed overview discussions of what we have done over certain periods of time and what we look to do moving forward until the next meeting.

With me is Pat O'Brien who is our senior manager of government affairs and communications based out of our Pilgrim plant, which is actively decommissioning and will touch on some of the progress at Pilgrim. We will touch upon what will and will not change with Holtec's ownership and discuss the schedule of activities - what the first year looks like. We will talk about what is happening at Oyster Creek and Pilgrim and close with an overview of the job impacts because that does affect the local communities.

Pat O'Brien: I can speak about this from first-hand experience because I am a former Entergy employee that started at the Pilgrim plant in MA and transitioned over in August 2019 under Holtec's ownership.

PO'Brien: What does not change is our focus on safety. We will be demonstrating the same positive behaviors that made IP a top performing plant in the industry. We will continue to maintain high standards of nuclear professionalism. We will be in compliance with programs and procedures to ensure the safety of the decommissioning.

What will change is the names on the buildings and vehicles, on the employee's paychecks and we will have new processes and software tools that are Holtec's workings and allow us to the fleet model. There will be some transition there. We will be going to the prompt decommissioning planning for the work ahead.

JDelmar: For the schedule of the decommissioning, the focus Energy will be moving all of the fuel out of Unit 3 into the spent fuel pools so the reactor vessels will be empty for all 3 units. At that point, we can begin the process of what we call reactor vessels and internal segmentation and start beginning some of the lengthy work that will be involved with segmenting pieces of the reactor.

Beginning in 2022, we will begin moving fuel to the dry cask storage facility (ISFSI) and that process will take about 2 years. We want to clarify that later this year there will be 4 casks of spent fuel that will be moved as part a previous settlement agreement that Entergy had with the State from 2017 - 2021, 24 casks were to be moved to the ISFSI pad so we will be completing 4 casks to be moved to complete the requirements of that agreement.

During the process of moving the fuel, we will also be looking at opportunities to dismantle different structures, different buildings inside and some storage tanks. That is what we have done at some of the other plants and then begin demolishing different buildings. We will start with buildings on the outskirts of the facility and allow us to improve site lines and efficiency of decommissioning operations.

In 2032, we will do the final site survey and be sure that any remediation that needs to be done meets not only the NRC requirements but also the agreements that are set forth with NYS and DEC. Once the final site survey is done, we will complete the site restoration of the property with the goal to complete that by 2034.

At that point we will look to process with the NRC to do partial site release and that would allow us to release the property of IP with the exception of the ISFSI - at the latest by 2036 is what the target is. It could happen as soon as 2033. At that point the spent fuel will remain under NRC security guidelines using the existing security force that is in place - that will take place through 2062 - we have targeted with the plan hopefully we are exploring (consolidate) interim storage in

New Mexico or other facilities that the federal finally does honor its obligation to take the spent fuel off the site.

There are several different stages to the decommissioning activities and some of these have already been accomplished.

- The Pre-decommissioning planning and preparation - this was done in preparation for decommissioning Regardless of the owner. This included developing the schedule and specifics for shutdown and defueling of the reactor as well as the licensing.
- Plant Deactivation - once the plant is shutdown different systems will be isolated to shut down power and other systems that are no longer needed. We will keep different systems operating for plant stabilization.
- Safe Storage Operations - this is the fuel movement to the existing spent fuel storage facility. Last year the Buchanan Planning board approved the expansion of that pad. There will be a second pad out there that will allow us to store all the spent fuel from IP's operating history for all three units. Once that is all completed 125 casks of spent fuel total.
- Dismantlement - we will continue with dismantlement and demolition of the structures and material.
- Ongoing ISFSI Operation - the spent fuel will remain there until another opportunity exists to move it off site with security oversight

PO'Brien: First year of planning and preparation: the first few months will be integrating the former Entergy employee's right into the Holtec/CDI teams and getting them to understand the processes and be comfortable in the new roles.

We will then begin the cold/dark/hazard reduction in buildings. There will be a number of areas with a lot of buildings that are no longer needed so we will go through that work to make them cold and dark and shutdown those facilities to reduce any potential hazards. We will work to reduce the electrical load and water inventory on their site. That process will go on through decommissioning and through emptying the fuel pools specifically for water and electrical load reduction.

We will continue with decommissioning planning and finalize those plans for that transition to DECON and prompt decommissioning. We are working to procure the services, materials and supplies we need. A decommissioning site is a very active facility while working through cleaning out buildings and bringing in Labor and Trades for specific jobs.

We will continue our stakeholder interaction and support - that is a key function of Joe and myself. Key to the planning piece of decommissioning is the review of the historical site assessment (HSA) and that will help us support how we do the decommissioning and waste management planning. This is a review of all known issues at the plant over the life of the plant. That will lead into a site-characterization study.

We will continue our radiological management department. We will work on developing the decommissioning budget for radiation - As Low as Reasonably Achievable (ALARA) budget. We will develop a Waste Management Plan (WMP) for the facility for the demolition and removal of materials. We will perform safety, security and environmental studies. Also note there are still a number of NRC inspections and interactions on the site during the decommissioning. We will begin to work on the Reactor Vessel Internals (RVI) and Reactor Pressure Vessels segmentation. We specialize the tooling to the work so we will do tooling design, fabrication and testing. Necessary licensing and permitting to reflect the new normal for the plant where it is transitioning from a plant to a permanently defueled facility.

We use fleet decommissioning procedures that work well between all of our facilities, which will help integrate existing policies, programs and activities. That will be a learning curve for the team that is coming over. We will be developing that work packages to ensure that we have everything we need in order - permitting-wise to go through and have the workforce safely do the work.

Conducting site characterization activities so that we understand radiological and any hazardous wastes that are identified, categorized and quantified. We will then work to expand the ISFSI to safely store spent fuel from IPEC's operational life.

JDelmar: We are actively decommissioning two other properties at the Pilgrim and Oyster Creek plants.

The Oyster Creek plant is currently on schedule and under budget. The key driver is the fuel loading campaign. We finished the staging of the equipment and personal right before the holiday season and commenced fuel loading in January. We are currently loading our 23 rd cask of spent fuel and scheduled to complete that by late June. With that underway we are proceeding with the second phase of reactor vessel segmentation and the continued demolition of outbuildings and stage tanks.

POBrien:

Pilgrim Update: We are on schedule and under budget. We currently have 29 fuel casks on the pad - through three different campaigns under Holtec's ownership. Our final 34 casks will begin to be loaded in June 2021 and will be completed in November 2021. Pilgrim shutdown in 2019 so it took 2.5 years to load all the fuel into the casks and get it out to the pad. The site characterization study continues and we are going through that process actively. We have done a lot of demolition of the outbuildings much earlier than anticipated. We did our reactor vessel internal segmentation; it is still ongoing. We did a world record of boiling water reactors completing our dryer in 20 days and separator in 38 days. We have them in packages and some have been shipped to off-site repositories (our vendor is WCS in TX.)

JDelmar: Local Employment:

We will be retaining approximately 300 Entergy employees and their knowledge and experience. We are honoring the existing collective bargaining agreements (UWUA and Teamsters). That workforce will be supplemented by skilled labor through the local union halls. We have National Labor Agreements in place with Laborers', the Operating Engineers and the IBEW. Those national labor agreements cover not only the IP plants but also these national agreements cover the union workforce at Pilgrim and Oyster Creek. We also have training options for decommissioning team members to become apprentices and join the unions. For our radiation protection workers it is a specialized field at the plant. Those are also represented by the united brotherhood of carpenters.

Please email j.delmar@holtec.com or p.obrien@cdi-decom.com if there are further questions.

LPuglisi: The NRC has had teams on site at IP throughout the years - will they continue to have teams present during the decommissioning process?

POBrien: There are normally the on-site inspectors that are stationed at the plant. With Pilgrim they were on-site the first 6 months of decommissioning and then it transitioned to regular inspections, (Pilgrim had 8-10 inspections on-site). This will continue.

LPuglisi: Why do they cease being there daily after 6-months? I would think they would want to continue to monitor it into perpetuity.

POBrien: That is a question for the NRC. We do have regular scheduled meetings with the NRC weekly so there is a good line of communication. We still have reporting requirements.

LPuglisi: I will ask the NRC. It would be to Holtec's advantage to have the checks and balances as Entergy has had for the 20 plus years. It works to everyone's benefit.

RFunction: The waste that is shipped in these containers, how are they shipped?

POBrien: At Pilgrim, it has been mostly truck and some truck to rail. It depends on how the site is set-up.

RFunction: The security at IP - will that be enhanced? Reduced? Or stay the same?

POBrien: The security force is the same for a certain period of time depending on where we are in the process. Once you get all fuel on pad, it becomes more of a demolition project that is subject to change. There are constant security enhancements being made at the facility during the initial parts of decommissioning for a number of reasons.

TCarey: Thanks for your good presentation. I want to give clarification. Some of the local unions have national labor agreements such as the operating engineers and the electricians. When can we sit down with the rest of the building trades regarding the rest of this work and are you planning on a job fair in the near future for some local residents for different types of jobs?

JDelmar: We have had several conversations with other unions to sign onto a national labor agreement. We are looking for agreements that cover not just IP but all the plants that we are decommissioning and hope for in the future we have the same type of agreements in place. I will take this back to the leadership that we are meeting with the steamfitters and pipefitters. I will circle back to you with that.

TCarey: I appreciate that. Not just with my local but with all the Local's involved. I realize that not every building trade will be involved with the decommissioning project.

JDelmar: Regarding job fairs, I know when Entergy was doing some job fairs we participated in that for possible job opportunities in other parts of Holtec. I know at the other sites as different work groups are phased out at different stages of decommissioning - we look at those individuals and their experience and background to see if there is an opportunity to have them go at another plant to support the decommissioning activities.

TCarey: I like your apprenticeship opportunities as well. My hall would be willing to take some of those guys in as well.

TKnickerbocker: Could you explain the internal reactor segmentation? Is that the internal core of the reactor? Just for clarification.

POBrien: Yes. Pilgrim and IPEC are a bit different but it is going into where the fuel used to sit and cutting away the pieces of the internals of the reactor.

DDwyer: Just a quick question about the transition lines coming out of the plant - are they going to be removed? Will the towers come down at some point? Is that part of the decommissioning or something separate?

JDelmar: I will have to clarify with you on who owns those lines. I do not believe we own those. We will dismantle the main power transformers that connect to the transmission lines. I will let you know. Not sure of the State requirements but there may be another use later on.

MTwomey: The switchyard across the street is owned by Con Ed equipment and it will be continued to be utilized by them after the site shuts down.

RBurroni: That is correct. Some of the lines on the towers are incoming lines. We will take some of the power from the grid into the plant.

SGalef: Can I ask about money? The decommissioning fund has \$2.415 billion in it. I think that is higher than it was when Holtec did the analysis.

MTwomey: That is true. The market has performed well and the investments that are a mix of equities and treasuries have done well.

SGalef: Has Holtec re-evaluated the cost of the decommissioning of the plant given that before you had said there was not enough money. You have also said with Plymouth and Oyster Creek that it has come in under budget. Where are you going financially?

JDelmar: With the decommissioning trust fund, we have to provide an annual update to the NRC that monitors the cost of the fund and what the expenditures are. The PSDAR that was submitted and the decommissioning cost estimate - we need to at each submittal each year to the NRC show that we are meeting the amounts that had been designated previously in the trust funds and if we are over or under have an explanation on that. As an example with Oyster Creek and Pilgrim when we did the submittals this year, one or two areas were higher, mainly due to the ability to move some of the work forward in the schedule. That was still approved by the NRC and as we look to do that with IP, we will do the same type of reporting. The public reports will be available to the Panel and public.

SGalef: So today, you have not done any public reports - that was just an overview analysis early on.

POBrien: That was an initial PSDAR and Decommissioning Cost Estimate and that is required to be updated by March 31 every year that we own the plant.

SGalef: How does that relate - it sounds like you are anticipating the plant to be decommissioned in 12 years - 15 years.
So how does this all relate to the \$400 million dollar that you have to put aside in the contract for 10 years?

POBrien: We have something simple here with MA - it is a minimum balance that is required to stay in the trust fund for those first ten years. At no point as we go through the decommissioning could we let it go below that number in the first ten years. I believe there are

triggers to make up any shortfall but that isn't anticipated. It is a way to provide financial assurance.

SGalef: Was that also done at the other plants?

POBrien: It was done in MA as part of the settlement agreement with the Attorney Generals. I think the number was approx. \$180 million but I will double check. But that is only 1 unit vs. 3 units at IP.

SGalef: So our first report is next March.

POBrien: Yes, March 31, 2022 and that would cover this calendar year through December 31.

JDelmar: I would like to clarify that for Oyster Creek there was no State agreement similar to what is being done in NY and MA. When we purchased the plant from Exelon, they had an administrative consent order with NJ, which we inherited, which did not have any type of additional criteria for the decommissioning trust fund balances.

CBorgia: Some of the questions that were asked in the chat about the decommissioning plans taking into account the fact that the nearby pipeline - can you tell us about the safety measures to make that is taken into account.

POBrien: That will be factored into all of the planning. Where the pipes are there will be very little need to go over near them. Obviously, they are buried 4' in the ground. We will work with the pipeline owner as well as our own team to ensure that any work done there is safe and secure.

Q & A from the chat box

Mike Lee - can you confirm that there has been no monitoring of ___14 emissions from the plant stacks during the plant's operation.

TKnickerbocker: Go to the CAP website and we will get some answers for you there.

Courtney Williams - this is where expertise from a decommissioning oversight board would be useful.

TKnickerbocker: This is what NY State is doing.

Are the canisters blast and fireproof? Are they in the blast radius of the pipeline?

TKnickerbocker: At a past meeting, the topic was the canisters. It was in-depth. Those questions have been answered and are on-line.

??How does the County emergency plan adjust to change in oversight?

CBorgia: We are required to have an emergency plan in the County. That is probably something we would want to start talking about now.

TKnickerbocker: I agree that is another topic for a meeting.

Courtney Williams - There is a school in Ohio that was contaminated by decommissioning a nuclear facility.

Susan? - The settlement does include several provisions regarding off site emergency planning, preparedness and response.

Paul Gunter - It should extend beyond the dismantlement (regarding emergency planning) given the high level of nuclear waste casks that will remain indefinitely. Holtec is going to say that an accidental release of radioactivity from a cask is not credible.

?? If the casks that are used are inadequate, they will not be safer.

Courtney Williams - Is the ISFSI sitting out in the open like the current casks? Holtec has never completed the decommissioning of a nuclear power plant.

Will Holtec pay for an update of the Buchanan/Verplanck safety plan? Including radioactive release or contamination? Will they pay for any necessary upgrades identified by the safety committee such as ventilation improvements at BV to make sure contaminated dust from demolition does not get into the building? Will they pay for radiation monitors at the school? Will they pay the district to conduct the testing of dust inside and out the building before, during and after?

TKnickerbocker: Please see the CAP website for answers to these questions.

Joanie?- Can Holtec speak to any concerns about a decommissioning demo near the pipeline?

?? Can the State address with the NRC - more oversight during the decommissioning process.

TCongdon: The NYS Task Force will reach out to the NRC to ask them to provide a detailed explanation of NRC oversight during decommissioning.

?? Will you be updating the PSDAR?

POBrien: That is required every year.

JDelmar: In regards to school monitoring there are additional requirements that are set that the State will have in place as part of the joint proposal. When we are decommissioning it is a surgical process it is not designed to kick up a lot of dust or materials like that. I know there are some concerns - my understanding is that one of the schools is over 2 miles close to the plant. Oyster Creek also has an elementary school just over 2 miles from that facility and they have not had any issues or challenges during the decommissioning. We take our work very seriously. We are inheriting skilled nuclear professionals that Energy has as well as the industry personnel that we have. We take every precaution to have it done safely.

TKnickerbocker: Segmentation of the core is done in a contained building.

MGreene: Since Oyster Creek has come up a few times - the community has been asking for an over-pack, which may or may not be sufficient but it may provide some protection if there were a leak in a canister. In order to transport it, the NJDOT does not allow that weight so there is a consideration of barging an over-pack to the site, which is being actively decommissioned if there is a problem. It seems that having one over-pack stored on-site rather than something that could take days to arrive if there is a problem. It is beyond my comprehension why during active decommissioning Holtec is not agreeing to that concern of the community of Oyster Creek.

POBrien: You have to understand that we are the owner of the facility and we are responsible for the nuclear fuel and ensuring that the casks remain in compliance with the NRC. Through numerous discussions with the NRC, depending what the issue is and each issue could be different - we would have to come up with a plan to bring that cask into compliance. The simplest would be to get a transportation cask and put it in there temporarily and then find a solution to what the issue is. It is easily done by us as the owner and manufacturer. They are not required to be onsite.

JDelmar: In working with Lacey Township to address their concerns, first there has not been any leak from a multi-purpose cask or dry cask in the world. In the outside possibility if that were to occur having that transportation cask available - the Township, based on conversations that they have had with us they were comfortable that if needed that we could have it located nearby and have it sent over to the plant facility. It is important to point out that if there were an issue to arise with the canister or the cask this is something that will be miniscule in nature. With inspections, you are going to note that there may be an issue that could be identified. Having that cask available is something that the facility in Camden, NJ near the Delaware River has the capability to ship by a barge.

MGreene: It is my understanding there have been similar circumstances where barges have run aground or sunk. It is the time that is concerning. Thank you.

LPuglisi: The 33 wells on the IP campus that myself and others have fought for over the years because they are so important to monitor for the groundwater. Tritium spills leakage many years ago from IP the wells were expanded to 33. Some are on our property that we bought from Con Ed. Will the Holtec, Inc. still keep the wells, oversee them, monitor them, and have reports on those for the public.

POBrien: We just drilled 8 additional wells at Pilgrim based on information as part of the site characterization. The wells at IP will be part of that study.

Marilyn Ely: What remediation is planned for the contaminated pool of water under the reactors?

POBrien: That will all be a part of the decommissioning plan. I do not know specifically. We do water mitigation on the site.

Margo Shepard: Is the maximum time a cask has been used only 30 years?

Diane Turco: The NRC has not approved overpack for mitigation for leaking canisters.

Joanie: Please post early notice of all meetings for the community to be involved.

TKnickerbocker: We will do better going forward.
I want to thank Entergy. They have been a good neighbor to the Village of Buchanan. I will miss you. Everyone I dealt with is the ultimate professional and we always had a good working relationship. I appreciate that.

On April 30, we are having an event to thank the employees for their dedication and professionalism and the safe operation of IP. Out of respect for these workers, who are losing their jobs and careers I am asking that this stay as a thank you. Please come out to thank them. The next meeting date for the CAP is TBD.

LPuglisi: May 20 is the next Local Indian Point Task Force meeting. I will join you to thank the Entergy workers on April 30. It will be a bittersweet day.

Linda Puglisi made a motion to close the meeting, seconded by Richard Function with all voting in favor - **Aye**.

Minutes submitted by Judi Peterson