

Commitment of Fukushima Daiichi D & D Engineering Company

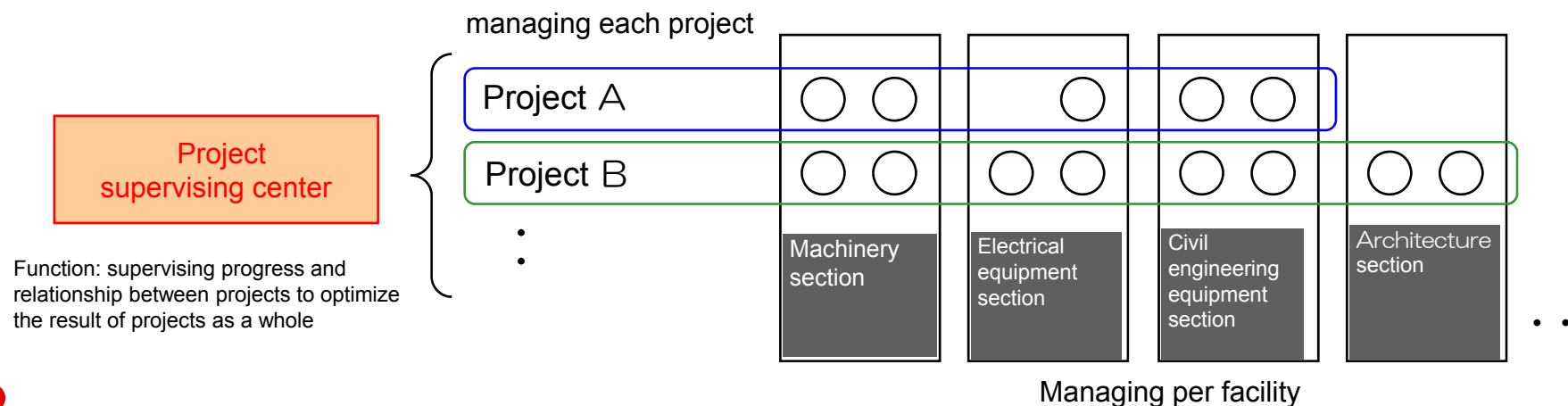
July 10, 2014

Tokyo Electric Power Company

Fukushima Daiichi D & D Engineering Company

1-1. Enhancement of Project Management

- To address various challenges of the decommissioning work in a flexible manner, issues are reviewed under individual project teams.
- Not only will each facility be managed by specific expertise, but also will be integrated and managed by each project team swiftly and cross-sectionally.
- We set up 15 projects on 5 fields (treatment of contaminated water, fuel removal from spent fuel pool, cooling and removal of fuel debris, waste management, and infrastructure maintenance).
- Project manager appointed by every project schedules specific operation and manages the project to the last.
- “Project Supervising Center”, which supervises progress and cooperation between projects. With it we are able to optimize the result of projects as a whole.



1-2. Projects

field	name of project
Contaminated water treatment	Project for surveying contamination area
	Project for fundamental water measures
	Project for managing / installing tanks
	Project for managing / installing tank management facilities
	Project for treating water
Fuel removal from spent fuel pool	Project for stopping water leakage
	Project for removing fuel from Unit 1 spent fuel pool
	Project for removing fuel from Unit 2 spent fuel pool
	Project for removing fuel from Unit 3 spent fuel pool
Reactor cooling/ Survey inside PCV/ Fuel debris removal	Project for removing fuel from Unit 4 spent fuel pool
	Project for removing fuel debris
Waste management	Project for cooling the reactor
	Project for reviewing overall policy of waste management
Infrastructure development	Project for waste management implementation
	Project for infrastructure development

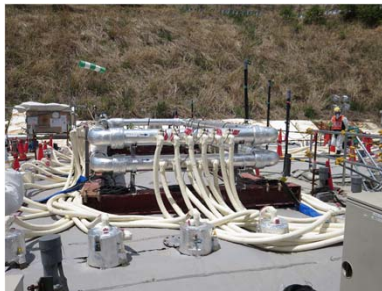
- Three vice-presidents invited from outside are controlling management conditions of each project making use of their abundant expertise and experience.
- Project management meetings are held regularly, where schedules, progress, and results including inter-project issues are reviewed.
- Progress of each project is reported to the administrators of Fukushima Daiichi D & D Engineering Company and is given instruction and approval in project management meetings.
- Projects are launched / dismissed according to the rising / dissolving of issues.

1-3. Examples of each project

- Under the projects, such works are progressing as building the Frozen Soil Wall (Ice Wall), or waterproofing the ground at tank areas, or paving the revetment areas.
- The project management enables unified control over various works for decommissioning which are carried out in parallel.
- Issues are shared with the administrators via regular project management meetings. Accordingly, various solution proposals are presented by administrators and each department.

■ Project for fundamental water measures (building frozen soil wall)

Demonstration



Installing freezing pipes



■ Project for infrastructure (Facing of revetment area)

Sea-side between unit 3 and 4 before operation



after operation



■ Project for managing / installing tank management facilities (constructing work for waterproofing ground at tank areas)

E area before operation



after operation



H4 area before operation



after operation



2-1. Examples of working condition improvements

[New office building]

- Structure : Steel-frame building, 2 stories
- Floor space : app. 14,500m²
- Capacity : app. 1,000 persons
- Date of completion :
Term I: end of June, 2014
Term II: end of September, 2014
(plan)



completion image

[Temporary rest facility outside the site]

- Capacity : app. 1,000 persons
- Floor space : app 1,000m²×2 buildings
- Start of operation : April, 2014



[Fukushima meal supply center]

- Location : Aza-Minamidaira, Ohaza-Ohgawara, Ohkuma-machi, Futaba-gun, Fukushima Pref.
- Structure type : Steel-frame building, 2 stories
- Floor space : app. 3,500m²
- Supply capacity : app. 3,000 meals
- Date of completion : End of FY2014 (plan)



Completion image

2-2. Examples of working condition improvements

<Employment situation on optional contract>

- To make steady progress of decommissioning over a span of 40 years, it is important to set a proper working condition for the local companies and cooperative companies to be able to work in a long-term span.
- In addition to physical environment, to secure employment in the long run, optional contracts are aggressively introduced. This enables systematic distribution and staff training.
- Currently, 90 % of the contracts at Fukushima Daiichi are optional contracts.
- We are reviewing shape of contracts such as tie-in work of high and low dose rate together.