

Initiatives for Fostering Employees' Awareness of ALARA at Tsuruga Power Station

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Since Tsuruga NPS Unit 1 terminated commercial operations in 2015 and Unit 2 has not been in operation since May 2011, dose rate levels in the field have been decreasing year by year. This circumstance raises concerns about the decline in awareness of ALARA among on-site workers.

To reduce the station's collective effective dose to as low as reasonably achievable, it is necessary to set radiation exposure dose targets that correspond to the actual dose rate levels. Additionally, it is crucial to ensure that all personnel engaged in radiological protection activities understand the importance of radiation dose reduction activities required to achieve those targets and practice them on an ongoing basis.

At Tsuruga NPS, various activities aimed at raising awareness of radiation dose reduction among workers include regular notifications of annual radiation exposure dose targets and actual results, and stay-type patrols for selected high-dose, high-contamination work to check for inappropriate behavior from the perspective of radiation protection. Good practices are shared using CR. In this presentation, these activities will be introduced.