

# Installation of Desalination System at Spent Fuel Pool of Unit 4, Fukushima Daiichi Nuclear Power Station

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## 【Objectives】

This system removes salt from water from the circulating cooling system to avoid med-term corrosion and damages to structural materials of Spent Fuel Pool of Unit 4, Fukushima Daiichi Nuclear Power Station.

## 【Outline】

- The system takes water from the circulating cooling system, desalinate the water, and returns the water into the spent fuel pool.
- The reverse osmosis membrane separates fresh water and concentrated water to remove salt.
- The equipments are put on trucks due to limited space.
- This system will be also used for Unit 2 and 3.

