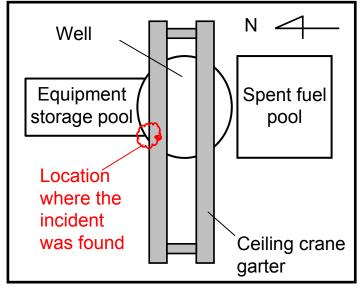
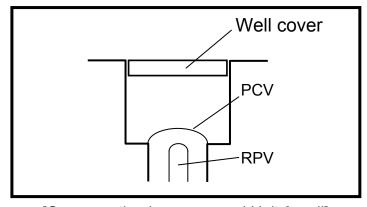
- At around 8:20 AM on July 18, 2013, an associated company worker, investigating the site using a camera ahead of debris removal work, encountered a steam-like gas wafting through the air near the central part of the fifth floor (equipment storage pool side) of Unit 3.
- ■The plant status is as follows, and subcritical state is found to be maintained at 9:20 AM.
- Reactor water injection, cooling of the spent fuel pool:
  Continuing stably
- Monitoring post readings, continuous dust monitor amounts: No significant change was found
- Temperature of RPV/PCV:
  No significant change was found
- Noble gas monitor:
  No significant change was found
- Nitrogen injection of PCV:No significant change was found

Afterwards, the plant was confirmed to be the status above at 1:00 PM and 4:00 PM, and subcritical state is found to be maintained at 1:15 PM and 4:15 PM.

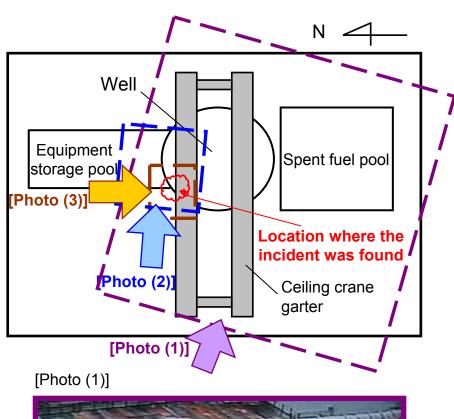


[View of Unit 3 Reactor Building from above]



[Cross-section image around Unit 3 well]









[Photo (3)]







### [Reference] Dust Sampling Locations at the Opening of Unit 3 Reactor Building

Locations of regular sampling (once a month) (following 2 locations)

(Most recent data was obtained on July 4)

- Northeast side of a space above the reactor
- Around the third floor of equipment hatch opening
  ⇒ On July 18, dust sampling was performed once at the northeast side of a space above the reactor
- Location where the steam-like gas was found
  ⇒ On July 18, dust sampling was performed twice at this location
- For a half year, Cesium 137 has varied between 1 x  $10^{-3}$  Bq/cm³ and 1 x  $10^{-5}$  Bq/cm³, Cesium 134 has varied between 5 x  $10^{-4}$  Bq/cm³ and 1 x  $10^{-5}$ Bq/cm³. The results obtained this time (sampled on July 18) were between these ranges and there were data slightly over the detection limits.

<Reference: Recent dust sampling result (sampled on July 4)>Northeast side of a space above the reactor:

Maximum

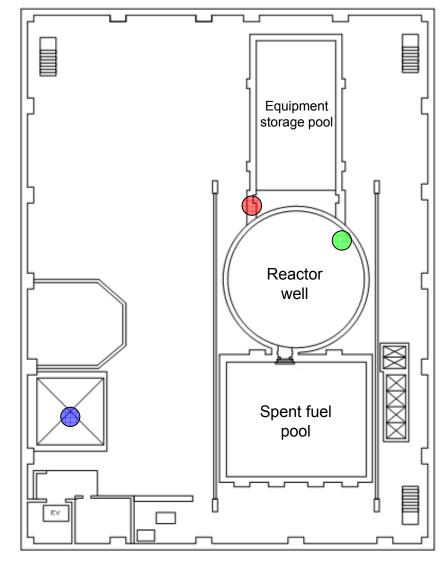
Cesium 134: ND

Cesium 137: 3.6E-05Bq/cm<sup>3</sup>

Around the third floor of equipment hatch opening:

Maximum

Cesium 134: 1.1E-05Bq/cm<sup>3</sup> Cesium 137: 2.9E-05Bq/cm<sup>3</sup>



Fifth floor of Unit 3 Reactor Building



# [Reference] Plant Condition of Unit 3

## Parameters related to the plant

|                                       |                   | As of 11:00 AM on<br>July 18 | As of 11:00 AM on<br>July 17 |
|---------------------------------------|-------------------|------------------------------|------------------------------|
| Reactor water injection amount        | Feed water system | 1.9m <sup>3</sup> /h         | 2.0m <sup>3</sup> /h         |
|                                       | Core spray system | 3.5m <sup>3</sup> /h         | 3.5m <sup>3</sup> /h         |
| Temperature of the spent fuel pool    |                   | <b>24.4</b> ℃                | <b>25.2</b> ℃                |
| Temperature of the bottom part of RPV |                   | <b>40.1</b> ℃                | <b>40.1℃</b>                 |
| Pressure of PCV                       |                   | 0.23kPag                     | 0.23kPag                     |
| Nitrogen injection amount of RPV      |                   | 16.12Nm <sup>3</sup> /h      | 16.12Nm <sup>3</sup> /h      |
| PCV gas control system (xenon 135)    |                   | ND (<3.3E-1)                 | ND (<3.3E-1)                 |

#### **Continuous dust monitor amount**

[Bq/cm<sup>3</sup>]

|                | Main gate | Welfare Building | Unit 5,6 | Main Anti-earthquake<br>Building |
|----------------|-----------|------------------|----------|----------------------------------|
| July 17 6:00PM | 1.0E-06   | 1.0E-06          | 1.0E-06  | 1.5E-06                          |
| July 18 6:00AM | 1.0E-06   | 1.5E-06          | 1.0E-06  | 2.8E-06                          |
| July 18 9:00AM | 1.0E-06   | 1.0E-06          | 1.0E-06  | 2.2E-06                          |
| July 18 4:00PM | 1.0E-06   | 1.0E-06          | 1.0E-06  | 9.0E-07                          |



## [Reference] Transition of monitoring post readings (8:00 AM – 2:00 PM on July 18)

