

Change in the Water Injection Amounts at Fukushima Daiichi Nuclear Power Station towards Summer 2012

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Tokyo Electric Power Company

- The temperatures of Unit 1-3 RSV and PCV are expected to gradually increase along with the ambient temperature increase in the summer.
- With the current water injection amounts (Unit 1: 6.5m³/h, Unit 2: 9.0m³/h, Unit 3: 7.0m³/h) , it is predicted that the Unit 3 temperature will be slightly higher than that of Unit 1 and 2. As a result, the operational requirement margin specified by the technical specification will decrease for Unit 3.
- The amounts of water injection will be optimized (Unit 1: 5.5m³/h, Unit 2: 8.5m³/h, Unit 3: 8.5m³/h) according to the estimated temperature increase (with heat balance taken into account). By doing so, sufficient margins of Unit 1-3 RSV/PCV temperature requirements will be ensured during the summer.
- The temperature increase trend will be evaluated after changing the water injection amounts, and the temperature transition will be monitored to see if it follows the estimation.

Change in the Water Injection Amounts to Unit 1-3 (Planned)

