

## Amount of water injection assumed in MAAP analysis for Unit-2

The amount of water injection by the reactor core isolation cooling system (RCIC) for the analysis was set at about its rated flow rate before the loss of all AC power supplies and at about 30t/h after the loss of all AC power supplies so that the reactor pressures observed could be simulated (Figure 1).

The amount of water injection into the reactor by fire engines has been set in the MAAP analysis for Unit-2 as not exceeding the daily average of water injection, based on the operation records made public so far and interrupting the injection when the reactor pressure exceeded 1MPa[gage], because the discharge pressure of fire engines at that time was about 1MPa[gage] (Figure 2).

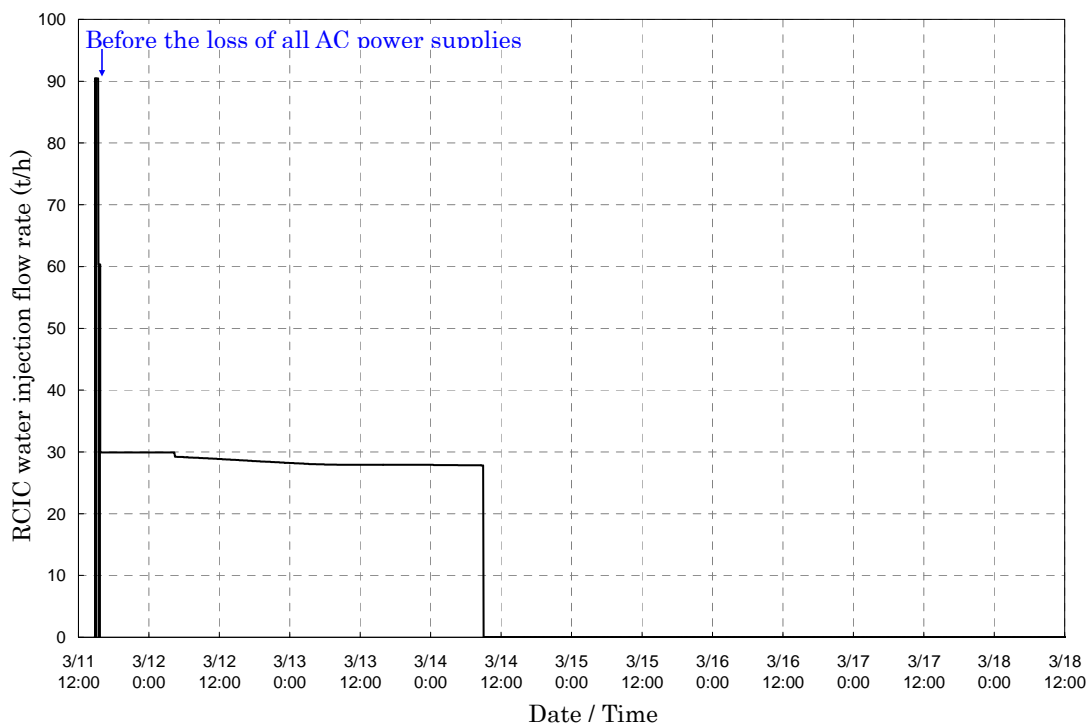


Figure 1 RCIC water injection flow rate

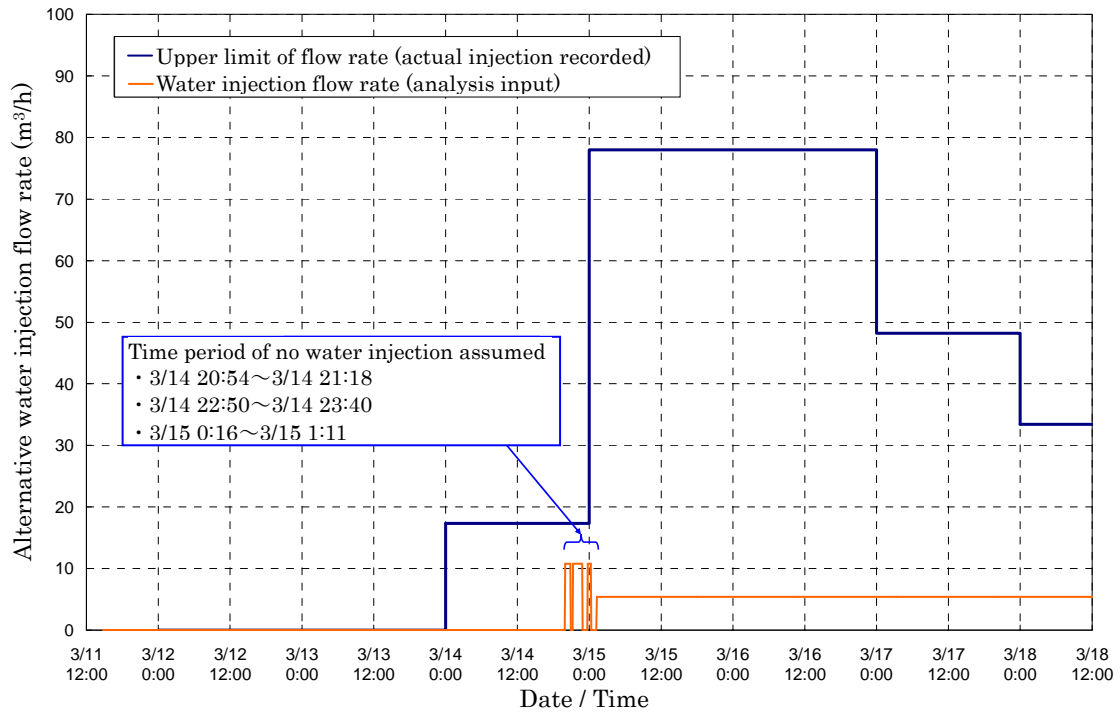


Figure 2 Actual injection of water by fire engines and the amount injected into the reactor\*<sup>1</sup>

\*<sup>1</sup> The amount of water discharged by fire engines is updated reflecting detail operational records and described in Attachment 1-4, Figure 6.