

Completion of air mortar injection into the Fukushima Daiichi Nuclear Power Station Unit 1 SFP cover bag

<Reference>
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<Overview>

- In preparation for the removal of fuel from the Unit 1 spent fuel pool (hereinafter referred to as, “SFP”), rubble from the upper part of the reactor building is being removed.
- A cover bag has been installed over the SFP to reduce the risk of impacting the integrity of fuel in the event that rubble or other objects were to fall into the SFP during rubble removal work, such as the removal of the ceiling frame. On June 8, we inserted the cover bag into the SFP and spread it over the surface of the water.
- On June 10, we completely inflated the bag with air. On June 11 at 8:34AM, we started to inject air mortar into the cover bag and completed the task at 12:00PM.
- Now that the bag has been filled with air mortar, we will prevent it from moving by anchoring it with fixed spacers which shall reduce the risk of impacting the integrity of stored fuel in the event that rubble falls into the SFP.
- Going forward, we will steadily move forward with rubble removal while prioritizing safety as we aim to begin fuel removal between FY2027 and FY2028.



1. Cover bag being filled with air mortar (Photo taken on May 11)

<Reference>Cover bag installation



2. Hoisting cover bag insertion equipment
(Photo taken on June 7)



3. Inspection of insertion equipment before cover bag insertion
(Photo taken on June 8)



4. SFP after inserting and spreading the cover bag
(Photo taken on June 8)



5. SFP after inflating the cover bag
(Photo taken on June 10)