

“Remote Monitoring Study at U.S. Nuclear Power Plants”

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Efforts on the RMT (Remote Monitoring Technology) by EPRI were introduced.

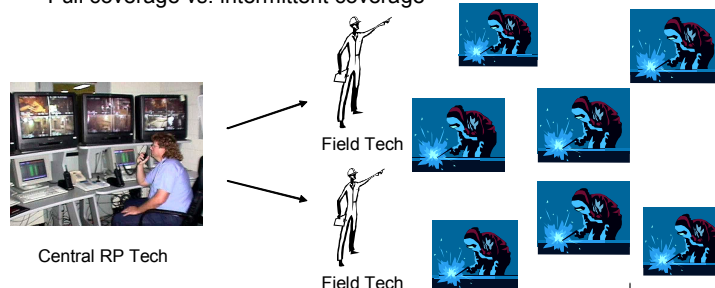
EPRI has established an RMT program consisting of the following three items with the objective of dissemination and promotion of the effective use of RMT.

- Site-specific projects — field evaluation and technical demonstrations of RMT
- RMT working group — various guidelines (introduction, training), reporting of utilization case examples
- RMT technology development — integration with three-dimensional real-time dose data of RMT, follow-up of ALARA plans, capturing of workers' locations, etc.

RMT is a tool that produces effects in exposure dose reduction by remotely supporting workers. In the United States, the use of RMT is gradually increasing in operation in addition to its use in the inspection work during shutdown periods. In addition, it is also interesting that the use of RMT is increasing for purposes other than exposure dose reduction (detection of vibration, monitoring of humidity, temperature, pulse, blood pressure, fire, etc.) and future developments are worth noting.

RP Job Coverage Using RMT

- RP organizational change
 - RMT Central RP Technician
 - RP Field Technician supporting the use of RMT
 - RMT System Administrators
 - Full coverage vs. intermittent coverage

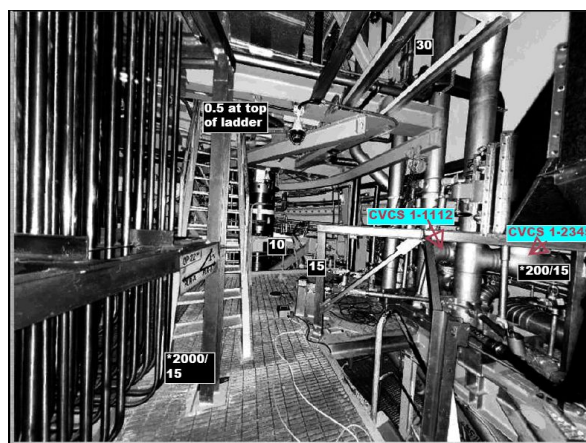


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EPRI ELECTRIC POWER RESEARCH INSTITUTE

Integration of 3-D Imaging Technology with Real-Time Dose Rate Data for Advanced Job Planning



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