

Revision of the Mid-and-Long-Term Roadmap

June 25, 2015

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Main point of revision of the Mid-and-Long-Term Roadmap

1. Give priority to Risk Reduction

Focus on Speed

Contaminated water management,
Fuel removal from SFP

Fuel debris removal

Solid radioactive wastes, Secondary waste
generated from contaminated water treatment



Focus on
Risk Reduction

Give priority sequence to actions in order to
certainly reduce risks in a long-term, not
only to focus on speed



Deal with as soon as possible



Deal with safely, surely and carefully with adequate
preparation



Deal with in a long-term

2. Clarifying Milestones



Clarifying Milestones in a few years, taking
stakeholder's opinions into account

3. Strengthen confidential relationship with the local stakeholders by maximizing disclosure, etc.

Establishment of Fukushima Council for
stakeholder communication (February, 2014)



Further enhanced communication

(International Forum on Strategy for the Decommissioning of F1, etc.)

4. Further reduction in workers' exposure dose, Enhancement of Organization for Industrial Safety and Health Management

5. Reinforcement of Nuclear Damage Compensation and Decommissioning Facilitation Corporation (NDF), as the Control Tower of technical strategy for decommissioning

Foundation of NDF (August, 2014)



Total management of R&D,
Association with wisdom from all over the world

Clarification of Milestones

■ Clarify the short-term targets (green) for higher priority measures, while keeping the general framework (blue)

Overall	Completion of decommissioning	30 – 40 years
Contaminated water management	Completion of treatment of stagnant water in buildings	2020
Removing	Additional effective dose rate at the site boundary < 1 mSv/y	FY2015
Isolating	Start of preparation to determine long-term management of ALPS-treated water	First half of FY2016
Preventing leakage	Control inflow of groundwater into the buildings < 100 m ³ /day	FY2016
Stagnant water treatment	Storage of all the water generated by treatment of highly contaminated water in welded-joint tanks	early FY2016
	Reduction of radioactive materials in stagnant water in the buildings by half	FY2018
NEW		
Retrieval of spent fuel	Decision on methods for the treatment and storage of spent fuel	around 2020
	Start of spent fuel retrieval at Unit-1	Second half of FY2017 → FY2020
	Start of spent fuel retrieval at Unit-2	First half of FY2020 → FY2020
	Start of spent fuel retrieval at Unit-3	First half of FY2015 → FY2017
<p>※The changes in milestones for SF removal are mainly due to “Measures for Safety and Securing more”, including measures for preventing dust dispersion or reduction of workers’ exposure dose, etc. Best efforts to avoid delay due to “troubles” or “delay in decision” should be made hereafter.</p>		
Retrieval of fuel debris	Policy on fuel debris retrieval from each Unit	around 2 years from now
	Decision on the method for fuel debris retrieval from the 1st implementing Unit	First half of FY2018
	Start of fuel debris retrieval from the 1st implementing Unit	2021
Radioactive waste	Establishment of basic concept of processing/disposal for solid radioactive wastes	FY2017