

Nuclear Power Plant Radiation Monitoring System

Model: RMS-TA



FM-9W-HUB Display

Features

- Creates a System Wide Detection Monitoring Hierarchy
- Accommodates Complete Range of Detectors and Monitors Including Air, Stack, Liquid Effluent, and Particulate
- Alpha, Beta, Gamma, Noble Gas, Tritium, Neutron
- Two Way Communication with the Control Room CPU /Server
- **FM-9W-HUB** Incorporates 20 or More Discrete Counters.
- Operator Display and Controls:
 - » Clear and Accurate
 - » Easy to Understand and Use
- System Changes Do Not Require Programmer
- Real-time, In-Line, Continuous Monitoring
- Fail Safe Alarms, Modular Design
- Location Specific Alarms and Settings
- Data Archive and Retrieval
- Report Generation
- **IP 65**

Technical Associates provides standard and custom designed radiation monitoring equipment to the nuclear power plants globally.

The United States, Canada, United Kingdom, Sweden, France, Korea, Japan, China, to name a few.

TA Digital RMS Radiation Monitoring Instrumentation for Nuclear Power Plants is a complete line of radiation monitors including but not limited to:

- Noble Gas monitors
- Off-line and In-line Liquid Effluent Monitors
- Particulate and Iodine Monitors
- Area, CAMs Stack Monitors, and Atmosphere monitors
- Accident and Post-Accident monitors.

System Wide Monitoring Hieracrchy:

- Facility Wide
- Building Specific
- Individual Area or Lab

Description

The **RMS-TA System** is a multi-function, real-time, distributed, radiation detection system that monitors changes in radiation fields and radioactivity in and around a nuclear power plant.

Multi-Detector systems such as Area Monitor systems, Perimeter Monitors or even a Sorting Table style Trash or Laundry monitors feed their detector pulses directly into the **FM-9W-Hub**, a local RMS computer and Ethernet port with 20 or more built-in counters.

RMS-TA operates as an Ethernet system with central control in the plant control room. **RMS-TA** communicates with a wide variety of detectors and sub- systems and accomplishes diverse measurement and control tasks.



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