

**From:** dresser\_p <dresser\_p@verizon.net>  
**To:** dresser\_p <dresser\_p@verizon.net>; Neil.Sheehan <Neil.Sheehan@nrc.gov>; Mark.Marziale <Mark.Marziale@nrc.gov>  
**Subject:** (NRC): Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International  
**Date:** Mon, Aug 27, 2018 10:56 am

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Neil Sheehan

Appreciate the help in passing the comments/questions to the NRC officials starting with the rising sea levels to SNC-Lavalin Group so they will be included in the PSDAR due by September 10, 2018.

It was mentioned at the July 17, 2018 PSDAR meeting in Lacey Township to mail comments/questions to

**May Ma, Office of Administration,  
Mail Stop: TWFN-7-A60M,  
U.S. Nuclear Regulatory Commission,  
Washington, DC 20555-0001.**

SUNSI Review Complete  
Template = ADM-013  
E-RIDS=ADM-03  
ADD= Sihan Ding, Janet Burkhardt, Doug  
Broadus, John Lamb

Thanks

Paul Dressler  
[dresser\\_p@verizon.net](mailto:dresser_p@verizon.net)

COMMENT (2)  
PUBLICATION DATE: 6/11/2018  
CITATION: 83 FR 27033

-----Original Message-----

**From:** dresser\_p <dresser\_p@verizon.net>  
**To:** Neil.Sheehan <Neil.Sheehan@nrc.gov>; Mark.Marziale <Mark.Marziale@nrc.gov>; dresser\_p <dresser\_p@verizon.net>  
**Sent:** Sat, Aug 25, 2018 10:22 am  
**Subject:** Re: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International

Neil Sheehan

FYI Some additional information about SNC who would be involved in the decommissioning of Oyster Creek Plant has issues with federal corruption and fraud charges against them. Our community would hope this will be investigated and looked into when the NRC considers the potential sale of the Oyster creek Plant and its decommissioning.

Thanks

Paul Dressler  
[dresser\\_p@verizon.net](mailto:dresser_p@verizon.net)

A preliminary hearing over federal corruption and fraud charges against SNC-Lavalin Group Inc. has been set for a 50-day period starting in September, 2018.

The Crown prosecutor and lawyers for the Montreal-based engineering giant agreed on Friday to combine two separate cases related to the charges into a single preliminary hearing to save time, money and resources.

Both cases involve charges of embezzlement of funds, bribery and other wrongdoing related to contracts SNC had in Libya between 2001 and 2011.

Former SNC senior executive Sami Bebawi is named as a defendant in one case while SNC and some of its subsidiaries are named in the other.

SNC acknowledges there was wrongdoing in the North African country but that it was by

executives who have since left the company, and says it has undergone a sweeping overhaul of its ethics and compliance procedures.

The company is suing Mr. Bebawi as well as another former executive, Riadh Ben Aissa, alleging they embezzled money from SNC while doing deals on its behalf in Libya.

Mr. Ben Aissa, who was head of SNC's international construction business and had oversight over Libya, was found guilty last year by Switzerland's Federal Crime Court of bribing Saadi Gadhafi, the son of deposed Libyan dictator Moammar Gadhafi, to win lucrative construction projects for SNC while diverting money to his own personal use.

SNC lawyer François Fontaine was asked after a procedural hearing on Friday if the two sides might still be able to reach a settlement and avoid a drawn-out court process. He replied: "Anything is possible."

The RCMP laid rare corruption and fraud charges about a year ago against SNC. Company executives involved in the post-scandal cleanup at SNC repeatedly stated they would prefer to avoid a prolonged legal battle and reach a settlement without admission of guilt.

Canada differs from other countries, including the United States, in that it does not have so-called "deferred prosecution" or "non-prosecution" agreements by which prosecutors can obtain fines from companies facing bribery allegations while sparing them a trial or guilty plea that would trigger further reputational damage.

In a separate criminal case, former SNC chief executive officer Pierre Duhaime faces charges of fraud, conspiracy to commit fraud and using forged documents in relation to the company's contract to build McGill University Health Centre's new \$1.3-billion super-hospital. That case has not yet gone to trial.

Mr. Ben Aissa, who was ultimately extradited to Canada, co-operated with the RCMP in its investigation of SNC's business dealings in Libya.

With a file from reporter Nicolas Van Praet in Montreal.

**If you wish to comment on the plan but can't make the public meeting, the NRC will accept public comments on the report until Sept. 10. Mail comments to: May Ma, Office of Administration, Mail Stop: TWFN-7-A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.**

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-----Original Message-----

From: Sheehan, Neil <Neil.Sheehan@nrc.gov>

To: dressler\_p <dressler\_p@verizon.net>; Marziale, Mark <Mark.Marziale@nrc.gov>

Sent: Mon, Aug 20, 2018 9:31 am

Subject: RE: Re: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International

Thank you for sharing this, Mr. Dressler.

I will make sure our staffers who will be reviewing the Oyster Creek license transfer application are aware of this.

Neil Sheehan  
NRC Public Affairs  
(610) 337-5331

**From:** [dressler\\_p@verizon.net](mailto:dressler_p@verizon.net) [mailto:[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)]  
**Sent:** Monday, August 20, 2018 9:00 AM  
**To:** [dressler\\_p@verizon.net](mailto:dressler_p@verizon.net); Sheehan, Neil <[Neil.Sheehan@nrc.gov](mailto:Neil.Sheehan@nrc.gov)>; Marziale, Mark <[Mark.Marziale@nrc.gov](mailto:Mark.Marziale@nrc.gov)>  
**Subject:** [External\_Sender] Re: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International

Neil Sheehan

Last week, We mailed a letter and petition to Governor Murphy and a number of CC's including the NRC (below) about Oyster Creek closing which had several hundred signatures.

Paul Dressler  
[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)  
908 566 2316

**If you wish to comment on the plan but can't make the public meeting, the NRC will accept public comments on the report until Sept. 10. Mail comments to: May Ma, Office of Administration, Mail Stop: TWFN-7-A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.**

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The Honorable Phillip Murphy  
Governor of New Jersey  
Office of the Governor  
PO Box 001  
225 West State Street  
Trenton, NJ 08625 - 0307

Dear Governor Murphy

We commend you on your energetic leadership in serving New Jersey's families and communities. We are concerned, however, and ask you and your administration to protect the health and safety of our families, the ocean, coastal environment, and to preserve the aesthetic appeal of our community.

With the recent news release of the sale of the Oyster Creek plant by Exelon to Holtec, it has been announced that the decommissioning of the plant is proposed to be an eight year process, well below the previously stated 60 year timeframe. While this would be beneficial to Lacey Township and the surrounding Jersey Shore communities, the aggressive nature of this much shorter decommissioning timeframe creates some concerns and uncertainties among our community residents.

We understand that subject to NRC and BPU approvals, Holtec will own the plant, be responsible for the decommissioning obligation, and it will be transferred the Nuclear Trust Fund. In comparison to Exelon maintaining the decommissioning and financial obligations, having Holtec step in creates a number of risk factors that will require careful scrutiny and vetting. Among these risk factors are attaining letters of credit, financial sustainability, requisite insurance coverage, bonding, etc. The proper vetting of these and other risk factors are absolutely essential to insure the health and safety of our Ocean County residents, as well as the economic

sustainability of the billion dollar tourist industry in the Barnegat Bay-Long Beach Island areas...not to mention all the other environmental factors involved. Governor Murphy, we are counting on your support and attention to these very important matters!

Thank you for reviewing our concerns (and the attached petition) on these extremely important matters! We hope that you will work with your legislative and environmental colleagues to ensure that Exelon, Holtec and any other involved companies will be held to their obligations to decommission the Oyster Creek nuclear plant in a timely, thorough and responsible manner. Your leadership is essential to ensuring the well-being of every family in our community and state!

Sincerely,  
Ron Martyn, Chairman, Community Civic Affairs Group  
44 Dunberry Drive  
Forked River, New Jersey  
(201) 388-9868

CC:  
Community Civic Affairs Group Committee

CC:  
NRC Chairwoman Kristine L. Svinicki  
NRC Public Affairs Neil Sheehan  
NJDEP Commissioner Catherine McCabe  
BPU President Joseph Fiordaliso  
NJ Senate President Stephen Sweeney  
NJ Assembly Majority Leader Louis Greenwald  
NJ Senator Christopher Conners  
NJ Assemblyman Brian Rumpf  
NJ Assemblywoman Dianne Gove  
Representative Tom MacArthur  
US Senator Cory Booker  
US Senator Robert Menendez  
Freeholders John Bartlett, John Kelley, Joseph Vicari  
Lacey Township Mayor Nicholas Juliano

### **Petition: Decommissioning of Exelon's Oyster Creek Nuclear Generating Station**

We the undersigned residents of Lacey Township respectfully request that Governor Phil Murphy of New Jersey take actions to protect the health and safety of our families, to protect the sensitive ocean coastal environment, and to preserve the aesthetic appeal and character of our community in light of the decommissioning of Oyster Creek:

We respectfully request Governor Murphy:

Review the Oyster Creek Nuclear Generation Station Post Shutdown Activity Report (PSDAR), which was filed on May 15, 2018, to ensure decommissioning is completed safely and within as short a timeframe as possible. Exelon proposes to place the facility into a so-called Safe and Storage (SAFSTOR) condition and take 60 years to decommission the plant. Other nuclear facilities have completed decommissioning on approximate 20 year schedule. The extended decommissioning schedule proposed for Oyster Creek and continuing on site radioactive waste storage pose undue risks to New Jersey residents, the sensitive ocean coastal environment, and New Jersey shore tourism. The plant is located near sea level, ground zero for climate change, exposed to risks of rising sea levels, unpredictable natural events and Sandy type surges that may impact the site and cause spills and releases over the very long 60 year term.

Ensure that New Jersey citizens and electric ratepayers are protected from decommissioning financial default risks and cost impacts. Exelon is considering the sale of the plant and transfer of the decommissioning obligation to a third party contractor. Similarly, another nuclear generation company is in progress to sell the Vermont Yankee nuclear plant and transfer its decommissioning obligation to a contractor. Exelon as a technically competent nuclear plant owner operator and financially secure

corporation is best able to execute the decommissioning in order to minimize performance and financial risks and protect ratepayers. The sale and transfer would allow Exelon to avoid its decommissioning obligation and benefit financially. In the case of future third party default, the burden of decommissioning and site restoration will fall on ratepayers and hard working New Jersey citizens. Exelon should be held to its responsibility and obligation to decommission Oyster Creek in a safe and timely manner.

CC:

NRC Chairwoman Kristine L. Svinicki  
NJDEP Commissioner Catherine McCabe  
BPU President Joseph Fiordaliso  
NJ Senate President Stephen Sweeney  
NJ Assembly Majority Leader Louis Greenwald  
NJ Senator Christopher Conners  
NJ Assemblyman Brian Rumpf  
NJ Assemblywoman Dianne Gove  
Representative Tom MacArthur  
US Senator Cory Booker  
US Senator Robert Menendez  
Freeholders John Bartlett, John Kelley, Joseph Vicari  
Lacey Township Mayor Nicholas Juliano

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-----Original Message-----

From: dressler\_p <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>  
To: Neil.Sheehan <[Neil.Sheehan@nrc.gov](mailto:Neil.Sheehan@nrc.gov)>; Mark.Marziale <[Mark.Marziale@nrc.gov](mailto:Mark.Marziale@nrc.gov)>; dressler\_p <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>  
Sent: Mon, Aug 6, 2018 6:28 pm  
Subject: Re: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International

Answers would work on both PSDAR Exelons comments/questions due Sept 10, 2018 and Holtec International proposal

Paul Dressler  
[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)  
908 566 2316

-----Original Message-----

From: Sheehan, Neil <[Neil.Sheehan@nrc.gov](mailto:Neil.Sheehan@nrc.gov)>  
To: dressler\_p <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>; Marziale, Mark <[Mark.Marziale@nrc.gov](mailto:Mark.Marziale@nrc.gov)>  
Sent: Mon, Aug 6, 2018 4:59 pm  
Subject: RE: Re: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International

Mr. Dressler,

Are you looking for answers to these in the near term or when we consider the PSDAR for the Holtec proposal?

Neil Sheehan  
NRC Public Affairs  
(610) 337-5331

-----Original Message-----

From: dressler\_p <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>

To: dressler\_p, <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>; mark.marziale <[mark.marziale@nrc.gov](mailto:mark.marziale@nrc.gov)>; Neil.Sheehan <[Neil.Sheehan@nrc.gov](mailto:Neil.Sheehan@nrc.gov)>

Sent: Mon, Aug 6, 2018 10:10 am

Subject: Re: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International--SNC potential fraud charge article

FYI Update on SNC

<https://www.thestar.com/business/2018/05/22/snc-lavalin-settles-shareholder-class-actions-in-ontario-and-quebec-for-110-million.html>

## SNC-Lavalin settles shareholder class actions in Ontario and Quebec for \$110 million

ISS MAROWITS The Canadian Press  
May 22, 2018

MONTREAL—SNC-Lavalin Group Inc. has moved further from its troubled past by settling two class action lawsuits worth a total of \$110 million over allegations of misleading investors about its activities in Libya.

The company said it will contribute \$88 million to the settlement of the cases in Ontario and Quebec. The rest will come from its insurance, said Michael Robb of Siskinds LLP, the lead lawyer of the claim. The agreement is subject to court approval.

Paul Dressler

[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)

-----Original Message-----

From: dressler\_p <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>

To: dressler\_p <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>; mark.marziale <[mark.marziale@nrc.gov](mailto:mark.marziale@nrc.gov)>; Neil.Sheehan <[Neil.Sheehan@nrc.gov](mailto:Neil.Sheehan@nrc.gov)>

Sent: Fri, Aug 3, 2018 11:14 pm

Subject: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International---SNC potential fraud charge article

Additional Comments/questions on PSDAR July 17,2018

There was an article written below (8/3/2018) which makes some interesting findings on investigations needs to be look into on what is going on with SNC (Canadian Company) who

will be a contractor in the decommissioning of Oyster Creek Nuclear plant. It may be prudent for the NRC to check out SNC and its fraud charges especially when Holtec is looking to decommission two additional nuclear plants (Pilgrim in Mass and Palisades in Michigan nuclear power plants) just announced August 1, 2018. Governor Murphy of New Jersey might to follow what was done in Vermont and establish watchdog making the decommissioning of Oyster Creek more transparent and accountable. I appreciate your consideration in this matter.

Paul Dressler  
[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)

<https://www.app.com/story/opinion/columnists/2018/08/03/oyster-creek-decommissioning-plan-needs-close-scrutiny-gunter/900152002/>

## Oyster Creek decommissioning plan needs close sc

[www.app.com](http://www.app.com)

The credentials of everybody involved in the demolition and radioactive clean- must be checked for their reliability and integrity.

# Oyster Creek decommissioning plan needs close scrutiny: Gunter

**Paul Gunter** | Asbury Park Press 5:01 p.m. EDT Aug. 3, 2018

## **Oyster Creek to shut down in Sept**

Oyster Creek nuclear power plant's nearly half-century legacy is ending early. Here's what you need to know.

Amanda Oglesby and Ryan Ross

It is understandable that everybody wants to see the Oyster Creek nuclear power plant, scheduled to close permanently Sept. 17, decommissioned as quickly as possible. But there is every reason to take time to scrutinize the recently announced deal with a newly created company, Comprehensive Decommissioning International (CDI), which raises some alarming red flags.

Every stage of the nuclear power industry is inherently dangerous, especially given that public health and safety is entrusted to the operators. This includes the decommissioning of the nuclear power station — the dismantling of the radioactive corpus, site restoration and securing hundreds of tons of highly radioactive waste for uncertain long-term management. This makes it imperative that the public can fully rely on the quality control and assurance practices intended to safeguard the surrounding community from the spread of radioactivity.

**More:** Oyster Creek to be sold: Holtec to take down plant in 8 years

**More:** Safety should trump speed at reactor: Bergmann

**More:** Oyster Creek: One last look inside Lacey nuke plant before it closes for good

Given that the decommissioning process has the least regulatory scrutiny and environmental review of all of the links in the nuclear chain, the credentials of everybody involved in the demolition and radioactive clean-up have to be checked for their reliability and integrity. That's why it is important to scrutinize fully any candidate company lining up to carry out Oyster Creek's estimated \$1.4 billion decommissioning operation.

When Oyster Creek shuts down, Exelon has set up Plan A to sell the 47-year reactor site and its high-level nuclear waste to Holtec International, headquartered in Camden. Pending approval by the U.S. Nuclear Regulatory Commission for the sale of the "possession only" license, Exelon will transfer the power plant's estimated \$982 million decommissioning trust fund to Holtec, which will in turn contract the job out to CDI. CDI is a limited liability corporation formed in a 2018 merger of Holtec International and the Canadian engineering giant SNC Lavalin based in Montreal, Quebec.

SNC Lavalin is a long-established global energy development corporation spanning the oil, gas, nuclear and renewable power industry. But that history to date arrives with serious allegations and findings of corruption and fraud in the corporation's business dealings that now need airing with regard to the pending Oyster Creek nuclear decommissioning deal and several others also on CDI's new agenda.

According to Toronto's Globe and Mail newspaper, SNC Lavalin Group Inc. is scheduled for a preliminary hearing in Canada in September or October over federal corruption and fraud charges. The Crown prosecutor has combined two cases against SNC that focus on the embezzlement of funds, bribery and wrongdoing for lucrative contracts in Libya between 2001 and 2011. A former senior executive is named in one case and SNC and several subsidiaries are



named in the other.

SNC has acknowledged wrongdoing with assurances that sweeping ethics changes are now in place. The SNC former executive has already been found guilty of bribery in a Swiss federal criminal court. In a separate criminal case and pending trial, another former SNC chief executive officer faces charges of fraud, conspiracy to commit fraud and using forged documents for a SNC contract to build new \$1.3-billion super-hospital in Montreal.

In ongoing findings of SNC Lavalin corruption, the World Bank debarred the corporation and 100 of its affiliates in 2013 for 10 years from further Bank contracts. This followed misconduct involving conspiracy to pay bribes and bidding misrepresentations involving Bank-financed contracts in Bangladesh and Cambodia in violation of procurement guidelines. The SNC Lavalin sanction from 2013 to 2023 is the longest-running financially punitive action taken by the World Bank. According to the Bank's related press release, "This case is testimony to collective action against global corruption."

Given the still uncertain cost and a limited trust fund to do the Oyster Creek decommissioning right, every effort needs to be made to take precaution with financial safeguards from the very beginning.

**The State of New Jersey would be wise to authorize the establishment of a Nuclear Decommissioning Citizen Advisory Panel, as was legislated in Vermont and Massachusetts, to watchdog their nuclear power stations, to focus squarely on making the business of decommissioning and site restoration more transparent and accountable.**

*Paul Gunter is director of Beyond Nuclear's Reactor Oversight Project.*

5:01 p.m. EDT Aug. 3, 2018

**From:** [dressler\\_p@verizon.net](mailto:dressler_p@verizon.net) [mailto:[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)]

**Sent:** Friday, August 03, 2018 10:15 AM

**To:** [dressler\\_p@verizon.net](mailto:dressler_p@verizon.net); Marziale, Mark <[Mark.Marziale@nrc.gov](mailto:Mark.Marziale@nrc.gov)>; Sheehan, Neil <[Neil.Sheehan@nrc.gov](mailto:Neil.Sheehan@nrc.gov)>

**Subject:** [External\_Sender] Re: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Exelon's pending 3rd Party sale to Holtec International

Additional comments/questions on the PSDAR July 17, 2018

With Exelon's pending sale to Holtec International announced July 31, 2018 please consider the following if the NRC approves (third quarter 2019):

Will Holtec provide the the same final security as Exelon such as a surety bond, letter of credit and insurance?

Will Holtec provide it financials to the NRC, public, etc?

Will Comprehensive Decommissioning International LLC and SNC (who will do the actual decommissioning) provide the same type financial security as Holtec?

With the sale who will be the owner of the property once the decommissioning is completed?

Will all of the \$984 Million Trust fund for the decommissioning be transferred from Exelon to Holtec?

It was mentioned Holtec International has applied for a license to store nuclear waste in Mexico. They would intend to move all the Oyster Creek's Nuclear waste there if approved. Would this be included in the cost of decommissioning? With Holtec looking to this are there any conflicts of interest?

There was an issue with the San Onofre nuclear plant had a loose bolt inside one of the canisters, — Los Angeles Times

The loose piece of bolt, about 4 inches by half an inch was discovered in one of 43 freshly manufactured canisters that featured a new design [Holtec HI-STORM UMAX] aimed at improving storage capability. What will be done to ensure this does not happen with Holtec canisters used at the Oyster Creek decommissioning? Will there be monthly inspections as opposed to yearly ones similar to what the Vermont government's office imposed?.

When the pending sale is finalized, when might the PSDAR be available?

Will there be a public hearing on that and when will that happen?

Paul Dressler  
[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)

-----Original Message-----

From: dressler\_p <[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)>

To: mark.marziale <[mark.marziale@nrc.gov](mailto:mark.marziale@nrc.gov)>; Neil.Sheehan <[Neil.Sheehan@nrc.gov](mailto:Neil.Sheehan@nrc.gov)>

Sent: Fri, Jul 20, 2018 11:57 am

Subject: Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Rising Tides issue and Exelon is considering 3rd Party sale

2 comments on the PSDAR July 17, 2018

1) At the Oyster Creek NRC PSDAR Public Meeting Held July 17, 2018 Rising Tides issue was brought up by a number of people and the potential effect of rising seas and Oyster Creek and needs to be addressed in the PSDAR . There is a lot of information out there such as the article shown below.

2) Exelon is considering the sale of the plant and transfer of the decommissioning obligation to a third party contractor. Similarly, another nuclear generation company is in progress to sell the Vermont Yankee nuclear plant and transfer its decommissioning obligation to a contractor. NRC has had to ask Northstar to open their financials for a second time (<https://www.reformer.com/stories/northstar-makes-new-promises-for-vermont-yankee-purchase,540508>) and what about looking at the financials, etc, on Arevo who wants to partner with Northstar should the sale be approved.

Exelon as a technically competent nuclear plant owner operator and financially secure corporation is best able to execute the decommissioning in order to minimize performance and financial risks and protect ratepayers. The sale and transfer would allow Exelon to avoid its decommissioning obligation and benefit financially. In the case of future third party default, the burden of decommissioning and site restoration will fall on ratepayers and hard working New Jersey citizens. Exelon should be held to its responsibility and obligation to decommission the plant.

Look at Exelon's **Zion 1&2** reactors closed down in 1998 and initially in Safstor, a slightly different process is envisaged, considerably accelerating the decommissioning. Exelon has contracted with a specialist company – EnergySolutions – to dismantle the plant, ship the waste to its disposal site in Utah, and return the site to greenfield status. To achieve this, in 2010 the plant's licence and decommissioning funds were transferred to EnergySolutions, which is then the owner and licensee, and the **site will be returned to Exelon about 2020**. Used fuel remains on site until taken to the national repository, and in less than 12 months to January 2015 EnergySolutions had transferred it all to 61 Magnox dry casks onsite.

Paul Dressler

[dressler\\_p@verizon.net](mailto:dressler_p@verizon.net)

**If you wish to comment on the plan but can't make the public meeting, the NRC will accept public comments on the report until Sept. 10. Mail comments to: May Ma, Office of Administration, Mail Stop: TWFN-7-A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.**

By Star-Ledger Editorial Board

[elletters@starledger.com](mailto:elletters@starledger.com)

Here's something to ponder if you have just acquired a 30-year mortgage for a beachfront property in Lavallette, Long Beach, Little Egg Harbor or a few dozen other New Jersey towns: That house is likely to be underwater by the time you pay it off.

No, not in terms of market value – though that also might be true.

That was meant literally: Your seaside citadel is likely to be uninhabitable by 2045 because many waterfront communities along New Jersey's 130 miles of coastline will require that you wade from your driveway to your front door.

That *caveat emptor* comes from the Union of Concerned Scientists, who released another dire report last week that could affect populations in the shore area for generations to come. The UCS has determined that accelerating sea-level rise – driven primarily by climate change – will put more than 62,000 residential properties in our state at risk of chronic flooding over the next 30 years, a collective loss cost of \$26.8 billion.

Only Florida will face more destruction, says the UCS, which used property data from the online real estate company Zillow to assess where the damage from frequent flooding will take place.

But if you live on New Jersey's coast, there is almost no place to hide.



Rising sea levels don't interest candidates | Editorial

Bernie Sanders calls for a carbon tax and the end of fracking. Hillary Clinton warns of skyrocketing insurance rates and supports resilience measures. And nobody wants to talk any of it.

Among the communities that will be "chronically inundated" - that means they'll face tidal flooding at least twice a month - are Ocean City (7,251 homes), Atlantic City (4,438), Toms River (3,600), Long Beach (2,900), and North Wildwood (2,100). But we will also lose more than half of Beach Haven (1,372 homes, or 55 percent) and nearly half of Mantoloking (232, 48 percent) and Bay Head (419, 44 percent).

Few coastal towns are spared, as you can see in the map of high-risk areas shown at [the UCS website](#), and even Little Ferry - up in Bergen County, on the Hackensack River - risks losing 1,289 homes.

And the loss of those 62,209 properties - home to 79,000 people - also means a loss of \$390 million in property taxes.

This is all assuming a one- to two-foot rise in sea level over the next three decades.



### Blunt assessment from climate scientist Robert Kopp: NJ's coastline could disappear quickly | The Star-Ledger

A Q&A with the noted Rutgers climatologist.

Dr. Robert Kopp, the Co-Director of the Coastal Climate Risk and Resilience Initiative at Rutgers and one of our nation's leading experts in sea-level rise, finds none of that surprising.

"The main innovation here is the use of Zillow data: It brings the sea-level rise projections home in a fairly concrete and literal way," Kopp says. "Anyone expecting to treat their mortgage payments as a long-term investment should look at the risk in a clear-eyed fashion."

We ignore that risk at our peril. We already know the sea has risen 2.5 times faster in the last 20 years than it had in the last 8 decades of the 20th century. Kopp and other experts attribute this to thermal expansion caused by rising ocean temperatures, and the melting of land-based polar ice sheets.

So at [current climate trends](#), average sea levels will rise four feet globally by 2100. In that scenario, New Jersey would lose 250,817 homes worth a collective \$107.1 billion.