

At SMiRT24 ISC meeting, Nov. 17 2016

Proposal of Special technical panel in SMiRT24

Title: "On Challenges toward Risk-Informed and Performance-based Earthquake Engineering for Nuclear Power Plant"

Objective: To reduce seismic risk of NPP effectively, a variety of, different levels of performance required should be identified, be well described, be quantified and be assured with an appropriate degree of reliability. The panel focuses on performance hierarchy related to plant safety during earthquakes in multi-disciplinary field, and challenges faced to achieve the performance-based engineering..

Proposer: Tsuyoshi Takada, University of Tokyo, Japan

Session style: Two-hour technical panel with four panelists from different countries, such as US, Korea, France and Japan.