

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

July 3, 2025

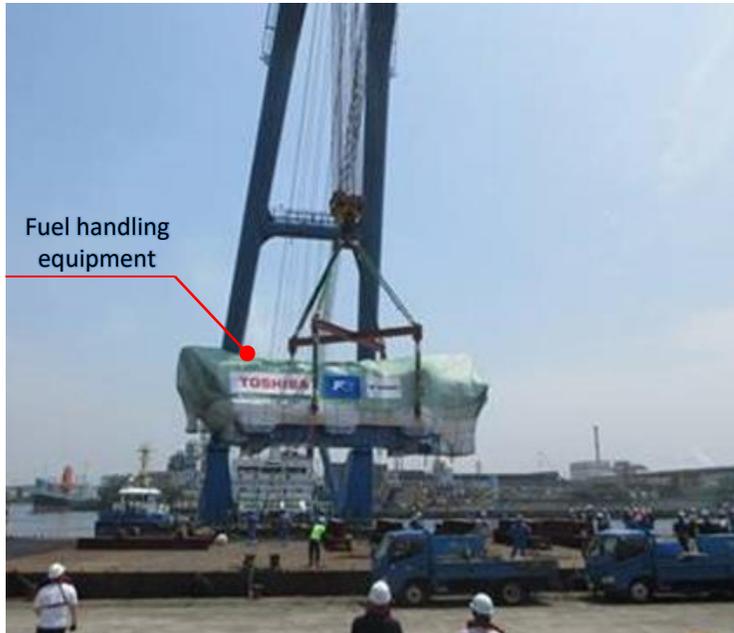


Tokyo Electric Power Company Holdings, Inc.

1. Plan and progress of fuel removal from spent fuel pools

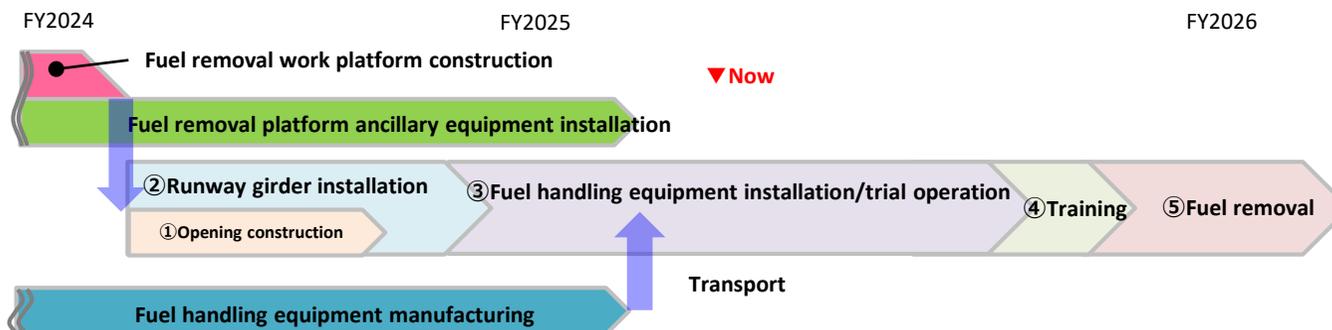
- The fuel handling equipment is currently being installed with the intention of commencing fuel removal in FY2026.
- On May 21, 2025, the fuel handling equipment that will be used to remove fuel from Unit 2 spent fuel pool was shipped from the manufacturer's factory and brought onto the power station site on May 24. The fuel handling equipment was hoisted onto the fuel removal work platform on May 30.

[Reference] Fuel handling equipment (before deployment) size: Approx. 5m (W) x Approx. 6m (H) x Approx. 15m (L) Mass: Approx. 230t



Shipping from the manufacturer's factory on May 21, 2025

Arrival at the power station site on May 24, 2025

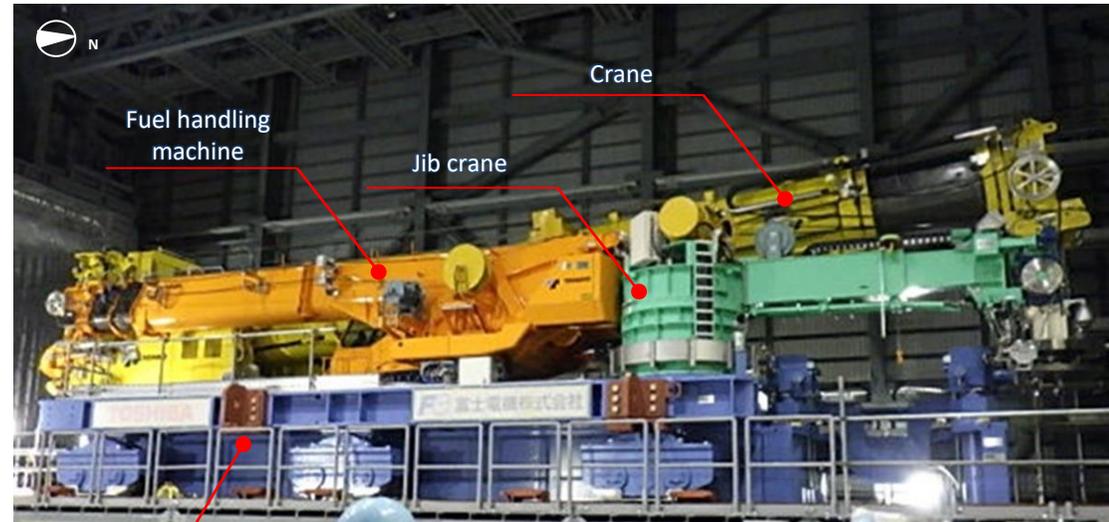


2. Status and future plans of fuel handling equipment installation

- Currently, the power and control cables are being laid out for the fuel handling equipment.
- Going forward, fuel handling equipment power supply and control tests will be performed after which we will move forward with on-site trial operation.



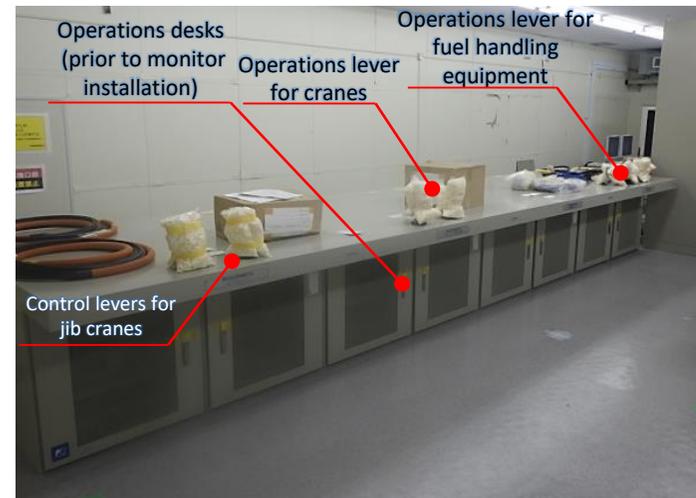
Fuel handling equipment being hoisted (outside) on May 30, 2025



After removal of packaging materials for the fuel handling equipment on June 17, 2025



Fuel handling equipment being hoisted (inside) on May 30, 2025



Remote operations center preparations on June 11, 2025

3. Schedule

- 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.

	FY2024				FY2025												FY2026 and onward
	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
【On-site】 Platform installation	Runway girder installation							Now									
	Opening construction																
【On-site】 Platform ancillary equipment installation	Ancillary equipment installation																
【Off-site】 Platform installation	Runway girder framework assembly																
【Off-site】 Platform ancillary equipment installation	Ancillary equipment assembly																
Fuel handling equipment manufacturing	Equipment manufacturing		Packaging, transport														
【On-site】 Fuel handling equipment installation	Equipment installation work																
Fuel Removal	Purification equipment installation																Fuel Removal
Approval	Implementation plan review (on-site transport container/fuel removal)											Implementation plan review (wire repair fuel removal)					

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

[Reference 1] Fuel removal procedure (1/2)

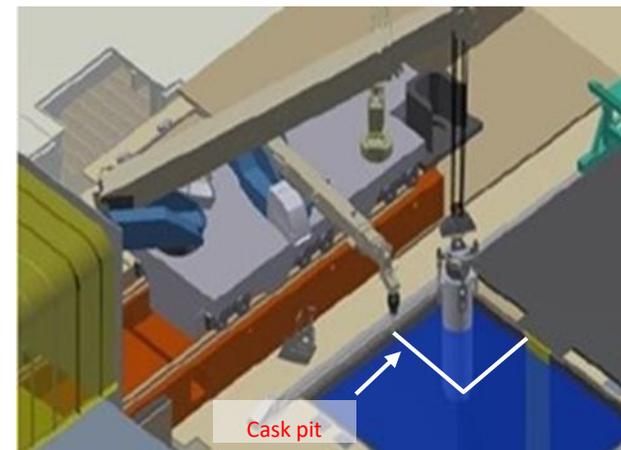
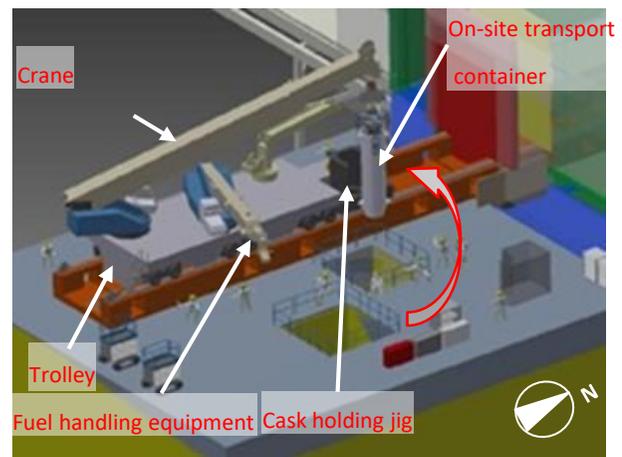
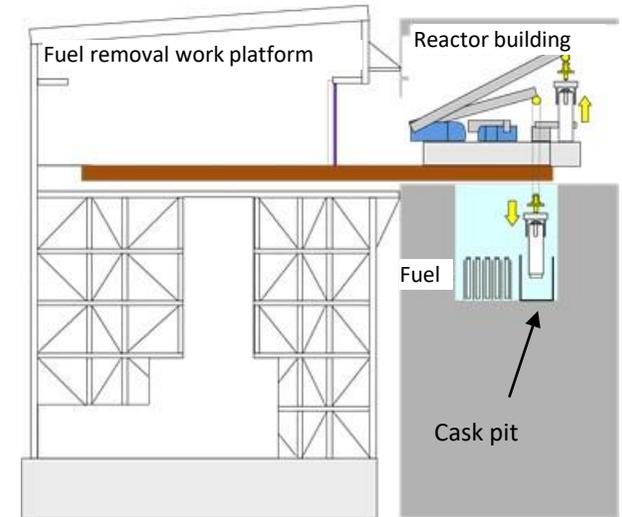
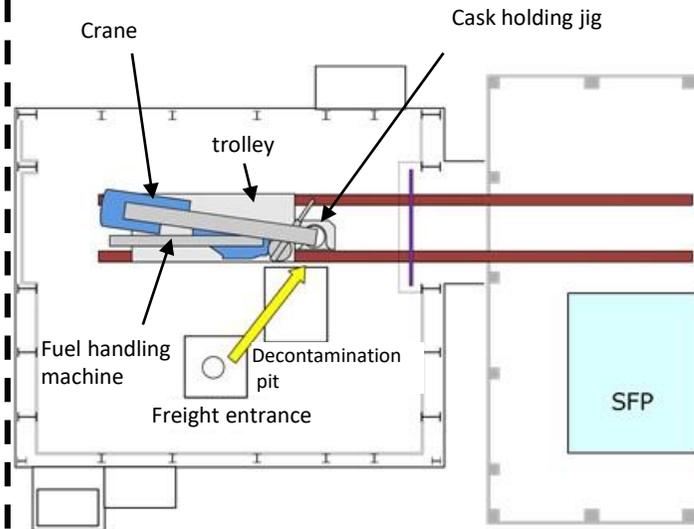
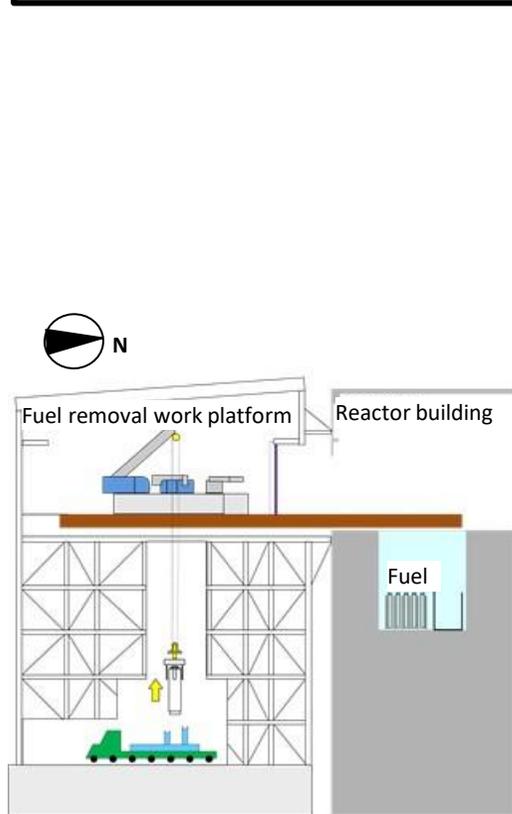
Excerpt from the reference materials (Announced February 25, 2021)
Some names have been revised



① On-site transport container brought on to fuel removal platform

② On-site transport container loaded onto trolley cask holding jig and moved inside the reactor building

③ Crane used to move the on-site transport container into the cask pit



[Reference 1] Fuel removal procedure (2/2)

Excerpt from the reference materials (Announced February 25, 2021)
Some names have been revised



④ Fuel handling machine used to load fuel into the on-site transport container

⑤ On-site transport container containing fuel is loaded onto the trolley holding jig

⑥ The on-site transport container is returned to the fuel removal platform and taken away

