

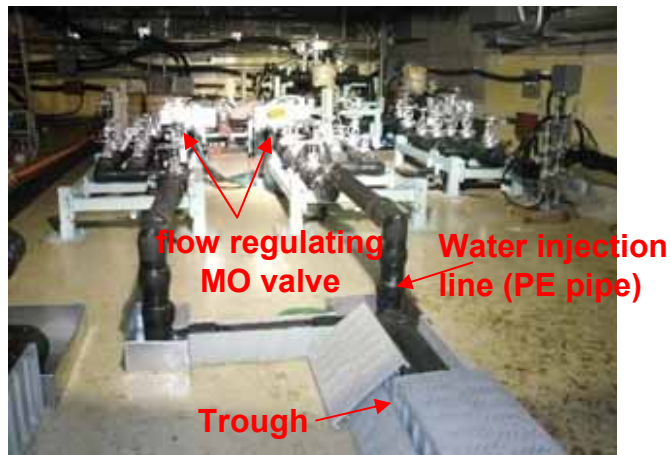
Commencement of the Reactor Water Injection at Units 1-3 of Which the Source is Condense Storage Tank (CST) at Fukushima Daiichi Nuclear Power Station

<Reference>

July 5, 2013

Tokyo Electric Power Company

- We have started the reactor water injection at Units 1-3 utilizing the CST reactor water injection system today (July 5).
- Reliability of the reactor water injection system was increased due to the commencement of the CST reactor water injection system.
 - (1) Significant improve of a quake, tsunami resistance (water source: condense water storage tank (hereafter CST), power source: second floor of the Turbine Building, piping outdoors: installation of a simplified trench)
 - (2) Reduction of radiation dose by remote control of equipment (operation of pump, adjustment of flow amount) at the Main Anti-earthquake Building
 - (3) Increase of reliability by dividing a power source and automatically activating 2 pump which is installed at each Unit
 - (4) Enhancement of workability and maintainability due to the same specification at each unit
- Reliability of the reactor water injection system was increased due to the commencement of the CST reactor water injection system. In addition, loop regarding the reactor water injection outdoors will be smaller (approx. 4km→approx. 3km) by making CST around the building water source.



(Reference) Circulation Loop of Water Which was Injected to the Reactor

