The current challenges and good practices in Japan

"Dose Reduction Measures at Shika Nuclear Power Station Unit-1" Toshihiko Takahashi, Hokuriku Electric Power Co., Inc.



Mr. Takahashi presented the following exposure reduction measures implemented at Shika Nuclear Power Station Unit 1,

- Implementation of automation equipment for operations like replacement of CRD.
- Adoption of low Co material
- · Installation of temporary shields
- · Shortening of working time by mockup training
- Reduction of Co-60 source term by chemical decontamination
- Source term reduction of RHR pipes by adoption of cooling operation during cold shutdown

The water in the pipes provides an important shielding, and precaution measures about water, such as decreasing pipe drains in operations, were mentioned in the report.





