

Alteration of report with regards to installation of circulating cooling system of spent fuel pool of Unit 1~4 of Fukushima Daiichi Nuclear Power Station (summary)

1. Summary

We will partly alter report with regards to installation of circulating cooling system of spent fuel pool of Unit 1~4 of Fukushima Daiichi Nuclear Power Station, as follows;

2. Alteration context

Alterations are as follows;

	Context of alteration
Unit 1	In order to maintain spent fuel pool water level and manage leakage, we have reported to monitor the water level of skimmer surge tank by existing skimmer surge tank water gauge. However, we will alter this method as the corresponding water gauge is broken. (ref. Figure 1)
Unit 2	We will alter the layout of weirs etc to prevent leakage of contaminated water outside building, as a result of consideration to reducing workers' exposures. We will partly amend the evaluation result of estimated leakage amount, in cases leakage occur. We will add method to treat accumulated water containing radioactive materials within buildings, in cases leakage occur (ref. Figure 2)
Unit 3	We will add method to treat accumulated water containing radioactive materials within buildings, in cases leakage occur
Unit 4	We will alter the area to install weirs, and alter method to drain leakage water, as a result of consideration to site conditions, working environment safety and constructing conditions (ref. Figure 3).

END

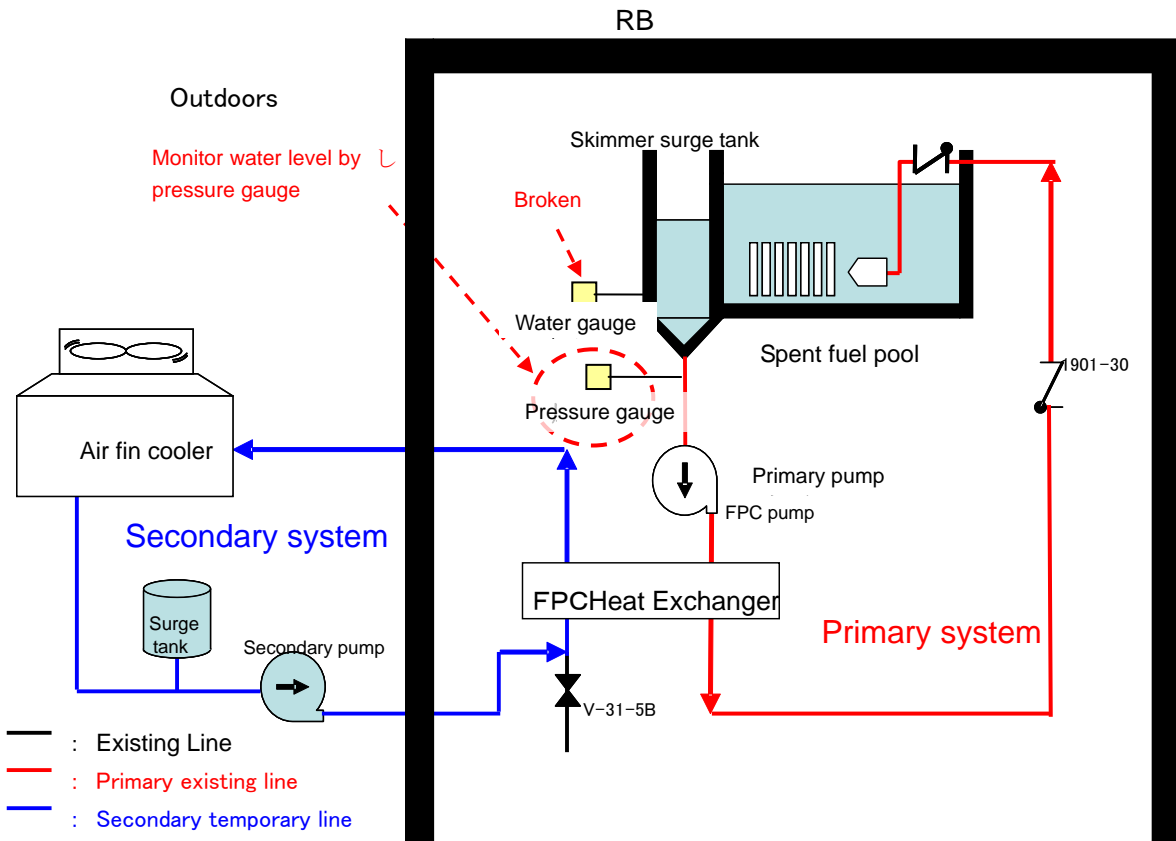
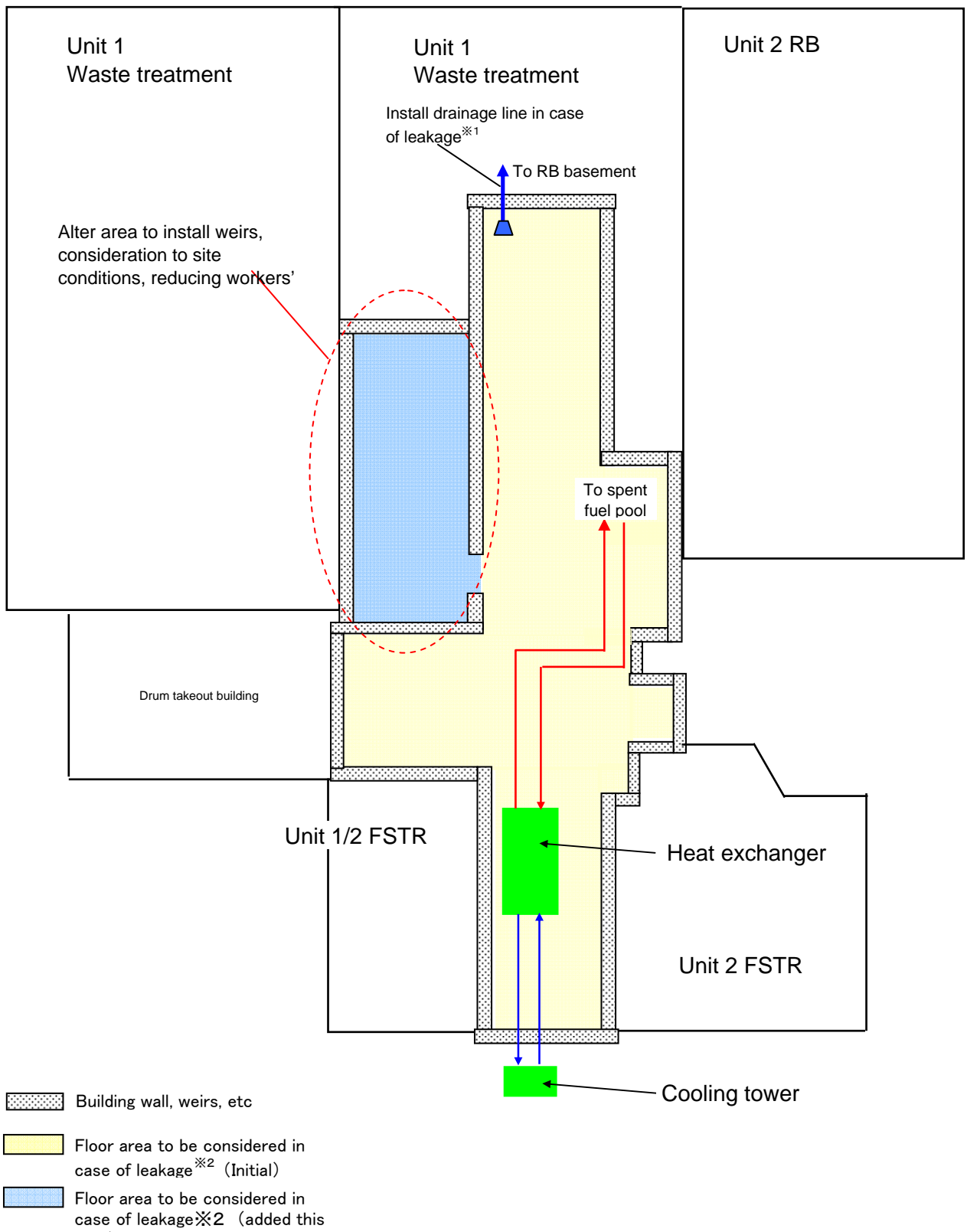


Figure 1 Main alteration points at Unit 1

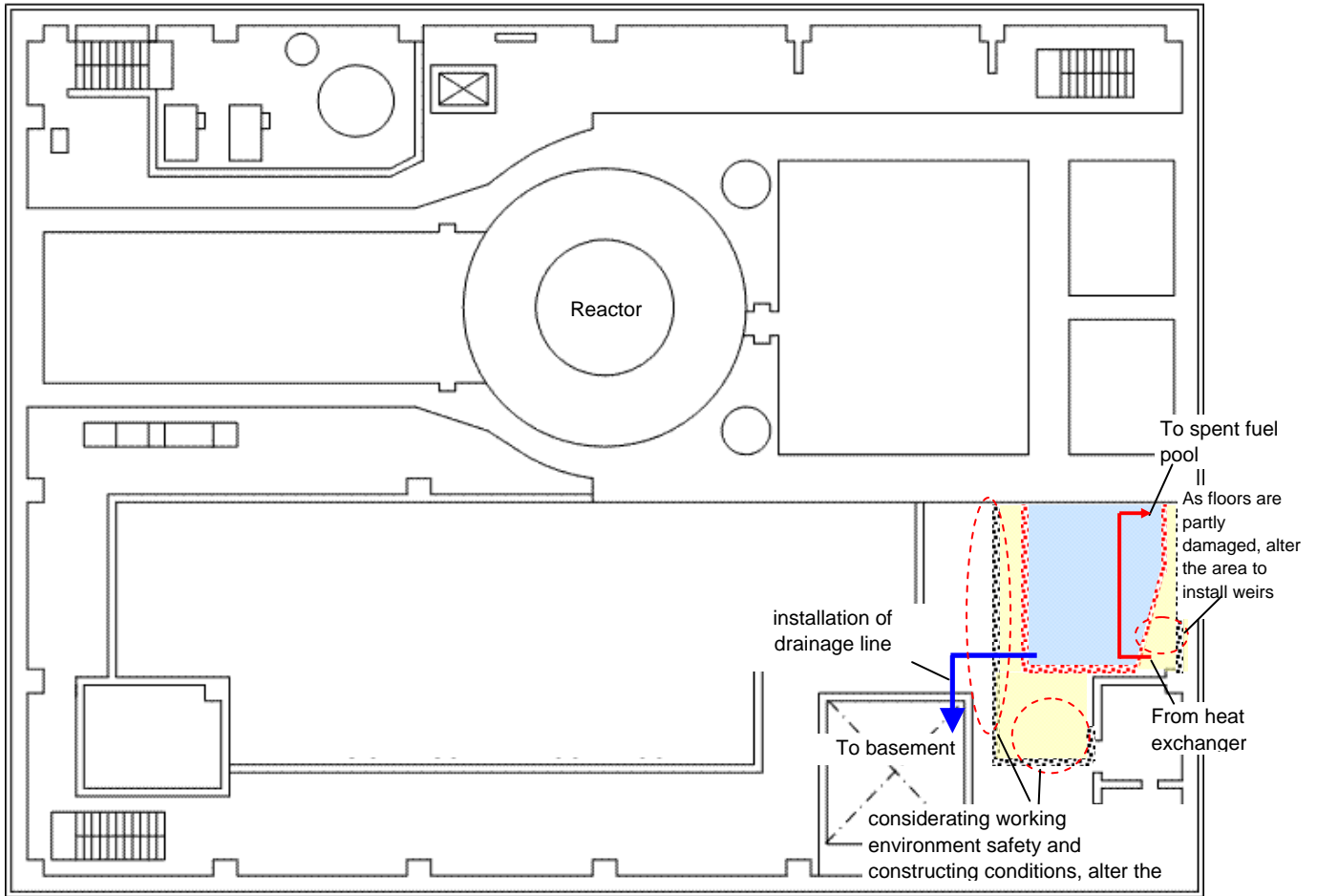


※1: drainage line to be similarly installed at Unit 3

※2: As a result of re-evaluating the estimated leakage amount after adding water of existing system, we have evaluated that measures to prevent leakage outdoors is effective.

Figure 2 Main alteration points at Unit 2

Unit 4 RB (4F)



- Installation points of weirs etc to prevent contaminated water leaking outdoors (before alteration)
- Installation points of weirs etc to prevent contaminated water leaking outdoors (after alteration)
- Floor area to be considered in case of leakage (before alteration)
- Floor area to be considered in case of leakage (after alteration)

Figure 3 Main alteration points at Unit 4