The current challenges and good practices in Japan

"Dose Rate Reduction Experiences of Piping Replacement at Fukushima Daiichi Unit 4 and 5"

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Mr. Makihira presented exposure reduction measures in the piping replacement work of RHR in the Fukushima Daiichi Unit 4 and 5. The following exposure reduction measures were executed

- Flushing of pipes
- Installation of temporary shields
- Treatment of the blow down water (Unit 4)
- Implementation of remote dose monitors

For remote dose rate monitor, the worker wore wireless dosimeter APD (Alarm Personal Dosimeter) besides a usual electronic personal dosimeter at high dose rate work. Moreover, measures were taken to monitor the dosimeters worn inside the protective clothes from on top (the outside) of the clothes.





