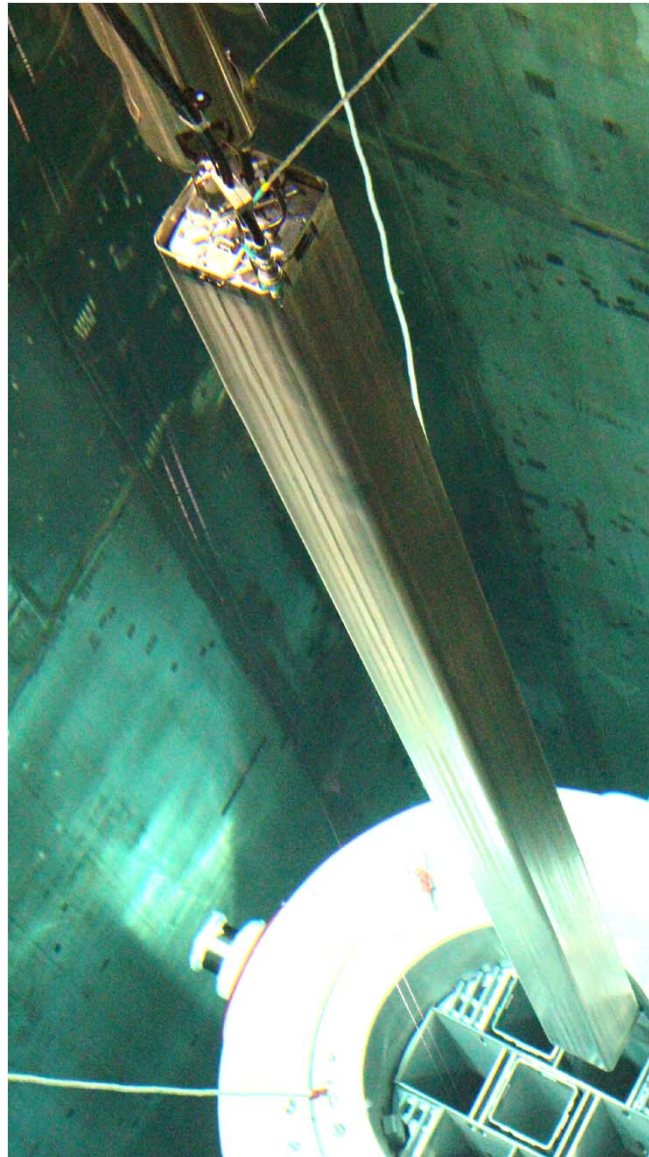


Status of Progress of Fuel Removal from the Fukushima Daiichi Nuclear Power Station Unit 3 (Completion of fuel removal)

< Reference Document >
February 28, 2021
Tokyo Electric Power Company Holdings Inc.
Fukushima Daiichi D&D Engineering Company

- The removal of fuel from the Unit 3 spent fuel pool commenced on April 15, 2019 with the objective of completing it during FY2020 in accordance with the Mid-and-Long-term Roadmap. Today (February 28) at 1:59 PM, at the end of the 84th fuel removal session, the final six fuel assemblies from the spent fuel pool were removed from their transport containers and placed into the fuel rack in the common pool thereby completing this project.
- The removal of fuel from the Unit 3 spent fuel pool consisted of a series of preparatory tasks that were completed one by one, such as the removal of rubble from, and decontamination of, the uppermost floors of the reactor building, the construction of a fuel removal cover, and the installation of a fuel handling machine. Since all of these tasks had to be performed in a high-dose environment, remotely operated equipment was used to remove debris while removing fuel. This was the first time such methods were attempted and there were various problems that had to be overcome. However, TEPCO worked as one with contractors to continuously make improvements that resulted in the safe culmination of this task today.
- The knowledge and lessons learned from this endeavor will be leveraged during the upcoming fuel removal from the Unit 1 and Unit 2 spent fuel pools as we continue to steadily move forward with decommissioning while prioritizing safety.

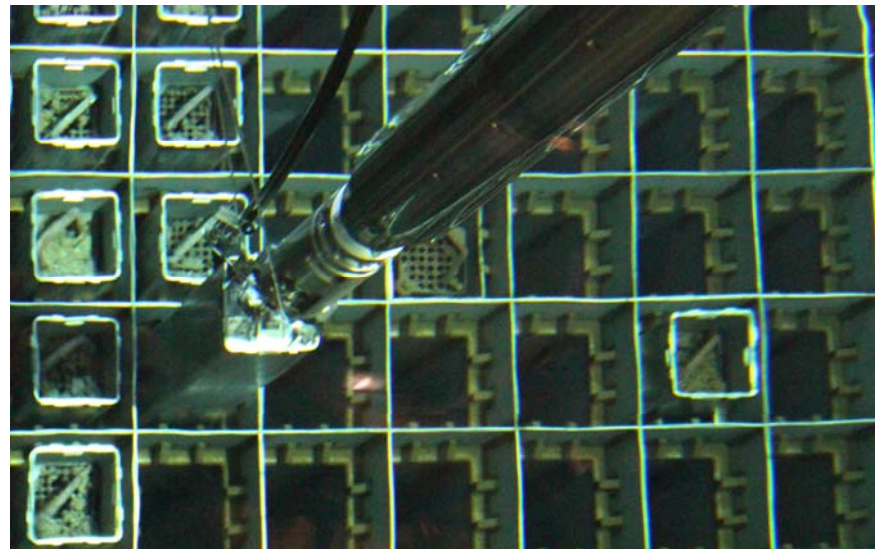
【Work in the common pool】(2/28)



Hoisting from a transport container



Working in the common pool



Insertion into the common pool fuel rack

(Reference) Major tasks implemented to date



2013

October 11: Completion of the removal of large rubble from the uppermost floors of the reactor building

2015

November 21: Completion of the removal of large rubble from inside the spent fuel pools using a crawler crane.

2016

June 10: Completion of the decontamination of the uppermost floors of the reactor building

December 2: Completion of shielding installation on the upper most floors of the reactor building

2017

January 17: Commencement of construction of the fuel removal cover

November 12: Installation of fuel handling machine inside the cover

2018

February 23: Completion of construction of the fuel removal cover

2019

April 15: Commencement of fuel removal

2021

February 28: Completion of fuel removal



Training in the Onahama Port on the installation of a domed roof

