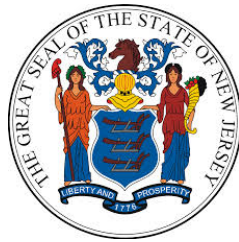


Oyster Creek Safety Advisory Panel

December 2013 Report



Oyster Creek Safety Advisory Panel

NJDEP Commissioner Bob Martin

OHSP Director Ed Dickson

Dr. Adam Cohen, Panel Consultant

The Oyster Creek Nuclear Generating Station (Oyster Creek) began operations in 1969, making it the nation's oldest nuclear reactor. On December 9, 2010, New Jersey negotiated an agreement with Exelon Corporation to shut down the reactor, which diverts large volumes of cooling water from the Barnegat Bay, rather than build a closed-cycle cooling system to reduce impacts to aquatic life. The deadline for shutdown is December 31, 2019, ten years ahead of Oyster Creek's Nuclear Regulatory Commission (NRC) license expiration.

On May 6, 2011, the New Jersey Department of Environmental Protection (DEP) issued Administrative Order No. 2011-06 creating the Oyster Creek Safety Advisory Panel (Panel) to assist DEP with the evaluation of the continued safe operation, decommissioning planning, and cessation of operations at Oyster Creek. The Panel consists of DEP Commissioner Bob Martin, New Jersey Office of Homeland Security and Preparedness Director Ed Dickson, and an independent consultant expert in nuclear safety. On November 23, 2011, Dr. Adam Cohen, a veteran expert on nuclear power and safety issues, was appointed as the independent expert to the Panel. Dr. Cohen is the chief operations officer at the Princeton Plasma Physics Laboratory.

The Panel held their first meeting on December 19, 2011. This initial meeting focused on the Panel mission and goals and set forth an agenda for the upcoming year. Meetings with Exelon and the NRC were determined to be the next logical steps. The Panel met with Exelon management at the Oyster Creek site on April 30, 2012. Topics of discussion during the site visit included the plant operational status, updates from Fukushima as they relate to Oyster Creek, and the progress of the tritium remediation. The Panel concluded the visit with a tour of the Oyster Creek facility. The Panel reconvened on May 31, 2012, to discuss various issues related to the previous meeting with Exelon and plan for a future meeting with the NRC.

On August 23, 2012, the NRC met with the Panel to discuss regulatory updates, the oversight process leading up to the closure of Oyster Creek in 2019, and the decommissioning options and associated timeframes. The next scheduled Panel event was a public meeting in Toms River on November 5, 2012. However, due to the impacts of Superstorm Sandy, the public meeting was postponed until January 7, 2013.

On January 7, 2013, the Panel held a public meeting in Toms River to seek input relating to the continued safe operation and closure of Oyster Creek. A total of fifteen people spoke at the meeting with concerns regarding impacts to Oyster Creek from Superstorm Sandy, spent fuel storage, decommissioning schedule, tritium remediation, and the overall safety of plant operations.

A summary of frequently asked questions over the last year is attached. The summary is broken down into seven categories of questions that have been brought to the Panel's attention.

There are three points in the attached summary related to Superstorm Sandy that are important to highlight:

- The Panel concurs with the findings of NRC and Exelon that there were no impacts to the circulating water pumps, service water pumps, or emergency cooling water pumps, as a result of the storm surge.
- The Panel has confirmed with both the NRC and Exelon that there was no seawater on the site that could affect plant structures, cabling or vaults.
- The Panel is satisfied based upon information provided by NRC and Exelon that no safety concerns exist as a result of Sandy and that the existing Aging Management Program is adequate.

The Panel met most recently on August 2, 2013. The primary focus of this meeting was to set action items for the Panel to address going forward.

The Panel's focus over the next year will include, but not be limited to, the following issues:

- Evaluate changes to the Final Safety Analysis Report when it is updated to address the impacts of Superstorm Sandy.
- Continue discussions with NRC and Exelon concerning implementation of commitments regarding the Aging Management Program to ensure that plant systems and structures are safe.
- Continue discussions with all parties to expedite the movement of spent fuel to dry cask storage in the most prudent timeframe possible.
- Evaluate the Nuclear Review Task Force Report in light of any new information to determine if updates are required.
- Continue strong advocacy toward a long term solution for the disposal of high level radioactive waste.
- Continue to closely monitor and evaluate sample results related to the tritium remediation directed by the DEP.
- Continue discussions with NRC and Exelon concerning implementation of the Post-Fukushima Vent Requirements.

The Panel has evaluated several issues since its initial meeting on December 19, 2011. Those issues ranged widely from Fukushima to Sandy, current and future oversight, and the decommissioning options available in 2019. Based upon information provided by NRC, DEP, and Exelon over this time period, the Panel has verified the safe operation of Oyster Creek. Please be assured as the Panel moves forward it will continue to interact with the NRC and Exelon to ensure any and all credible issues or concerns related to the safe operation and closure of Oyster Creek are investigated.

The following is the implementation schedule for the closure of Oyster Creek on or before December 31, 2019:

Task	Deadline
Exelon shall submit written certification to the USNRC that the Station will cease operations on or before December 31, 2019.	1/8/11 - Completed
Exelon shall certify that the fuel parameters and planning for the 2014 plant outage is based on a five year period of operation.	12/31/13
Reports regarding decommissioning funding assurance shall take into account cessation of operations in 2019.	12/31/14
Exelon shall certify that the Station's five-year outage schedule lists the 2018 outage as the final refueling outage.	12/31/14
Exelon shall certify the Station's output was not bid into the PJM capacity market auction for delivery after 2019.	5/31/16
Exelon shall submit the Post-Shutdown Decommissioning Activities Report (PSDAR) to the USNRC. Note: USNRC deadline for the PSDAR is two years after cessation of operations.	12/31/18

