

Audit Analysis of Earthquake Ground Motion for the Unit 3 of the Simane Nuclear Power Station

–Support for Safety Review of Application for Reactor Establishment License–

Objectives

- Examination of adequacy of the reference earthquake ground motion for Unit 1 of the Shimane nuclear power station of Chugoku electric power Co., Inc.

Contents of the Project

- The earthquake ground motion due to the active fault near the site that has large effect on the power station concerned was examined under the current findings with considerations of main factors that cause uncertainties.
- The evaluated earthquake ground motion was comparatively studied with the reference one described in the licensee evaluation report.

Results

- The evaluated earthquake ground motion on the active fault near the site was confirmed not exceeding the reference values.
- The evaluated results of the licensee were confirmed that it was mostly consistent with the ones by JNES and that the former is appropriate.

➔ The adequacy of the reference earthquake ground motion was confirmed.

