

Amount of water injection assumed in MAAP analysis for Unit-3

The amount of water injection by the reactor core isolation cooling system (RCIC) and high pressure coolant injection system (HPCI) for the analysis was set so that the observed reactor water level could be simulated more or less (Figure 1).

The amount of water injection into the reactor by fire engines has been set in the MAAP analysis for Unit-3 as not exceeding the daily average of water injection, based on the operation records made public so far and the flow rate of the containment vessel spray system as shown in Figure 2.

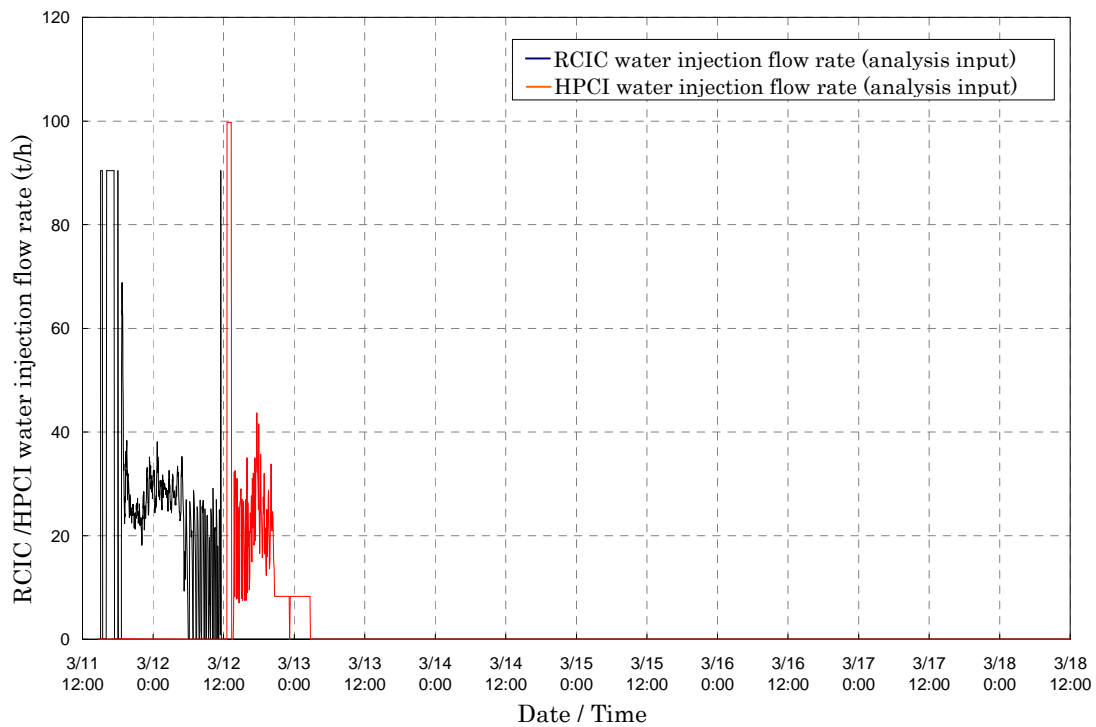


Figure 1 RCIC and HPCI water injection flow rates

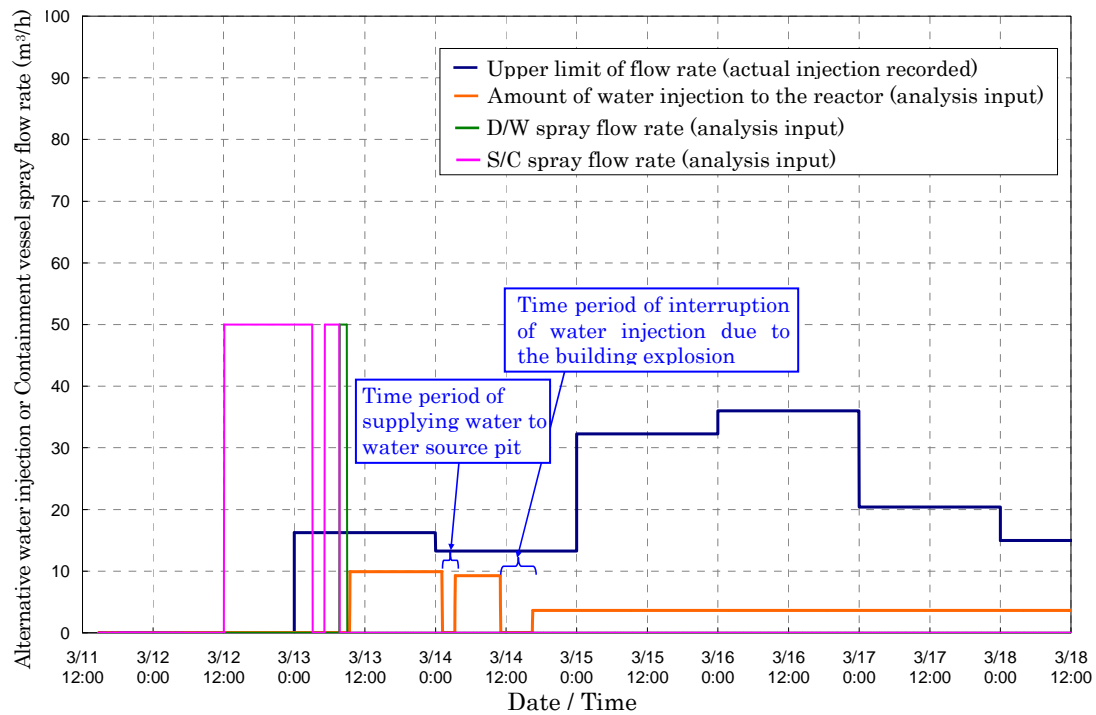


Figure 2 Actual injection of water to the reactor by fire engines and the flow rates of water injection by fire engines and the containment vessel spray system assumed in the analysis\*<sup>1</sup>

\*<sup>1</sup> The amount of water discharged by fire engines is updated reflecting detail operational records and described in Attachment 1-4, Figure 7.