

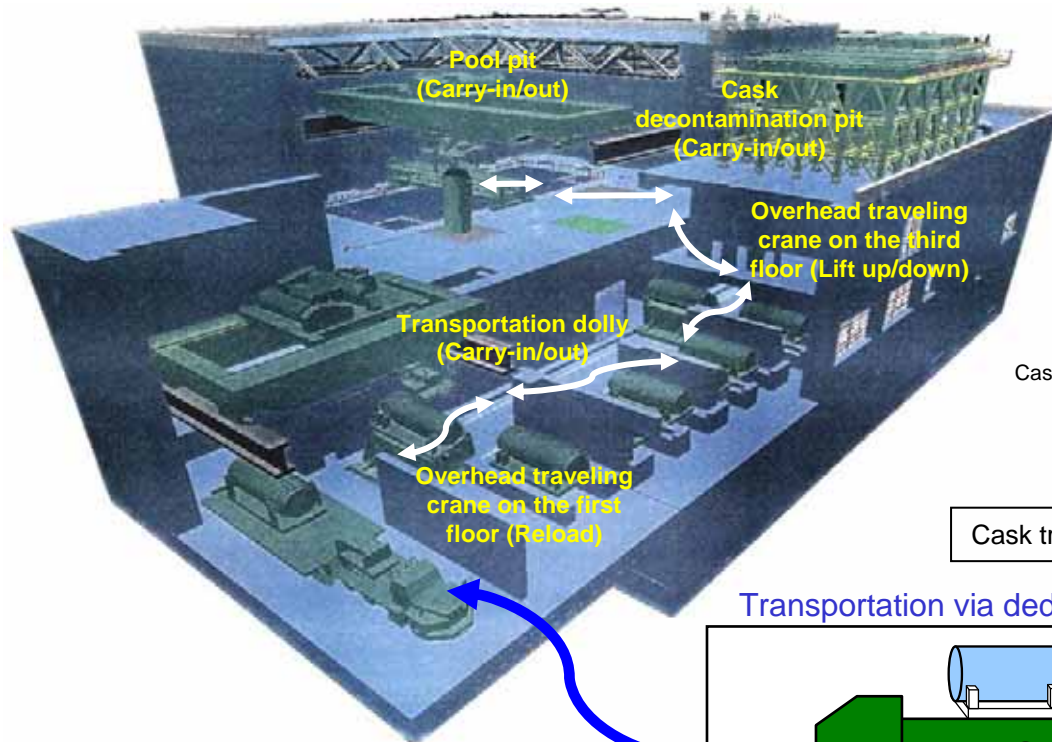
# **Transportation of Dry Storage Cask from the Cask Storage Building to the Common Pool Building at Fukushima Daiichi Nuclear Power Station**

**March 21, 2013**  
**Tokyo Electric Power Company**

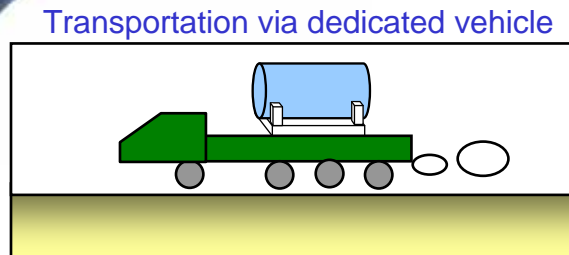
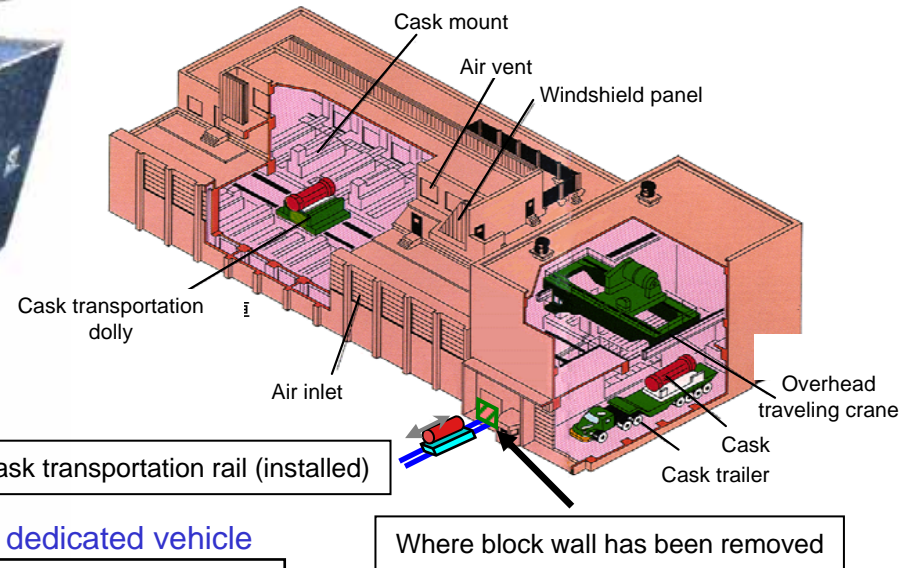
# Transportation of 1 out of 9 Existing Dry Storage Casks to the Common Pool

Today (March 21), one out of nine dry storage casks stored in the Cask Storage Building at Fukushima Daiichi Nuclear Power Station has been transported to the Common Pool Building.

## Common pool



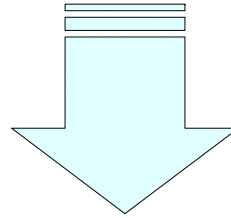
## Cask storage Building



# Inspection of Dry Storage Cask

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The dry storage cask which was transported to the Common Pool Building will be inspected and parts will be replaced as necessary. As for the first cask to be inspected, appearance inspection of the stored fuel will be performed as a representative sample.



The inspection results are to be announced.

# Overview of the Future Inspection of Dry Storage Casks

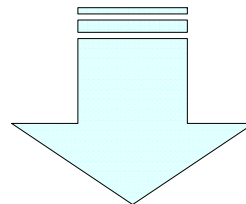
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Soundness inspection will be performed on the dry storage casks to be carried out of the Cask Storage Building as follows once they are transported to the Common Pool Building.

1. The casks will be inspected and parts will be replaced as necessary.
2. The soundness of the cladding tube of the stored fuels will be inspected by performing gas sampling in the cask. (Krypton gas is detected if the cladding tube is damaged.)

In the case that krypton gas is detected, all the stored fuels will be taken out and moved to the common pool and other fuels stored in the common pool will be loaded in the cask instead.

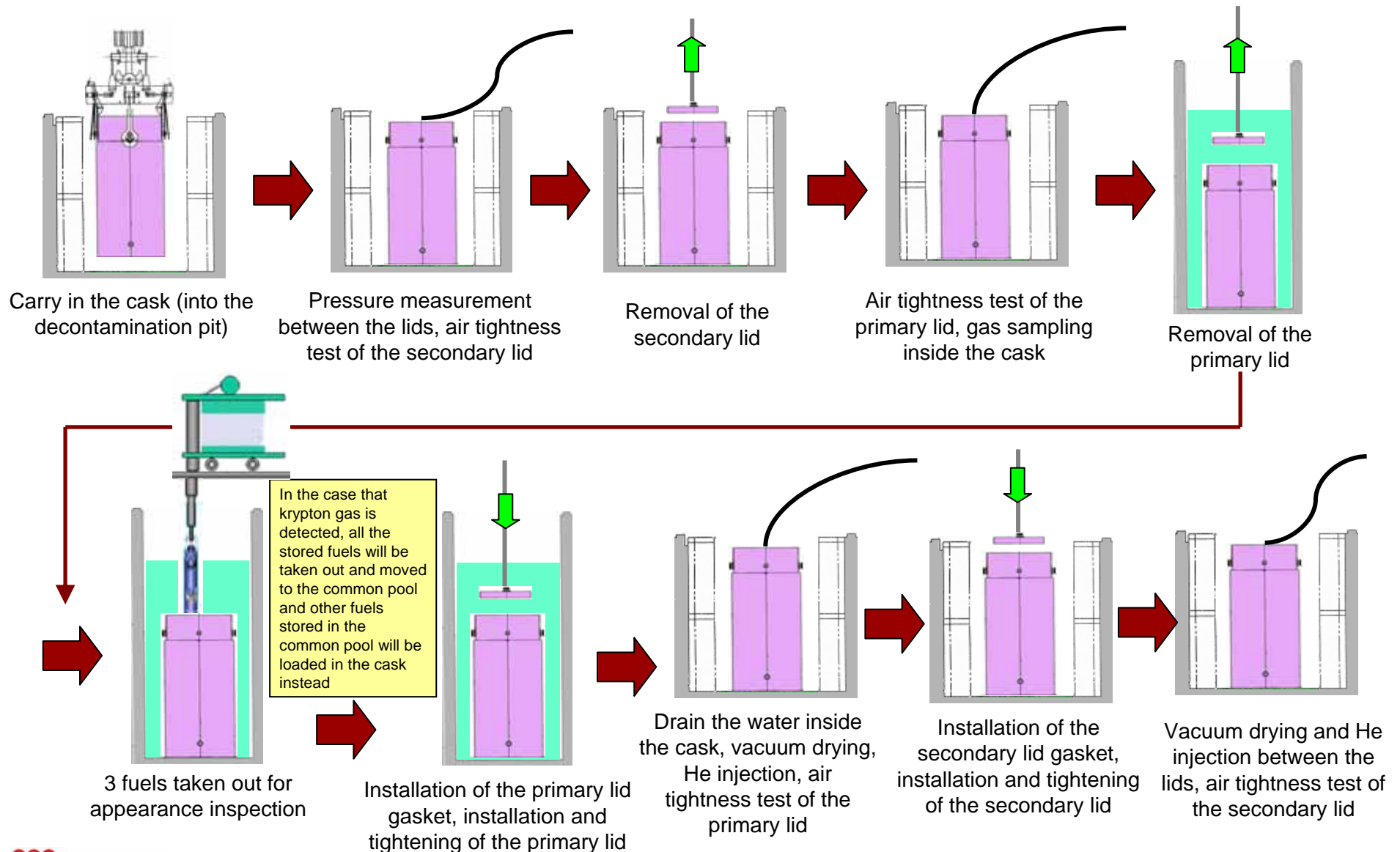
3. Today, 3 fuels stored in the cask (one out of nine casks which was transported to the common pool) will be taken out for appearance inspection.



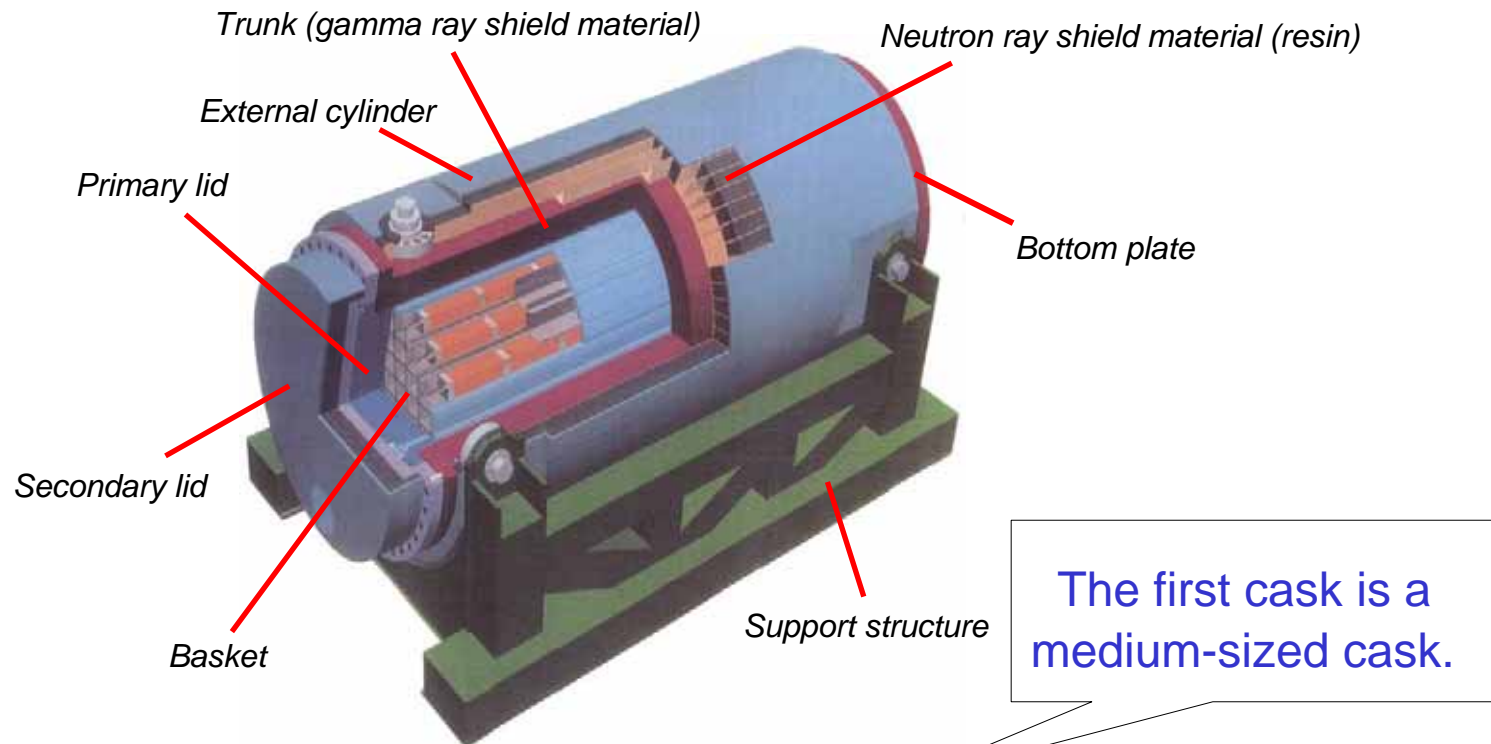
Based on the inspection results, the dry storage casks for which safety (in terms of residual heat removal, shielding, sealing and criticality prevention) is confirmed will be stored in the Temporary Cask Storage Facility.

# Inspection of the Dry Storage Cask (Transported Today) in the Common Pool

## Flow of inspection of the first cask (in the common pool)



# Specification of Dry Storage Cask



	Medium (4)	Large (5)
Outer diameter	2.2m	2.4m
Total length	5.6m	5.6m
Total weight (including fuels stored)	96 tons	115 tons
Number of stored fuels	37	52