Fukushima Daiichi Nuclear Power Station
Progress of Fuel Removal from Spent Fuel Pools

May 28, 2026

Tokyo Electric Power Company Holdings, Inc.

TEPCO

1. Training status of fuel removal from spent fuel pool at Unit2

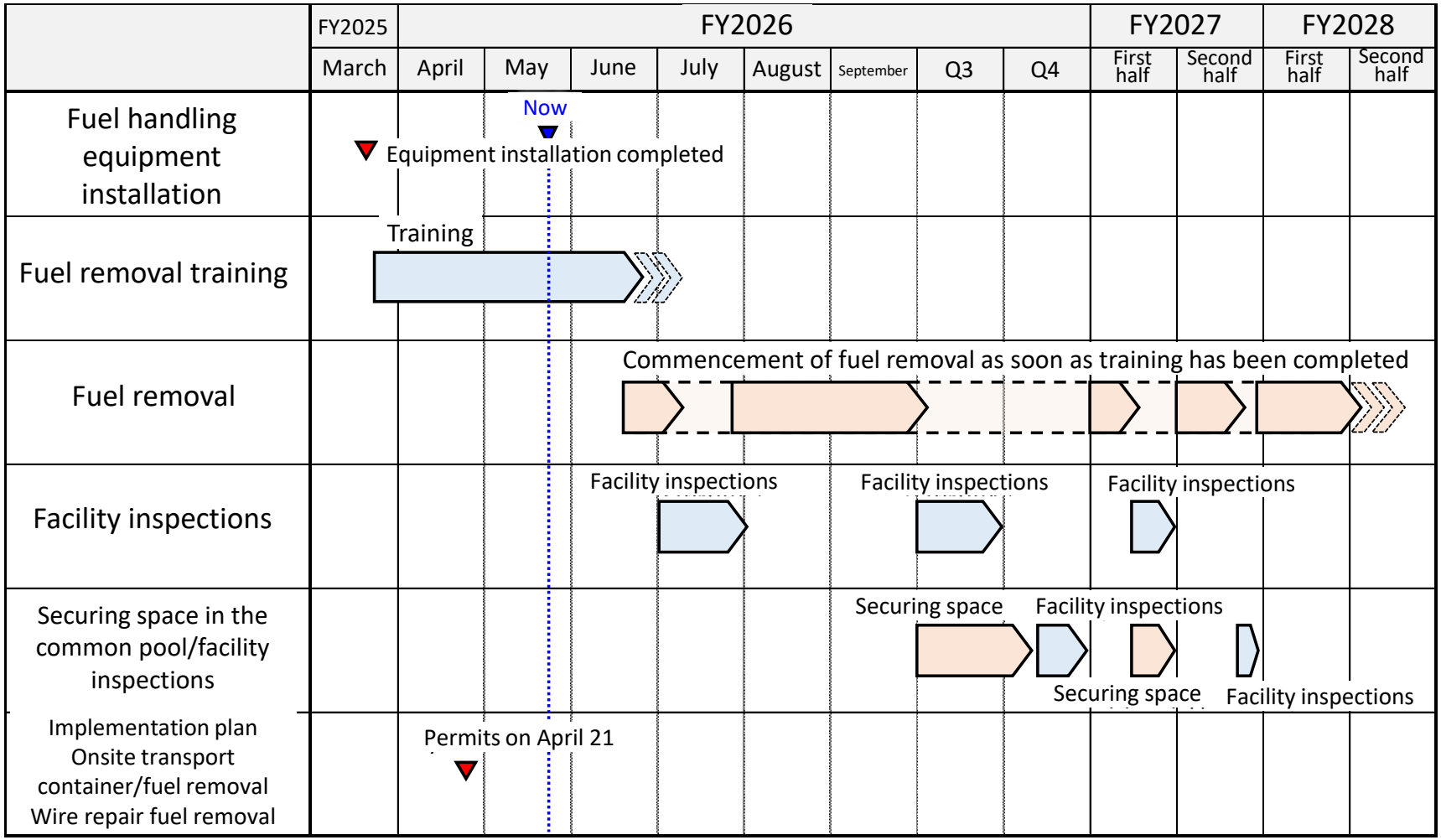
- Since March 25, 2026, we have been conducting training during which the actual fuel handling equipment and onsite transport containers (hereinafter referred to as, “casks”) are used to move simulated fuel in order to repeatedly practice the fuel removal procedure. (① and ⑤ in the chart below have been completed. ②~④ are being repeated)
- The skill of workers improved immediately after the commencement of training and they are now at a point where they can conduct the procedure smoothly.
  - ✓ Remote operations training team structure: Cask handling team (4 people per team x 2 teams), fuel handling team (3 people per team x 3 teams)
- Training is being used to determine whether workers have the skill to be able to complete to the procedure correctly within the allotted time frame and fuel removal will begin as soon as this determination has been made and preparations have been completed.

Hoisting mock fuel in a training exercise
(photographed on May 13, 2026)

Training contents (Refer to page 4 for more details)	
①	Fuel handling equipment operations training （Remote operations, manual operations）
②	Cask handling training at the fuel removal platform (Remote operations, manual operations)
③	Cask handling training on the 5th floor of the reactor building (Remote operations)
④	Moving fuel training on the 5th floor of the reactor building (Remote operations)
⑤	Emergency response training (Remote operations, manual operations)

2. Future schedule for Unit 2 fuel removal

- Unit 2 fuel removal began in June 2026, and although work was suspended to perform facility inspections and make room in the common pool, we aim to complete the task during FY2028
- We will continue to perform this task while prioritizing safety.



※Changes may be made in accordance with schedule progress.
※ The line chart includes preparation and cleanup periods.

3. Removing new fuel from Unit 4

- The new fuel removed from Unit 4 is being stored in the spent fuel pool at Unit 6 and the common pool.
- As with the new fuel from Unit 6 that is already being removed, we are deliberating using the same MX-6 transport containers to ship new fuel from Unit 4 to a factory in the United States. We will continue to make preparations to modify the implementation plan as necessary for shipping.
- Three transport containers will be used for the removal meaning a maximum of 30 fuel assemblies can be moved at one time. We will start with the removal of new fuel being stored in Unit 6.

Breakdown of the 204 new fuel assemblies in Unit 4

Country of manufacture	Number of assemblies	Storage location	Notes
Japan	180	Unit 6 spent fuel pool	The Unit 4 new fuel format is 9x9 (Type B), and the same type as the new fuel in Unit 6 manufactured in the United States that we started removing during the second half of FY2025.
	24	Common pool	

- Total length (including shock absorbing material): Approx. 6.0m
- Outer diameter (including shock absorbing material): Approx. 2.1m
- Weight: Approx. 20 ton
- Fuel storage capacity: 10 assemblies
- Number of containers used: 3

Transport container to be used (MX-6)

[Reference] Unit 2 fuel removal training details

Training contents		
①	Fuel handling equipment operations training （Remote operations, manual operations）	Review of fuel handling equipment specifications, remote operations/handling operations on-site, as well as daily inspection methods.
②	Cask handling training at the fuel removal platform (Remote operations, manual operations)	At the fuel removal platform, Hosting and lowering of the casks to, and from, the transport vehicle, cask decontamination pit and fuel handling (remote operations + manual operations), cask lid opening/closing (manual), decontamination inside the positive pressure enclosure (manual) and the cask decontamination (manual), etc.
③	Cask handling training on the 5th floor of the reactor building (Remote operations)	On the 5th floor of the reactor building, hosting and lowering casks the fuel handling equipment, inserting and removing the cask into the spent fuel pool, cask lid opening/closing and decontaminating the cask by spraying it with water.
④	Moving fuel training on the 5th floor of the reactor building (Remote operations)	On the 5th floor of the reactor building, simulated fuel will be used to practice moving fuel between the fuel pool racks and the cask.
⑤	Emergency response training (Remote operations, manual operations)	Enabling equipment inspections to be conducted on the fuel removal platform off the 5th floor of the reactor building if the fuel handling equipment stops for some reason.

[Reference] Unit 2 fuel removal procedure overview (1/4)

① Casks brought on to fuel removal platform

② Casks are loaded onto the cask fixture jig on the traveling trolley

③ The enclosure is being expanded to prevent the spread of contamination at the fuel removal platform.

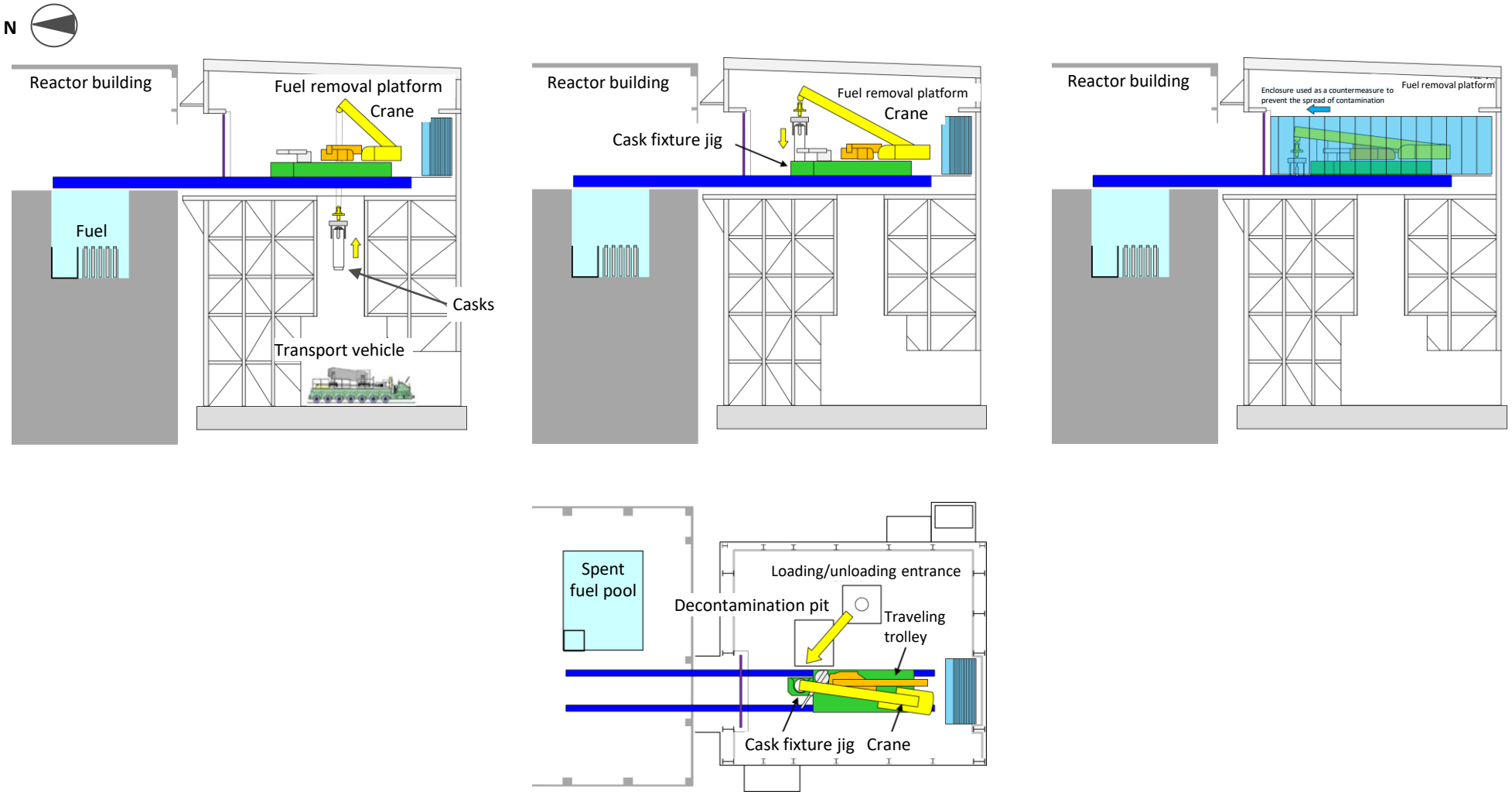


Image of fuel removal (Top: Cross-sectional view, Bottom: Plan view)

[Reference] Unit 2 fuel removal procedure overview (2/4)

④ Fuel handling equipment moved into reactor building

⑤ Crane used to lower the cask into the cask pit

⑥ Cask lid removed with jib crane

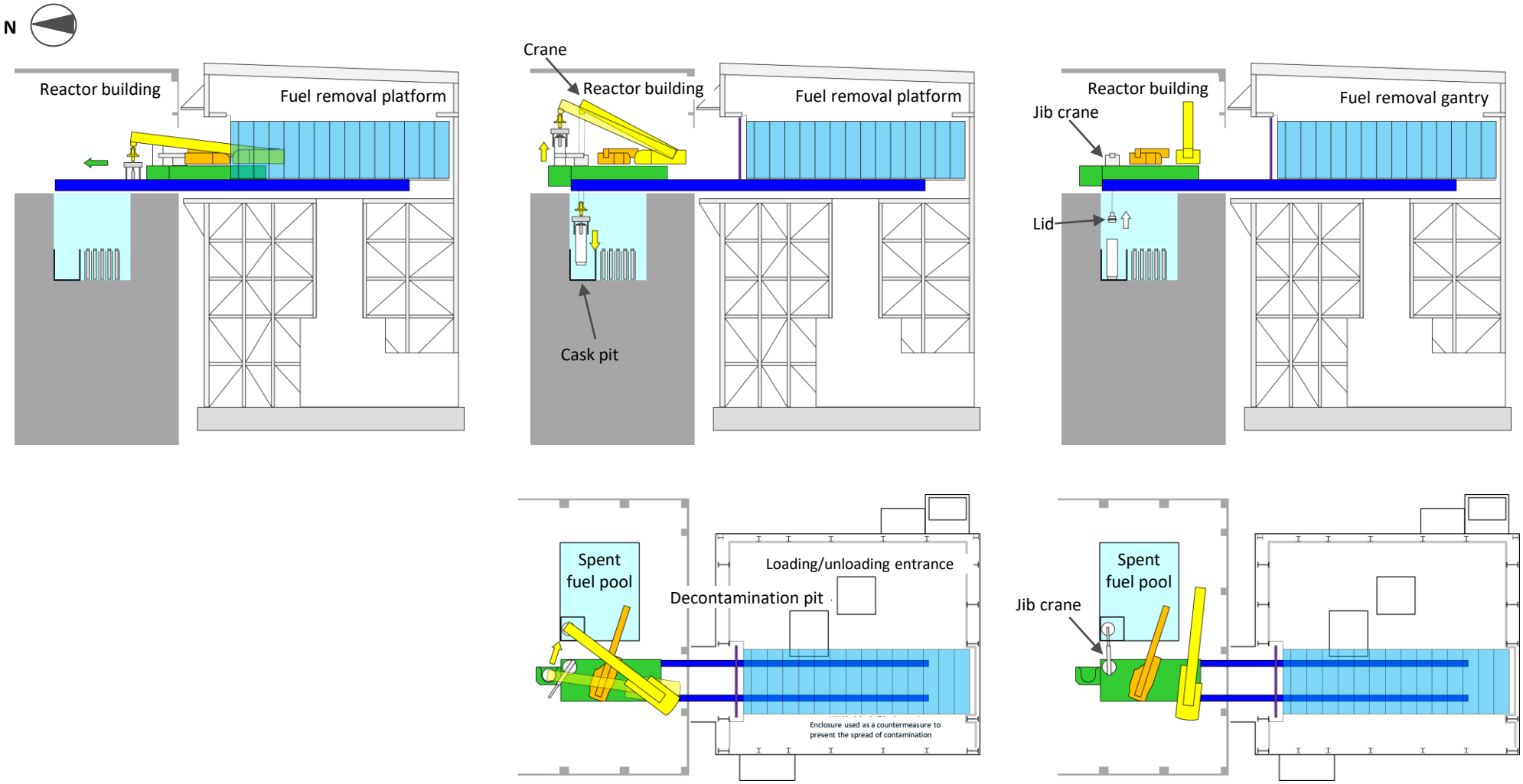


Image of fuel removal (Top: Cross-sectional view, Bottom: Plan view)

[Reference] Unit 2 fuel removal procedure overview (3/4)

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⑦ Fuel handling machine used put fuel in the cask

⑧ Cask lid affixed with jib crane

⑨ Crane used to load the cask onto the cask fixture jig

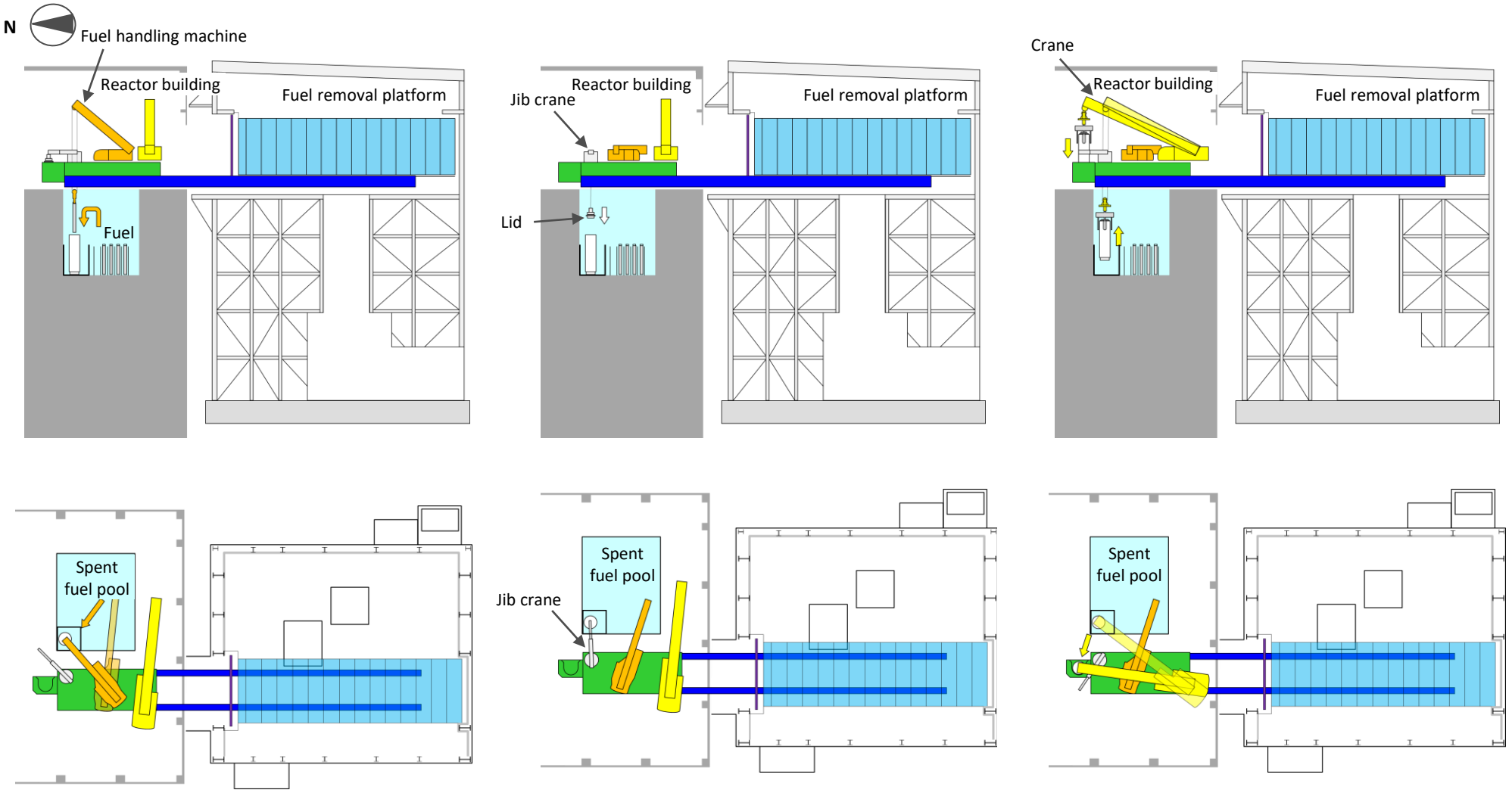

Image of fuel removal (Top: Cross-sectional view, Bottom: Plan view)

[Reference] Unit 2 fuel removal procedure overview (4/4)

⑩ Fuel handling equipment moved back out to the fuel removal platform, checked for contamination and fold up the enclosure to prevent the spread of contamination

⑪ Crane used to move the cask into the decontamination pit where the cask is decontaminated

⑫ The cask is lowered down from fuel removal platform and carried away

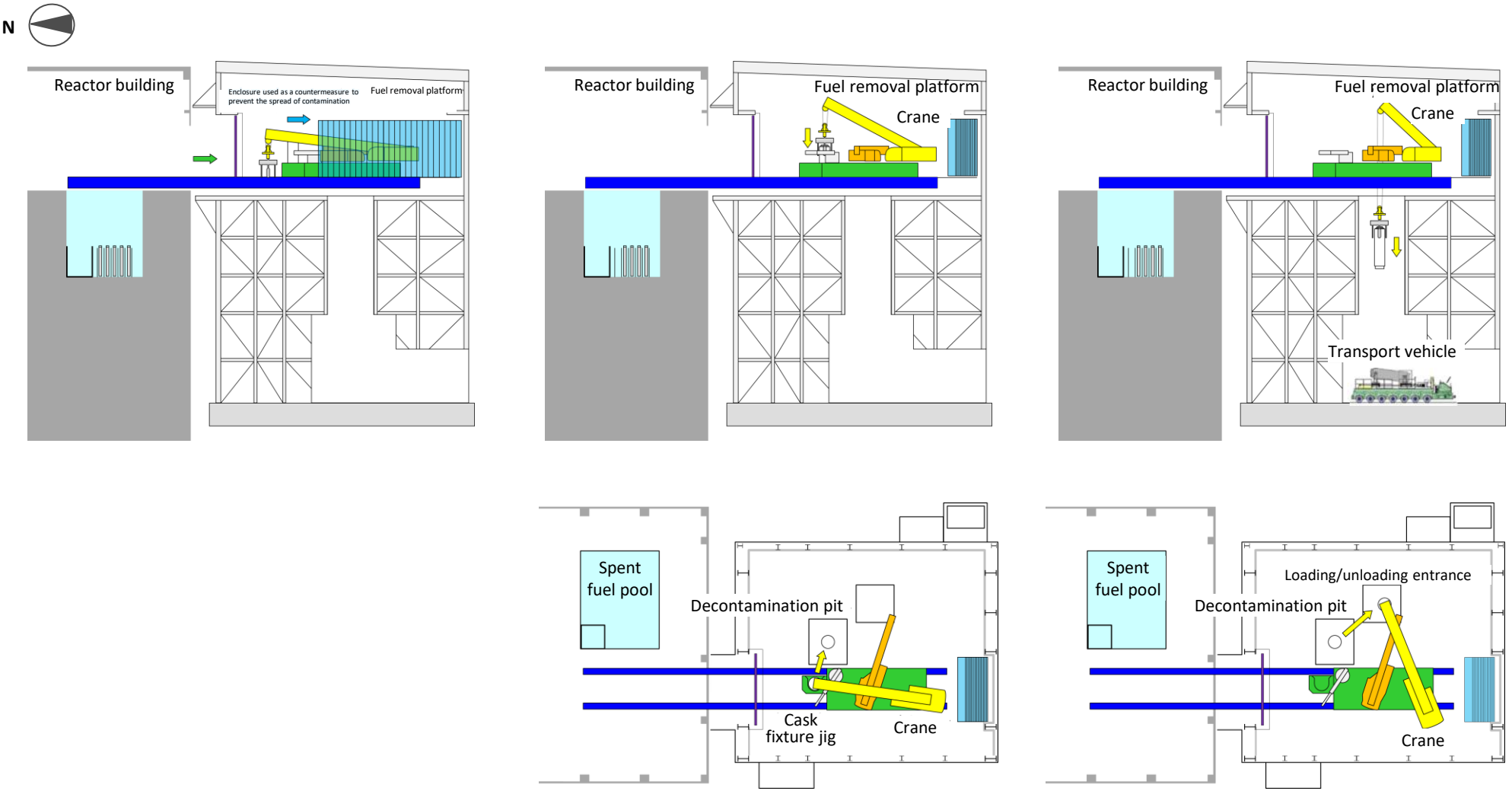

Image of fuel removal (Top: Cross-sectional view, Bottom: Plan view)