

## CCTV System for Radiation Work Management

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This is a report on a case of exposure reduction by introducing a closed circuit television (CCTV) system.

Yonggwang (YGN) Units 5 and 6 have introduced a CCTV system for the purpose of reducing exposure. The CCTV is connected to a LAN, making it possible to monitor the status in real time. Also, two types, i.e., a fixed mount type and a mobile type, are installed.

Specifically, the CCTV system was used to ensure that the action agenda based on ALARA was carried out during residual heat sleeve removal and leak valve maintenance operations.

As a result, they were successful in having effects on the optimization of the number of operators, the reduction of exposed dose and the decrease of radioactive waste, hereby proving the effectiveness of exposure reduction using a CCTV system. It was recognized as a Good Practice in the OSART of IAEA in 2007.

### IV. Cases for use of CCTV system [cont'd]

#### Monitoring T/S Work through CCTV System

