

R-DATA: Digitized IVVI

Real-Time Data for Reduced Outage Time

GEH's new Remote Digitized Acquisition Transmission and Analysis (R-DATA) tool is a revolutionary advance over traditional methods of performing nuclear reactor internals inspections.

Instead of relying on conventional videocassette recorders to record images for analysis, R-DATA enhances the ability to capture, review, and provide status of In-Vessel Visual Inspections (IVVI) efficiently, rapidly, and accurately.

By creating a direct voice and video link, the accelerated process eliminates the need for constant manual oversight of the inspection by expert Level III reviewers.

The latest digital technology records and transmits inspection videos to a remote reviewer, reducing discovery time by up to 50 percent. Finding and resolving issues has never been quicker.

Every aspect of R-DATA is performed on a single integrated network, simplifying the transfer of information from the customer site to GEH's nuclear Center of Excellence, located in Wilmington, North Carolina. Our experts will be standing by to respond to your most pressing needs.

Digitized IVVI, through GEH's R-DATA technology, provides customer value through reduced outage time.

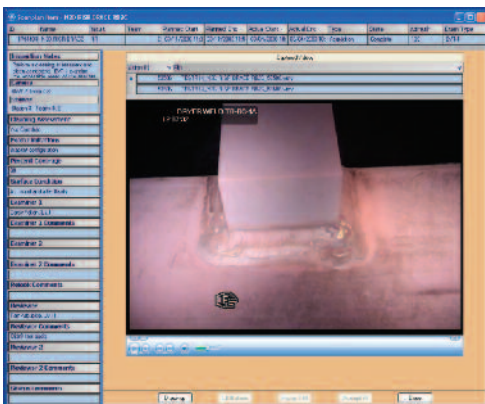
Benefits

- Reduces process lag time by up to 50 percent – 4 hours instead of 6-8 hours
- Improves outage management through faster problem identification and resolution
- Improves communication between inspectors and reviewers
- Reduces need for constant manual oversight, resulting in less exposure to the radiation environment
- Provides up-to-the-minute and accurate status reports



Features

- Advanced digital encoding technology
- Real-time digital video and communications between the refuel floor and a remote Level III reviewer, ready to assist with any problems, questions, or concerns
- Single, integrated network for simplified data transfer
- Robust, dependable hardware with built-in backup capabilities



IVVI Digitization Sheet



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For more information, contact your GE Hitachi Nuclear Energy sales representative or visit us at www.ge-energy.com/nuclear