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Transportation of a Dry Storage Cask from the Common Pool Building to the Temporary Dry Cask Storage Facility in Fukushima Daiichi Nuclear Power Station

April 4, 2013 Tokyo Electric Power Company



Transportation of a Dry Storage Cask to the Temporary Dry Cask Storage Facility

Today (April 4), a dry storage cask inspected in the Common Pool Building has been transported to the Temporary Cask Storage Facility in Fukushima Daiichi Nuclear Power Station.



Cask Transportation via a Trailer



Cask being carried out of the Common Pool Building Cask being transported

Photos taken on April 4, 2013 by TEPCO





Dry Storage Cask Installation in the Concrete Module





Dry Storage Cask Transported to the Temporary Cask Storage Facility Today



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







Overview of the Temporary Dry Cask Storage Facility

- Number of casks stored: 50 (Space secured for additional 15 casks)
- Each cask is covered by a concrete module which functions as a storage cover.
- Basic structure: The foundation has been built on an improved ground.
- The support frame is fixed by fixing bolts (similarly to the existing cask storage).
- An arch-shaped crane is installed to allow for handling casks, etc.



A thermometer (surface temperature sensor) and a pressure sensor will be installed on the cask to perform calibration.

The operation of the facility will be started once the monitoring of the pressure between lids and surface temperature utilizing the thermometer and the pressure sensor is started.



An announcement will be made after the operation starts.



End