

## Completion of radioactive materials removal procedure in the spent fuel pool of Unit 2 at Fukushima Daiichi Nuclear Power Station

We plan to desalinate the spent fuel pool of Unit 2 at Fukushima Daiichi Nuclear Power Station in order to control corrosion and wreck of the structural materials. In preparation for desalination, we have been working on removal of radioactive materials in the spent fuel pool using the radioactive materials removal apparatus since November 6, 2011.

(The density of the radioactive materials before removal is in the level of the fifth power of 10.)

After operating radioactive materials removal apparatus for approximately one month, the density of radioactive materials decreased to the level of the square of 10. Therefore, yesterday (December 5), we stopped the operation of the radioactive materials removal apparatus and completed the radioactive materials removal procedure.

We confirmed later by conducting a sampling survey of the water in the spent fuel pool the decrease in the density of radioactive materials to the level of the square of 10.

(The original target of decrease was the level of the square to cube of 10.)

Hereafter, we will conduct desalination of the spent fuel pool of Unit 2 at Fukushima Daiichi Nuclear Power Station, using the same apparatus (RO [reverse osmosis membrane]) and ED [electro dialysis] as used for the spent fuel pool at Unit 4 in Fukushima Daiichi Nuclear Power Station

(Starting date of the procedure is being adjusted.)

We plan to use the above radioactive materials removal apparatus for removal of radioactive materials in the spent fuel pool of Unit 3 at Fukushima Daiichi Nuclear Power Station. The procedure will start after adjustment of schedule considering the other works.

