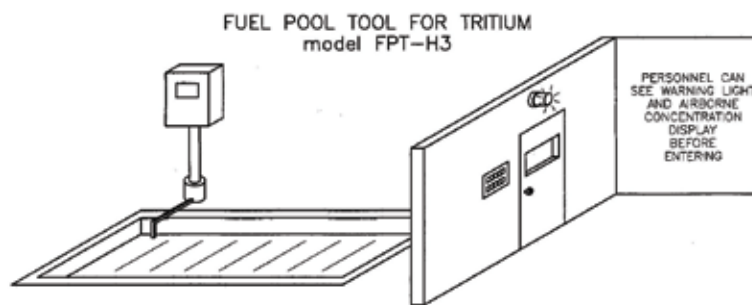


# Fuel Pool Tool

FPT-H3 Tritium Only (Air and Water)

FPT-H3-ABG (Tritium and Alpha-Beta-Gamma - Water)



## Features

- Detects Tritium Concentration in Pool Water and Air
- Real Time Continuous In-Line Instrumentation
- No Waste Stream
- Easy Calibration
- Full Scada Compatability and Control Room Integration
- User Friendly Cleaning and Decontamination
- **TA Smartpeak Software**
- Data Storage / Historical Retrieval System
- Optional – Alpha-Beta-Gamma Detectors for Water
- **Detectors: IP67**
- **Electronics: IP64**

## Application


- Monitor nuclear power plant fuel pool: water, and air condensation for Tritium and other radioactive agents.
- Control room monitoring of spent fuel pool conditions: water level, temperature, radiation.
- Real time data enables command and control to limit exposure or release on and off site.

## Problem

New NRC rules will require close real-time monitoring of spent fuel pool status and parameters including control and active inventory of on site material including Tritium oxide.



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