

Fukushima Daiichi Nuclear Power Station Unit 3 Design Deliberation for Fuel Debris Retrieval Method

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Fukushima Daiichi Decontamination & Decommissioning Engineering Company

In preparation to further enlarge the scope of fuel debris retrieval from Fukushima Daiichi Nuclear Power Station Unit 3, the Nuclear Damage Compensation and Decommissioning Facilitation Corporation (hereinafter referred to as, "NDF") established a "Sub-Committee for the Evaluation of Fuel Debris Retrieval Methods" (hereinafter referred to as, "Sub-Committee") in 2023 for the purpose of comprehensively deliberating/assessing retrieval methods while prioritizing safety. In March 2024, a report^{*1} was compiled which containing recommendations for retrieval method selection by the Sub-Committee.

Tokyo Electric Power Company Holdings, Inc. (hereinafter referred to as, "TEPCO") has been deliberating fuel debris retrieval method designs from Unit 3 based on the contents of the report while taking the suggestions made by Sub-Committee members into consideration upon updating the Sub-Committee on the status of these deliberations approximately.

TEPCO hereby announces that it completed the fuel debris retrieval method deliberations and submitted^{*2} a report to the Sub-Committee, a summary of which can be found in the attachments.

Fuel debris retrieval is an extremely vital task for moving forward with decommissioning not only because it will reduce risk at the Fukushima Daiichi Nuclear Power Station but also because it presents unprecedented technological challenges. TEPCO will proceed difficult tasks for the fuel debris retrieval step by step while prioritizing safety as it aims to finish decommissioning 30~40 years, as laid out in the Mid-and-Long-Term Roadmap, and fully complete the decommissioning of the Fukushima Daiichi Nuclear Power Station.

*1: "Sub-Committee for the Evaluation of Fuel Debris Retrieval Methods Report" released on March 8, 2024

This report compiles assessments of each fuel debris retrieval method and suggestions for fuel debris retrieval method selection in order to further enlarge the scope of fuel debris retrieval from Unit 3.

[\(Reference\) Nuclear Damage Compensation and Decommissioning Facilitation Corporation Sub-Committee for the Evaluation of Fuel Debris Retrieval Methods Report \(in Japanese only\)](#)

*2: TEPCO submitted a report regarding design deliberation for fuel debris retrieval from Unit 3 to the Sub-Committee on July 23, 2025.

Attachments

[Fukushima Daiichi Nuclear Power Station Unit 3 Design Deliberation for Fuel Debris Retrieval Method \(submitted to the Sub-Committee on July 23, 2025\)](#)