

Metal casks Storage Schedule of Recyclable Fuel Storage Center in Mutsu

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Abstract

1. Overview

Recyclable-Fuel Storage Company (RFS) was established with the joint capital investment of Tokyo Electric Power Company and the Japan Atomic Power Company for the purpose of storing and managing recyclable fuel generated from the two companies' nuclear power stations.

In March 22, 2007, RFS applied for permission of spent fuel storage operation for the "Recyclable Fuel Storage Center" submitted to Minister of Economy Trade and Industry (METI), and permitted in May 13 2010.

Then RFS submitted application for approval of design and construction methods to METI, and approved in August 27, 2010.

So RFS commenced construction work for spent fuel storage facility. Figure 1 shows the status of construction.



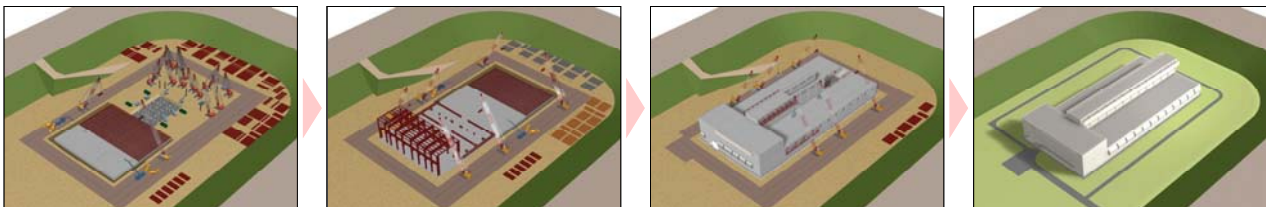
Fig.1 status of construction
(Shooting date: September 10, 2010)

2. Metal casks storage schedule

It is scheduled that manufacturing a recyclable fuel storage building construction work and a metal casks is advanced, and commencement of commercial operation in July, 2012 in the future.

Figure 2 shows construction plan of recyclable fuel storage building.

After the commencement of commercial operation, it is scheduled that recyclable fuel of approx. 200-300 ton-U will be carried in each year in about four shipments (Max. 8casks / one Shipment). The storage building capacity is 3,000 ton-U, so 288 metal casks are scheduled to be carried spending 10~15year.



Around the winter of 2010

Around the spring of 2011

Around the summer of 2011

Rendering

	FY2010	FY2011	FY2012
Principal process	▼ Commencement of construction work in August 2010		▼ Commencement of operation in July 2012
Piling work	Approx. 4 months		
Based mat construction		Approx. 6 months	
Shed construction		Approx. 16 months	

Fig2. Construction plan of recyclable fuel storage building