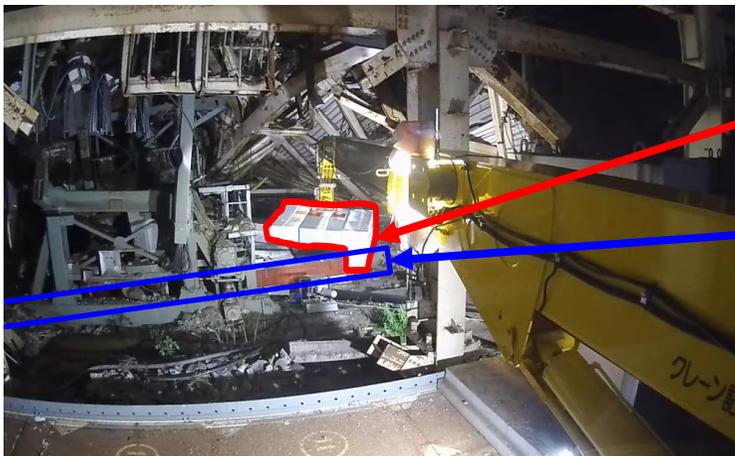
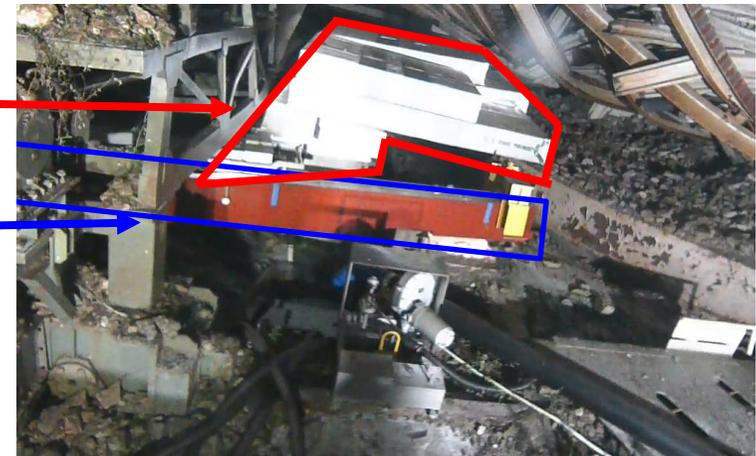


- There is the possibility that the auxiliary hoist※1 for the fuel handling machine (hereinafter referred to as, "FHM") may fall near the spent fuel pool (hereinafter referred to as, "SFP") in conjunction with rubble removal. As of March 2020, the SFP gate※2 cover to protect it from rubble falling near the SFP, and the SFP covering was installed in June 2020.
- There is the risk of damage to the SFP gate if the auxiliary hoist were to fall on top of the SFP gate cover. Therefore, an additional cover was installed over the SFP gate as a countermeasure to protect the SFP gate from being damaged if the auxiliary hoist falls which was commenced on June 26 and completed on June 27.
- We will move forward safely with these tasks so as to not impact the surrounding environment or workers with suitably monitoring dust concentrations.

※1: Hoist used to raise and lower objects. The aforementioned auxiliary hoist is currently wedged in between a section of the fallen roof and the FHM. It is currently in a stable position.
 ※2: Wall that separates the SFP from the reactor well. The SFP gate was installed during plant operation to prevent SFP water from flowing into the reactor well.



Installing an additional cover



Installed an additional cover

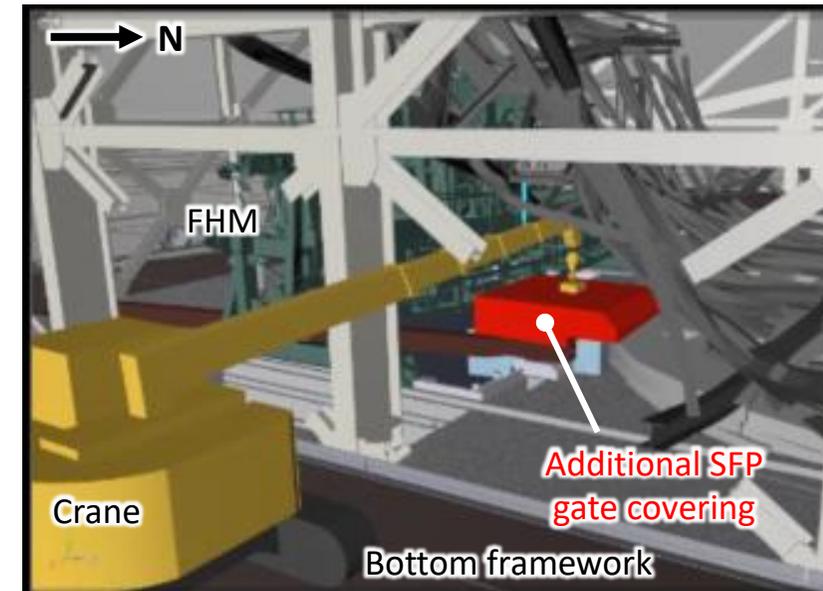
Installing an additional cover over the Unit 1 spent fuel pool gate
 (photographed on June 27, 2025)

Method of installing the additional SFP gate cover

- Polystyrene foam has been chosen as the main material for the additional SFP gate covering because it is light, can be easily fitted to match the shape of objects/rubble in the field, and can absorb/distribute shock. A crane will be installed on east side of the bottom framework of the large cover and used to place polystyrene foam pieces on top of the existing SFP gate cover.
- Element tests (basic performance tests of the covering material using a drop impact test machine) and mockup tests that simulate the mass of various objects and positional relationships have been used to confirm that even if the auxiliary hoist were to fall on top of the covering material to be installed this time, no damage would be incurred for the SFP gate.



Birds eye view



Concept drawing of installation

[Reference] Image of additional SFP gate cover installation

