

“Summary Radiation safety management practices in 19th preventative maintenance of Kori unit 4 and future plans”

Sang-Hee Park, Korea Nuclear Engineering Co., Ltd (Korea)

Improvement of practices of radiation safety management consists of improvement of worker management and of protection control.

Improvement of worker management depends on the practices of process control by each water level control of S/G secondary side.

- Keep the water level more than 70% at working of moisture separator
- Not to perform the working of moisture separator and Lancing / FOSAR at same time

Improvement of protection control will depend on the development of automatic decontamination device for contaminated protect wear in the future. Current laundry system depends on clean water only without detergent, and have several issues such as increase of liquid radioactive waste etc. Expected effects from adoption of automatic decontamination device are as follows:

- Reduction of radioactive waste
- Reduction of the number of re-washing and drying
- Solution of increase in concentration of fine particulate dust problem
- Systematic management for contaminated protect wear



Automatic Decontamination Device