

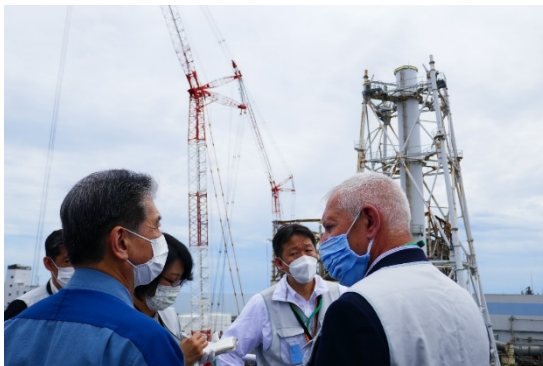
Report Summary from the 5th International Atomic Energy Agency (IAEA) Mission to Review Initiatives to Decommission the Fukushima Daiichi Nuclear Power Station

<Reference materials>

August 27, 2021

Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D & D Engineering
Company

- The report from the 5th International Atomic Energy Agency (IAEA) review mission (June 30-August 27, 2021) was disclosed today (August 27, 2021) by the IEAE and the Japanese government (METI) Report (METI Website)
https://www.meti.go.jp/english/press/2021/0827_001.html
- Previous to this mission, a total of four peer reviews of initiatives to decommission the Fukushima Daiichi Nuclear Power Station have been conducted by the IAEA (2013 (two reviews), 2015, 2018)
- The report disclosed today provides assessments of the decommissioning/contaminated water countermeasures that were deemed to be progressing well by the last mission (2018), and includes **26 acknowledgments** and **23 advisory points**.
- The report and advisory points from the IAEA will be properly reflected in decommissioning initiatives based on guidance from the government.



Review mission by IAEA team (August 2021)

Major points touched on in the report

	Overview
Contaminated water/treated water countermeasures	<ul style="list-style-type: none"> ■ TEPCO is commended for continual efforts to reduce the amount of contaminated water being generated by managing existing contaminated water and implementing countermeasures. ■ We encourage TEPCO to analyze water quantity trends to estimate the amount of ALPS treated water to be generated in the future, and predict the schedule for discharge into the ocean, etc.
Spent fuel removal/fuel debris retrieval	<ul style="list-style-type: none"> ■ TEPCO is commended for its stepped approach to removing spent fuel (low risk → high risk), and for leveraging the knowledge it has gained through the removal of fuel from Unit 3 for removing fuel at Units 1 and 2. ■ We suggest that TEPCO continue to deliberate technologies and its approach to removing damaged fuel, which is difficult to handle. ■ TEPCO is commended for its fuel debris retrieval initiatives, but we would like to stress the importance of focusing on treatment that is predicted to be necessary in the future, conducting a comprehensive attribute analysis of fuel debris, and having a strategic design for the future that covers everything from the initial storage to disposal.
Radioactive waste management	<ul style="list-style-type: none"> ■ We commend TEPCO for its technical approach to managing secondary waste generated through the treatment of contaminated water, and its waste management plan that looks to the end of 2032. ■ Since further waste may be generated in the future, we encourage TEPCO to identify additional storage locations and further strengthen the traceability and attribute assessment of waste packages.
Regional symbiosis/communication	<ul style="list-style-type: none"> ■ We commend TEPCO for proactively working with local government and its programs to support the development of a regional supply chain with the help of local companies.