BNL ALARA CENTER

Processes and Practices Related to Occupational Dose

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HEALTH PHYSICS COVERAGE BY VIDEO FOR REPETITIVE HIGH-DOSE JOBS

Keywords: VIDEO; NARRATOR; MONITORING, TRAINING, HIGH-DOSE JOBS

Description:

The function of health physics coverage by video for repetitive high-dose jobs is an effective means of reducing doses associated with radiological monitoring of these jobs.

The video needs to be of high quality with pan, zoom, and audio capabilities to adequately monitor both physical activity and communications. Following job completion, a narrator can highlight each ALARA step of the working procedure and critique the job to indicate areas where future improvement can be made. Not only has the video familiarized personnel with repetitive jobs with equipment, procedures, and the radioactive work environment, it has assisted plant personnel in identifying any shortcoming in the procedure, tooling, and radiation protection ALARA techniques being used. Therefore, using video cameras and monitors for repetitive high-dose jobs not only saves health physics technician exposure during the job, but can also be used for training of workers for future jobs thereby reducing the dose during future work.

References and Selected Abstracts:

Being compiled.