

“CCTV System for Radiation Work Management”
(ISOE Distinguished paper)
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Exposure dose reduction case examples by adoption of the CCTV (Closed circuit television) system were introduced.

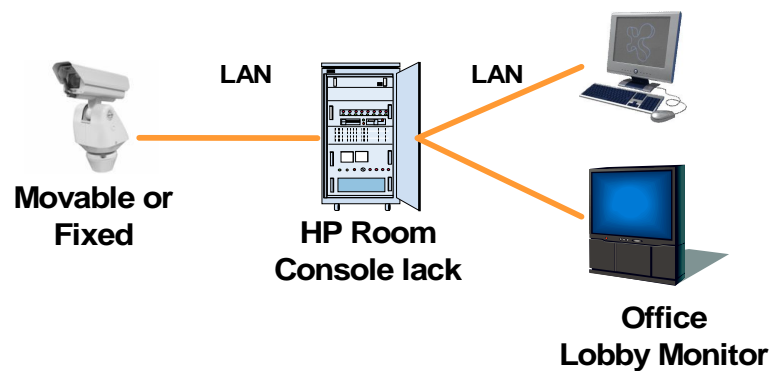
In Yonggwang (YGN) No. 5 and No. 6, the CCTV system has been adopted with the objective of reducing exposure doses. The CCTV system is connected to a LAN to enable the monitoring of conditions in real-time. In addition, two types of CCTV systems – fixed mount type and mobile type – have been installed.

In concrete terms, the CCTV system was used to ensure the action guideline based on ALARA in the removal of residual heat sleeves and the maintenance work for leak valves.

As a result, KHNP succeeded in achieving an effect in optimization of the number workers, reduction of exposure doses, reduction of radioactive wastes, and so on and thus could demonstrate the usefulness of the CCTV system in exposure dose reduction.

. Description of CCTV system [cont'd]

Network



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

Monitoring T/S Work through CCTV System

