As for 3 high radiation locations found during a patrol conducted on August 31 and September 1, there was no suggestion of water leak since (1) neither water dropping nor trace of leakage has been found and (2) radiation detected on the floor surface directly underneath the location was not high. We will continue to monitor the status closely and will investigate the cause of the high radiation in detail.

All 3 high radiation locations were the flange parts of the bottom of the tanks (edge of a packing with water expansible water stop function).

Aside from these 3 locations, there was a record that someone measured the bottom of the tank where radiation level was higher than the surrounding area. (Since the level detected was below the record standard (10mSv/h in the measurement conducted within 1m from the outer surface of the tank, at the height of 50cm), this record was voluntarily made). There is a possibility that this was also the flange part of the bottom of the tank, so we will implement a detailed investigation.

There are 8 similar flange parts per each tank, so we will investigate flange parts of the other tanks.
Results of Patrol at the H3 Area

Unit: mSv/h
70 μm dose equivalent rate (γ + β)

Point (1)-2 (There is a paddle)
Approx. 220 mSv/h (5cm)
<Measured on August 31>
Approx. 80 mSv/h (5cm)
<Measured on September 1>

Point (2)-1 (There is no paddle)
Approx. 1800 mSv/h (5cm)
<Measured on August 31>
Approx. 1100 mSv/h (5cm)
<Measured on September 1>

Point (2)-2 (There is a paddle)
Approx. 1700 mSv/h (5cm)
<Measured on September 1>
Water Stop Structure of the Bottom Plate at the H3 Area Tank

(Layout of the tanks)

(Plane view of the bottom plate)

(Water stop structure of the bottom plate: sectional view in A-A)

Please refer to the next page for the enlarged image
Water Stop Structure of the Bottom Plate at the H3 Area Tank

Photo of the joint part of flange at the bottom of the tank

<Enlarged plane view>

Water expansible water stop material (swelling by water adsorption)

<Sectional view in A-A>

Water expansible water stop material (swelling by water adsorption)

Packing
Putty
Bottom plate
Photos

Flange part of the bottom plate
(inside)

Bottom plate

Flange part of the bottom plate
(outside)

Side plate

Mortar

Sealing material

Water expansible water stop material