Fukushima Daiichi Nuclear Power Station Unit 2
Progress of Fuel Removal from Spent Fuel Pool

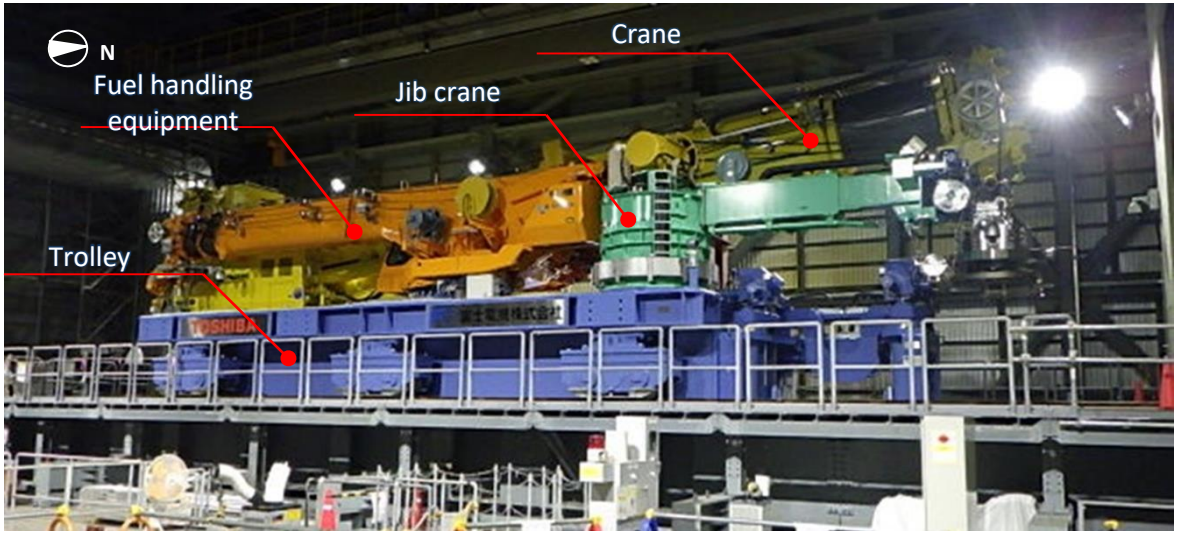
August 28, 2025

TEPCO

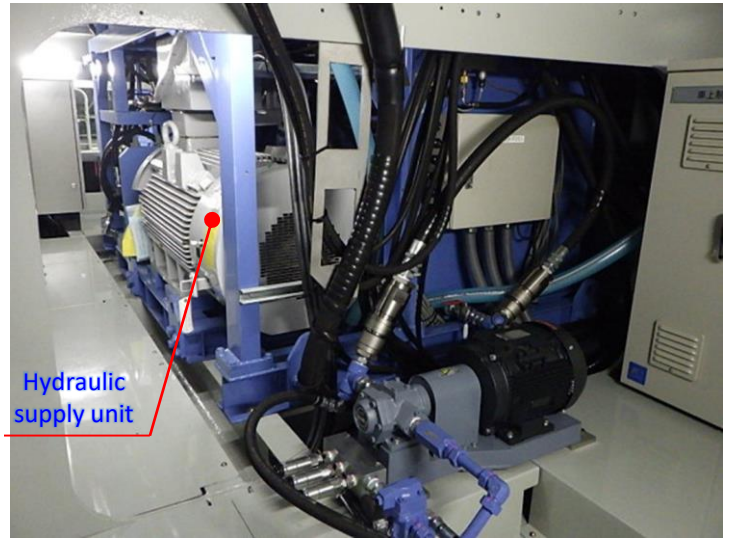
Tokyo Electric Power Company Holdings, Inc.

1. Plan and progress of fuel removal from spent fuel pools, future plans

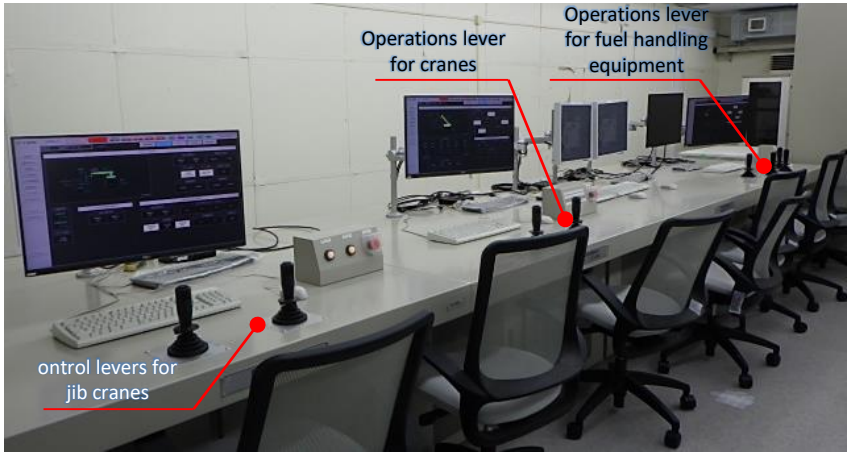
- The fuel handling equipment is currently being installed with the intention of commencing fuel removal in FY2026.
- The fuel handling equipment was connected to a power supply on August 20, 2025. We commenced hydraulic supply unit operation confirmation on August 21.



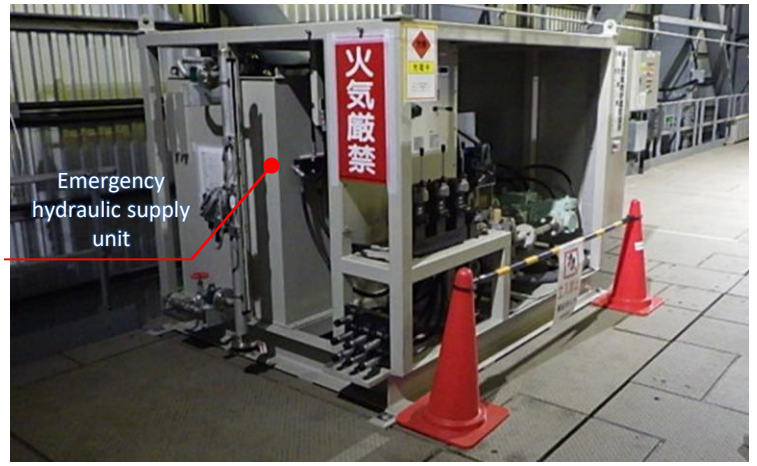
Fuel handling equipment on August 5, 2025



Hydraulic supply unit (inside trolley) on August 5, 2025



Remote operations room preparations on August 8, 2025

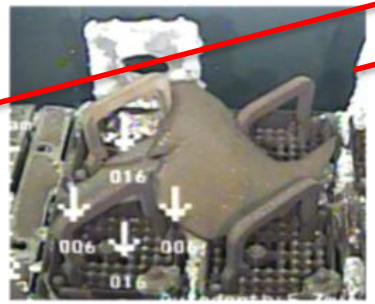


Emergency hydraulic supply unit on August 5, 2025

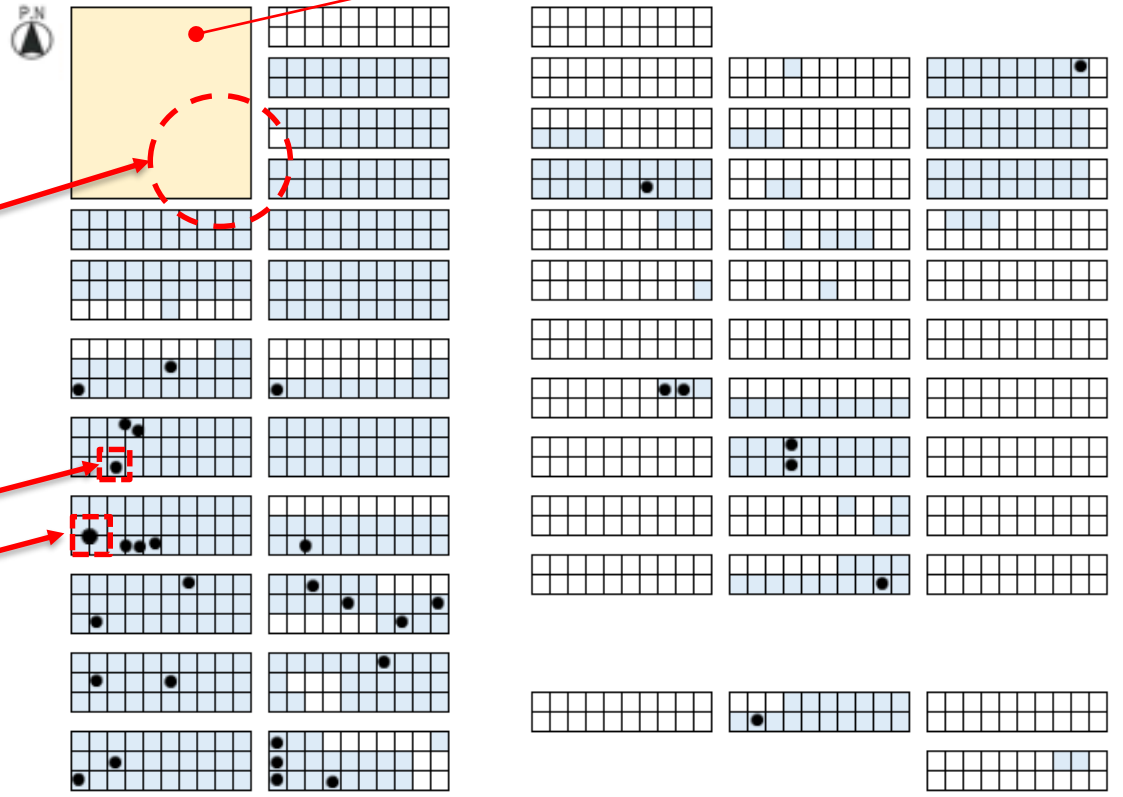
2. Plans for cleaning the bottom of the cask pit and removing tarp fragments from the top of fuel

- In preparation for fuel removal the deposits found on the bottom of the cask pit during the 2020 spent fuel pool investigation will be cleaned around October 2025. In addition, tarp fragments above the fuel will also be removed prior to fuel removal.
- Both tasks will be conducted mockup off-site before working.

Sandy deposits at the bottom of the cask pit



Largest tarp fragment found
- Dimensions: Approx. 200 x 250mm
- Thickness: Approx. 1.5mm



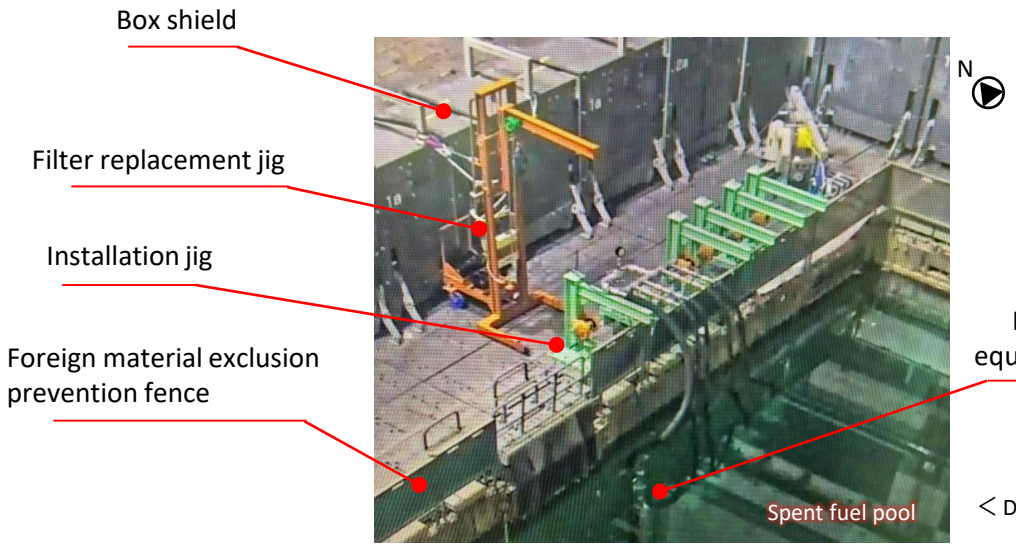
The diagram and photos excerpt from the reference materials (Announced on July 2, 2020).

Conditions inside the Unit 2 spent fuel pool

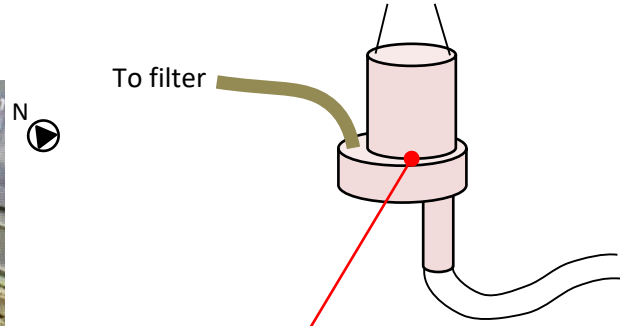
3. Equipment used to clean the bottom of the cask pit and remove tarp fragments from the top of fuel

＜Equipment used to clean the bottom of the cask pit＞

- The purification equipment pump/filter installed in April 2025 will be repurposed to clean the bottom of the cask pit by attaching a hose used to suck in the pool water to a submersible cleaning robot.



Purification equipment on April 22, 2025



＜Device specifications＞
Submersible pump flow: 45m^3/h
Filter performance: 3~5μm

Submersible cleaning robot

＜Equipment specifications＞
Dimensions: Approx. 370×620×340 [mm]
Weight: Approx. 18kg

＜Equipment used to remove the tarp fragments＞

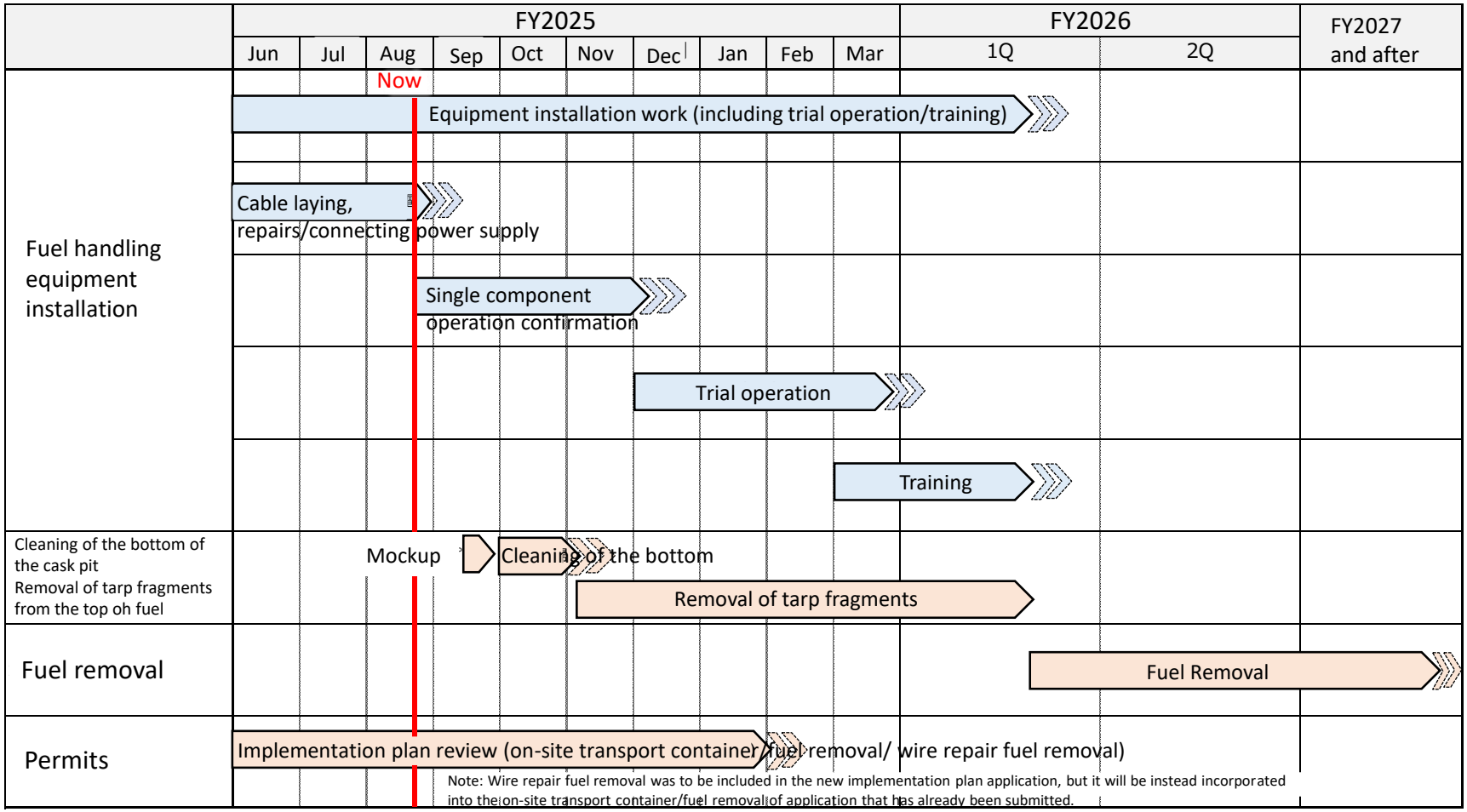
- The arm of a submersible ROV will be used to remove the tarp fragments.

Submersible ROV

＜Device specifications＞
Dimensions: Approx. 480×270×170 [mm]
Weight: Approx. 6kg

4. Schedule

- After confirming hydraulic supply unit function, operation confirmation will be performed on single component of the fuel handling equipment.
- Preparations to clean the bottom of the cask pit are underway.
- Progress is being made according to plan in preparation for the commencement of fuel removal by FY2026.
- We will continue to remain vigilant and prioritize safety.



※Changes may be made in accordance with schedule progress
※The line graph includes preparation/cleanup work periods