

Resumption of desalting by ion exchanging device at spent fuel pool of Unit4 at Fukushima Daiichi Nuclear Power Plant

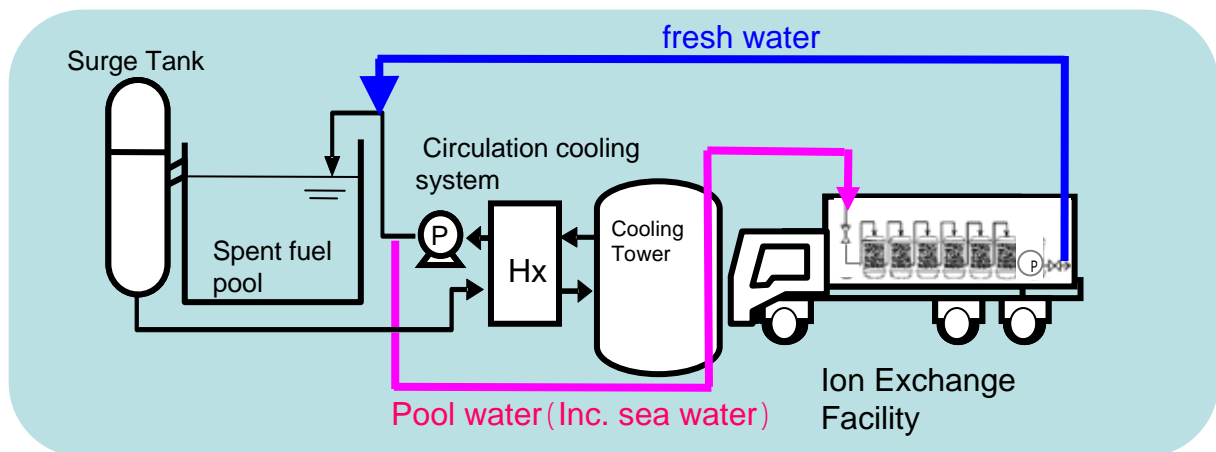
From August 20 to November 8, we have desalted water at spent fuel pool of Unit 4 at Fukushima Daiichi Nuclear Power Station by desalting facility which uses reverse osmosis membrane. As a result, the salt density decreased to around 150 ppm

Recently, our preparation of desalting the pool water by the method of ion exchange has completed, we will resume desalting water at spent fuel pool of Unit 4 from 11:00 am today.

We will try to decrease the salt density at spent fuel pool of Unit 4 to around 10 ppm finally in around a month.

[Brief description of ion exchange facility]

- Take water from sampling line at circulation cooling system of spent fuel pool, and desalt gradually by ion exchange facility.
- As the operation is need to do in short period and limited space, we uses mobile system module (doubled piping, detecting leakage system and automatic isolation system when leaked



Overview of Ion Exchange Facility



Ion Exchange Facility

Photo : Tokyo Electric Power Company
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