

# Estimation of Core Status based on Analysis by Severe Accident Code

[Current status confirmed]

- The weight rate of fuel debris fallen to PCV bottom.

[Information not yet obtained]

- The exiting accident analysis code has uncertainties, so that detailed location, hardness and spread of fuel debris are not yet analyzed.

The weight of  $UO_2$  in the core at first

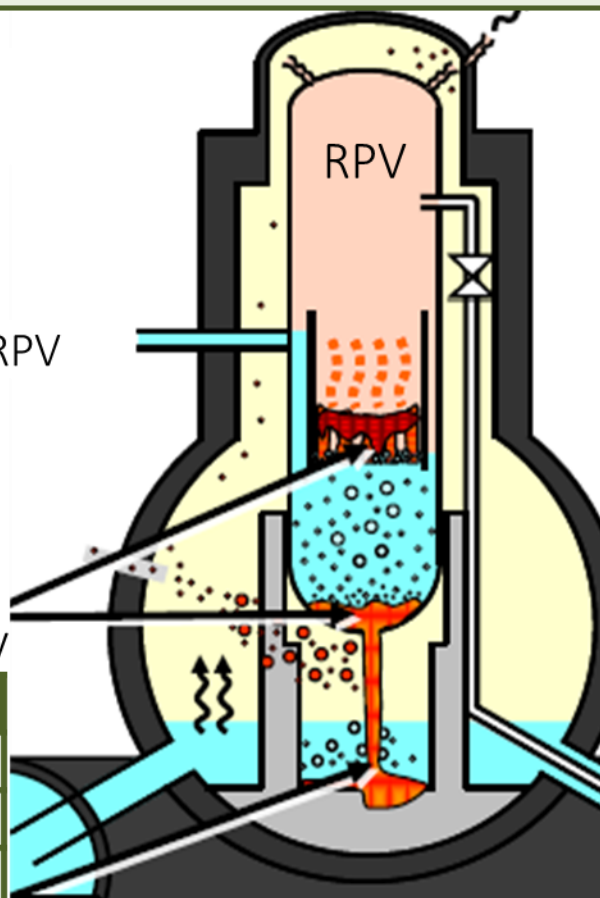
<b>Unit 1</b>	77t
<b>Unit 2</b>	107t
<b>Unit 3</b>	107t

The weight rate of  $UO_2$  still remaining in RPV

	TEPCO	JAEA
<b>Unit 1</b>	0%	0%
<b>Unit 2</b>	43%	30%
<b>Unit 3</b>	37%	36%

The weight rate of  $UO_2$  fallen from RPV

	TEPCO	JAEA
<b>Unit 1</b>	100%	100%
<b>Unit 2</b>	57%	70%
<b>Unit 3</b>	63%	64%



Evaluation by

TEPCO:

MAAP (May 2011)

Evaluation by JAEA:

MELCOR