

Water Leakage from Unit 6 Purification Equipment Pipe at Fukushima Daiichi Nuclear Power Station

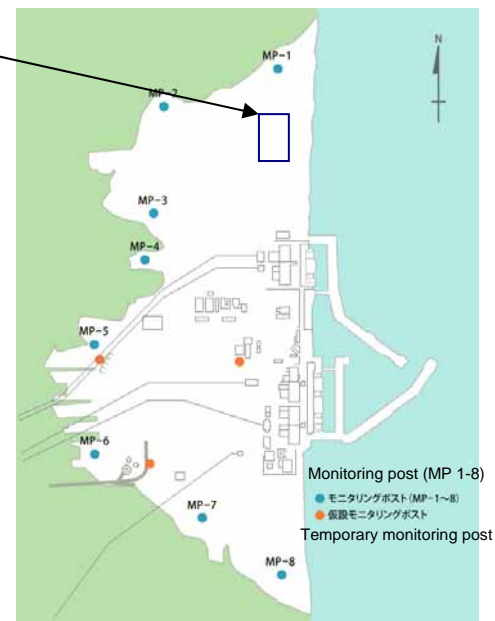
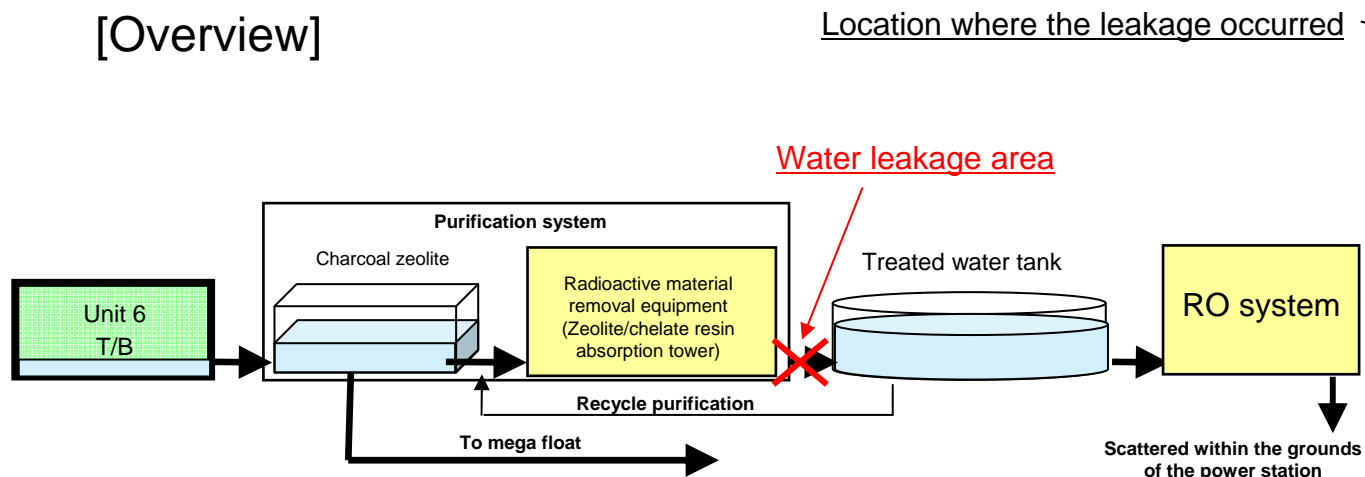
Date and Time: October 4, 2012 at around 4:30 PM

Location: F tank area in the north of Unit 5-6

Details

1. At 4:30 PM on October 4, a TEPCO employee found a water leakage from the pipe joint area of the purification equipment when the system pump was started after the investigation of the burn on the RO system relay block terminal (occurred on October 3) had completed at around 4:28 PM on the same day.
2. It was confirmed that the leakage stopped at around 4:35 PM after the pump was stopped.
3. Upon investigation, the leakage location was identified to be the hole on the joint of the pipe where the water treated in the chelate resin/zeolite absorption tower goes through.
4. Since the leakage area is covered by a vinyl protection cover and there is no side ditch in the surrounding area, the leaked water did not flow out to the ocean.
 - Hole size: Approx. 3mm x 1mm
 - Leaked water: Treated water which came from the radioactive material removal equipment (Approx. 12L)
 - Nuclide analysis results of the leaked water
I-131: Below the detection limit (1.6×10^{-2} Bq/cm³), Cs-134 : 1.5×10^{-1} (Bq/cm³),
Cs-137 : 2.4×10^{-1} (Bq/cm³)

[Overview]



Location of water leakage



Location of water leakage (Enlarged image)