

Active tectonics in Shakotan peninsula, Hokkaido, Northern Japan: inappropriate inspections for nuclear safety by Nuclear Regulation Authority

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Tectonic geomorphic investigations clarify that submarine active fault to the west of Shakotan peninsula play an important role in the uplift of the peninsula, Hokkaido, Northern Japan. The bedding fault underneath the Tomari Nuclear Power Plant, in the hanging wall of the submarine active fault, may be capable faults which will be rejuvenated in the near future. It is essentially important to investigate carefully characteristics of tectonic landforms indicative of active faults. However, the safety inspections by the Nuclear Regulation Authority (NRA) were clearly mistaken. Although NRA should break with the past wrong safety review that were slipshod and unscientific, the stance on safety inspection has changed back to that prior to the severe Fukushima accident.

Keywords: tectonic landform, submarine active fault, Shakotan peninsula, Tomari nuclear power plant, Nuclear Regulation Authority, safety inspection