

17 September 2015
Nuclear Regulation Authority, Japan

Leakages of water from the dikes in tank areas storing contaminated water at Fukushima Daiichi NPS

On 15 September 2015, the Nuclear Regulation Authority (NRA) received a report from TEPCO regarding an incident of leakages of water from the dikes in tank areas storing contaminated water at Fukushima Daiichi NPS.

- The report delineates the incident in which water accumulated in the dikes due to rainfall was found to be leaking in 4 areas (H5, C, H6, and H4 North as shown in Attachment*) between 9 and 14 September 2015.
- The dikes are installed in order to prevent contaminated water from spreading in case a leakage from the tanks would occur. The water levels of tanks in each of the 4 areas show no change, suggesting there are no leakage from the tanks.
- There was no effect on the ocean throughout this incident.
 - At tank areas H5 and C, the concentration of radionuclides in the leaked water was lower than the water flowing through the drainage channels B and C during rainfall.
 - At tank areas H6 and H4 North, water discharge valves had been closed, so the leaked water did not flow into the drainage channels.

NRA's actions

Nuclear safety inspectors of the NRA Regional Office are collecting information related to the incident and inspecting the situation on the site including the recovery of leaked water. The NRA issued the following instructions to TEPCO:

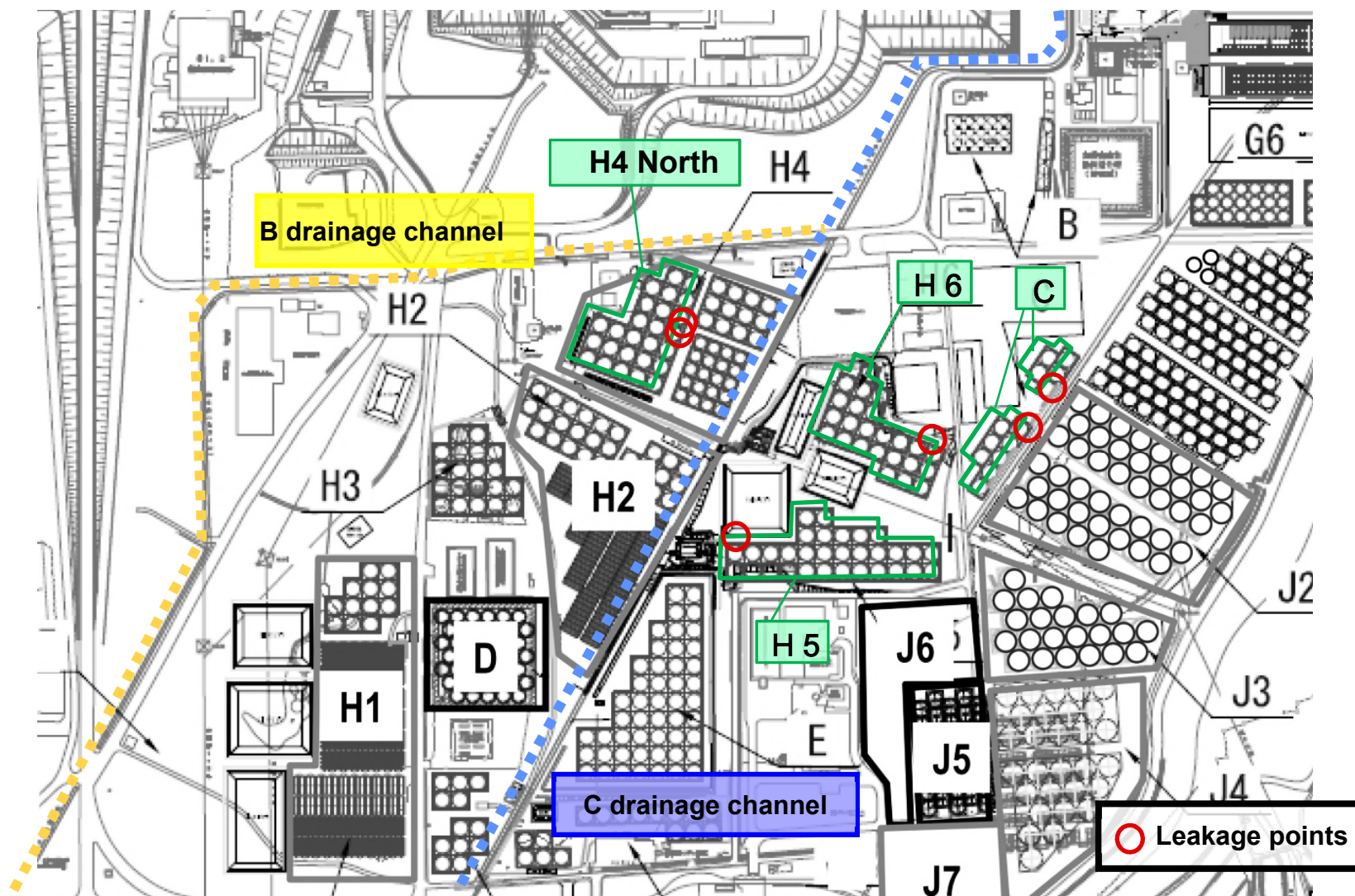
1. To continue monitoring including drainage channels monitoring in succession and sampling of groundwater around tank areas;
2. To screen, inspect, and treat the dikes to prevent further leakage;
3. To appropriately manage the water in the dikes taking into account this incident.

The NRA will continue to be vigilant about TEPCO's cause-finding and prevention measures.

*Attachment: Tank areas & Leakage points

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Tank areas & Leakage points

(Provided by TEPCO and modified by the NRA)