

3458. AUTOMATED HEALTH PHYSICS MONITORING

Current health physics monitoring and data management practices are labor intensive. Monitoring activities are primarily passive and data management is based on a paper file and retrieval system. An active monitoring and data management system provides live sensory data that enables the health physics technician or supervisor to make real time corrections for dose or work control. Automated monitoring and data management will improve performance, radiological safety and reduce cost.

TRAC is a system comprised of sensory devices, a communication network, local and remote display consoles, hazard prioritization and data management software that provides active monitoring of tasks performed in a radiological environment.

Quad Cities is installing an automated monitoring system this Spring during the refueling outage.

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