Next Generation Drinking Water Radiation Safety Monitor

Model Nexgen-SSS

Features

- World's Only PAG-Level aβγ Water Monitor Measures at or Below EPA/DHS PAG Levels
- Protective Action Guideline Levels and Military Drinking Water Limits
- Real Time, In-Line, Continuous
- Detects Alphas, Betas and Gammas
- Isotope Identification
- No Reagent Tanks to Fill
- No Waste Stream
- Easy Calibration
- Prevent Acute Health Effects; Reduce Risk of Chronic Exposure
- Full Scada or Modbus Compatibility
- Easy Integration Into Central Control System
- Optional: Tritium Detector
- Optional: Radon Detector
- Optional: Rawa

Application

- Monitor drinking water against any and all Radioactive contaminants
- Monitor for contamination in ground or surface water
- Monitor liquid-waste-stream from laboratory or plant

Problems

Drinking water sources are vulnerable to accidental or knowing contamination by individuals, groups, industry, medical labs, terrorists, and from naturally occurring radioactive materials (NORM).

As yet very few water districts have real-time radiation monitors in place to protect the water and the public.

Soultions

For the first time in a Continuous Real-Time Water Monitor the Model NEXGEN-SSS solves this problem; continuously monitoring water using Alpha, Beta and Gamma detectors. Detector data is analyzed and displayed in units of picoCuries per liter. Calculations are updated every two (2) minutes, every hour and every day. The longer update times correspond with greater precision and increased sensitivity. Sensitivities in the daily updates each meet or exceed the DHS protective Action Guideline Levels for drinking water. Please see attached chart of measurements.

Using TA's tried and true sample collection and measurement technology these detectors measure Alpha, Beta and Gamma from any radioactive liquids.

Measurements of radiation concentration and total discharge are logged 24 hours/day, 7 days/week.

CBRN Real - Time Air & Water Specialists

TA

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