

From: [Lynn mastroddi](#)
To: [Docket Hearing](#); [Borges Roman](#); [Jennifer](#)
Subject: [External_Sender] Docket NRC-2020-0021
Date: Wednesday, February 12, 2020 3:06:38 PM
Attachments: [0978_001.pdf](#)

Good Afternoon:

I am trying to find out what experience(s) Holtec has had in decommissioning a power plant and could not find **ANY** information on prior experience.

I have gone on their website and found their letter to their employees (& investors?) about their "2019 in Review" and have found that they:

"Began the **implementation** of several **new ambitious initiatives...**", the **first new exciting undertaking is decommissioning of nuclear power plants**'; "our technology **development**" "**Devising** state-of-the-art simulation technologies" "**development** of palliative technologies"

"Our decommissioning org has worked hard to **finalize the Holtec Decom. Fleet Mgmt MODEL...**"

Their 2nd notable enterprise is their **renewed drive to accelerate the establishment of the storage** facility in NM.

Their "**vision**" of below the ground canister storage.

Several innovative cask designs were developed in 2019 which will be tendered for the USNRC's review & approval in 2020

How is this company even being considered? What are their qualifications and experiences.? A response to these questions is requested!

I live one straight mile from the Indian Point Power Point, my sister & her family is 1.4 miles, one brother & his family is 2.3 and the other brother & family is 2.5 miles away.

Thank you for your attention in this matter

----- Forwarded message -----

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Lynn Mastroddi
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2019 in Review

January 2, 2020

We bid a fond goodbye to 2019 which will stand out in our company's annals as a watershed year when we began the implementation of several new ambitious initiatives that will shape our endeavors for decades to come. The first new exciting undertaking is decommissioning of nuclear plants where we now own two reactor units and are on the verge of acquiring four more in the north of the United States. Much of our technology development work in 2019 focused on making decommissioning more palatable to the host communities by the development of ultra-high capacity waste packages to minimize the number of off-site shipments, of the strategies to enable the fuel pool to speedily enter the "cladding fire-free" status and of measures to shrink the facility's security perimeter. Devising state-of-the-art simulation technologies to improve the shuttered plants' protection against accidents and threats, and development of palliative technologies to deal with any anomalous used fuel storage system performance were also important components of our development effort in 2019. Our decommissioning organization has worked hard through the year to finalize the Holtec Decommissioning Fleet Management model that is aimed to set our Decommissioning and Dismantlement Program apart as a paragon of excellence reminiscent of our creed, "*A generation ahead by design.*"

The second notable enterprise is our renewed drive to accelerate the establishment of the HI-STORE Consolidated Interim Storage Facility (CISF) in the high desert of New Mexico that will centralize the nation's inventory of used fuel presently scattered at various sites around the country. Our vision of the below-the-ground canister storage technology, conceived in the wake of the malicious assault of 9/11, is to make used fuel a harmless neighbor to the local communities. This technology will find its ultimate embodiment in the impregnable HI-STORE CISF worthy of the superb safety and security structure expected of a potentially large deployment of up to 10,000 canisters. To make the HI-STORE program even more radiation-safe and operation-friendly, several innovative cask designs were developed in 2019 which will be tendered for the U.S. Nuclear Regulatory Commission's review and approval in 2020.

The third new enterprise is the Company's foray in energy storage for which Holtec has teamed up with EOS, a New Jersey based start-up company, to establish HI-POWER, LLC. The HI-POWER manufacturing plant established in 2019 is poised to begin the delivery of the patented Zynth® technology based aqueous batteries by the hundreds beginning in February 2020. Through HI-POWER, we aspire to make it possible to synchronize the power delivered to the consumers with the contemporaneous demand despite the unsteady power generation from renewables like solar and wind. HI-POWER, in other words, is aimed to play an indispensable role to make renewables a more practically useful component of the energy mix for carbon-conscious nations across the globe.

We are also pleased to report that our SMR-160 small modular reactor development program has been marching forward with completion of phase 1 of the Canadian Vendor Design Review this year, and with the launch of phase 2 in 2020. This regulatory review process, undertaken by the Canadian Nuclear Safety Commission (CNSC) provides a critical over-check of the plant design and operating characteristics to assure their acceptance under IAEA and Canadian regulatory protocols. We should