

Report on the result of re-examination of the report on the seismic safety assessment of unit 5 and unit 6 of
Kashiwazaki-Kariwa Nuclear Power Station (Summary)

1. Survey

In accordance with the instruction documents issued on August 22, 2011 by NISA titled “Re-examination of report on seismic safety assessment (Instruction)”, among the report on seismic safety assessment we submitted to NISA, for the report on unit 5 and unit 6 of Kashiwazaki-Kariwa Nuclear Power Station, we have re-examined analysis on below evaluation and examination issues.

Relevant evaluation and examination issues

Evaluation and examination issues	Unit	
	Unit 5 ¹	Unit 6 ²
Implementation of Design Basis Ground Motion(Ss)	³	³
Stability Assessment of building foundation ground		
Seismic safety assessment of safety important buildings and structures		
Seismic safety assessment of safety important equipments and piping systems		
Seismic safety assessment of outside important civil structures		
Consideration of the Earthquake accompanied events (Safety against Tsunami)		
Consideration of the Earthquake accompanied events (Variation analysis on the building foundation ground due to deformation of active fault)		

1 : unit 5 Kashiwazaki-Kariwa Nuclear Power Station

Report on the Seismic Safety Assessment due to the amendment to the “examination guideline seismic design of nuclear reactor for power generation” (June, 2010)

2 : unit 6 Kashiwazaki-Kariwa Nuclear Power Station

Report on the Seismic Safety Assessment due to the amendment to the “examination guideline seismic design of nuclear reactor for power generation” (June, 2009)

3 : Reexamination has been already conducted at the time of report reexamination for Unit 1 and 7

2. Outline of the survey

With regards to the relevant analysis on evaluation and examination issues, we and engaged contractor who implemented analysis (the contractor) conducted below survey.

【contractor】

Conduct below confirmation on the each material on input data and assumption (input basis form and work check sheet, etc)

Check the collectiveness of the items to be reexamined, then the correctness of the input by matching with the evidence docutments.

【TEPCO】

Conduct below confirmation for all the facility and all the analysis to check the errors on the input data and assumptions

Check the appropriateness of the input basis in accordance with the report from the contractor.

Check the correctness of data input into the calculator program by using the report from the contractor.

3 . Result of the re-examination

As a result of the re-examination of the report on the seismic safety assessment of unit 5 and unit 6 of Kaashiwazaki-Kariwa Nuclear Power Station, though there were some description errors which have no impact on the result of seismic safety assessment (41 points), we confirmed there were no errors on in input data and assumptions.

Description errors were counted as different errors even if there were same errors in different place.