

Submersible ROV Operation Training in Preparation for the Unit 2 Spent Fuel Pool Internal Investigation at the Fukushima Daiichi Nuclear Power Station

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<Overview>

- We plan to commence removal of fuel from the Fukushima Daiichi Nuclear Power Station Unit 2 spent fuel pool (hereinafter referred to as, "SFP") between FY2024 and FY2026. However, prior to commencing fuel removal, we must first ascertain whether or not there are any obstructions above the fuel or inside the cask pit, and we must also ascertain the condition of the skimmer surge tank.
- At Unit 2, dose levels on the operating floor are high thereby making it difficult to access so we have yet to conduct an internal investigation of SFP. However, we have made progress with the cleanup of equipment, etc. that remains on the operating floor and it is now possible to access the area near the SFP. We have therefore deemed it possible to safely install investigation equipment and have decided to begin such installation at the beginning of June 2020 with the intention of conducting an internal investigation of the SFP in the middle of June 2020 using a submersible ROV(abbreviation for Remotely operated vehicle).
- Prior to the internal investigation of the SFP, submersible ROV operation training will be held for three days from May 13 through May 15 at the Fukushima robot test field in order to improve the technical skill of TEPCO employees in the operation of the submersible ROV and confirm the investigation procedure in an environment that simulates conditions inside the SFP.
- During this training, trainees will learn basic operation of the submersible ROV and be subject to skill confirmation exams upon which the investigation will be conducted during the middle of June while prioritizing safety.

<Number of submersible ROV operation training participants>

- TEPCO employees: 8 in total
Wednesday, May 13: 3 trainees, Thursday, May 14: 3 trainees
Friday, May 15: 2 trainees
- Training length
Approximately six hours each day



Submersible ROV

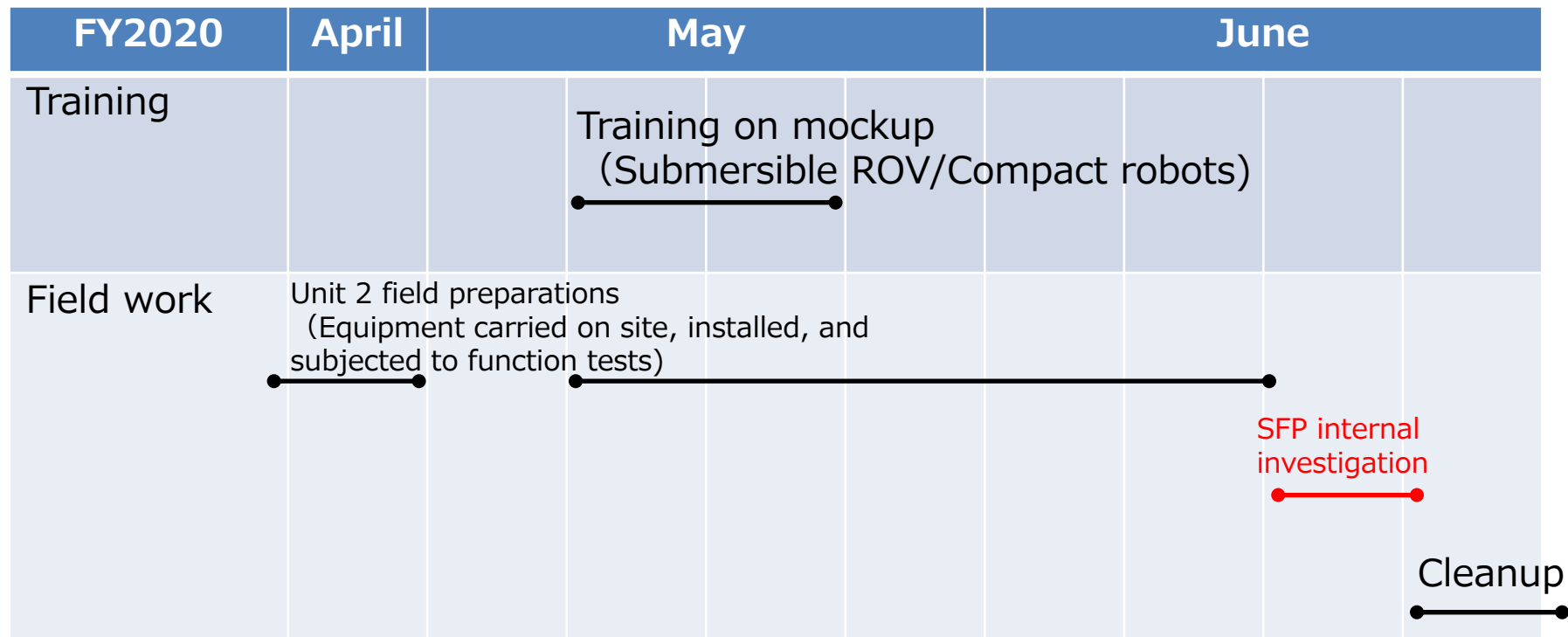


Submersible ROV
running underwater

<Reference> Future schedule

- Beginning at the end of April, investigation equipment will be carried on site, installed, and subjected to function tests. Training on the mockup will begin during the middle of May. (Submersible ROV training will be conducted at the Fukushima robot test field in Minami-Soma City)
- After the preparations mentioned above have concluded, the internal investigation of the SFP will be conducted during the middle of June.
- Fuel removal equipment design shall be revised as necessary based upon the results of the SFP internal investigation.

<1F Unit 2 SFP internal investigation and preparation schedule>



※The schedule above may be altered in accordance with the status of training and field preparations