

Maximize Your Fire PRA Credits

Clarity on Incipient Fire Detection

The Nuclear Regulatory Commission has provided greater certainty on the incipient phase of fire and the value of incipient fire detection systems within nuclear facilities. Your fire PRA should take maximum advantage of this greater certainty.

Air-sampling Smoke Detection

FAQ 08-0046 quantifies the benefits of air-sampling smoke detection systems (ASD). These incipient fire detection systems use an aspirator/fan or air pump to draw air from an area or number of compartments via a pipe network back to the central detector. The detectors are very sensitive and continuously monitor for very small amounts of smoke. Multiple levels of alarm, programmed by software, indicate the development of any thermal event and report it to the emergency response center for appropriate action.

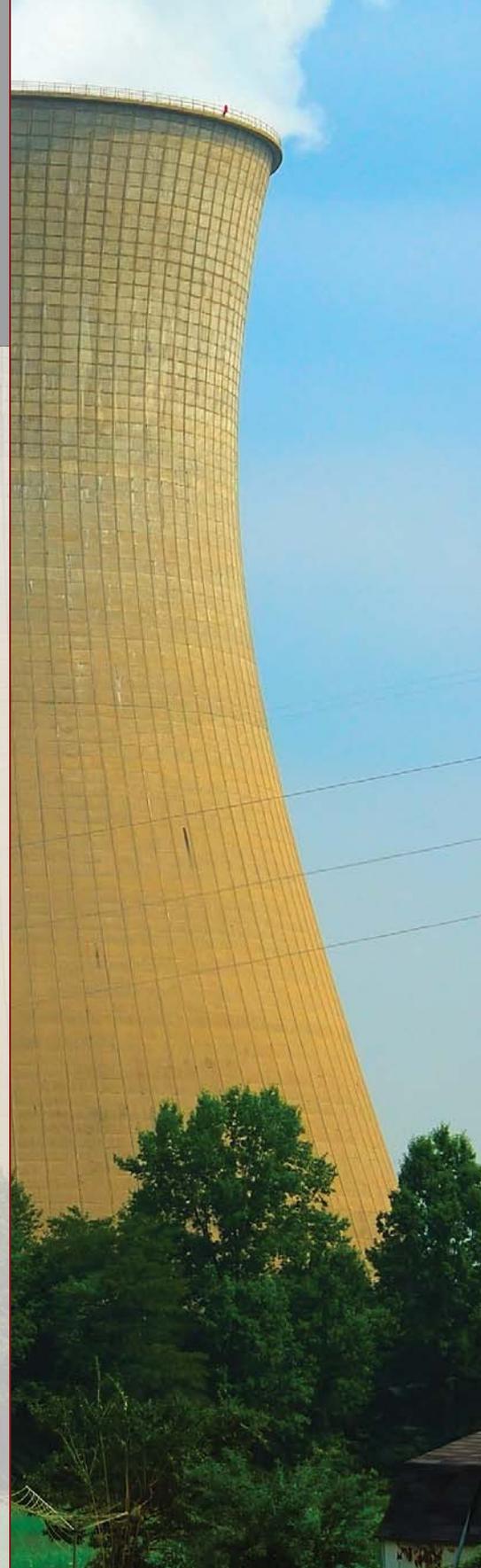
Every plant is unique, and likewise, not all ASD systems are the same. Take advantage of the unique functionality of Xtralis VESDA detectors to receive maximum credits.

Find Fires Faster at the Source

Automating the fire search and discovery process is essential to improving credits for 'Successful Operator Response.' Improved certainty and speed of fire source location within cabinets and enclosed spaces is now possible with the new VESDA VFT-15. This innovative detector provides 15 independently addressable zones from a single, centralized and networkable detector with flexible capillary tubes easily fed where needed.



The uncertainties (and credit losses) of using portable sniffers now can be avoided with zoned sampling in every compartment.



Be Sure of the Commissioned Sensitivity [absolutely]

VESDA detectors provide fixed calibration and “absolute detection.” Leveraging quality optics designs, the need for drift compensation or relative scaling is avoided. VESDA provides absolute, quantifiable assurance of sensitivity as commissioned without compromise or the need to justify any reduction in the system’s effectiveness following alarm-level adjustments.

Real-time Management and Control

The Xtralis monitoring suite enables you to configure, monitor and trouble shoot your VESDA fire detection systems. Designed to provide the operator with complete control, the user-friendly interface enables you to access and respond quickly to system events across your facility — all from one convenient location.

Why Xtralis?

Xtralis has been protecting North American nuclear facilities for more than a decade. Our solutions and understanding of application challenges enable us to solve problems others can’t, making us the best choice for fire protection.

Whether the application is finding incipient fires inside a cabinet or diluted smoke and hydrogen gas in the large, open space of a spent fuel pool, Xtralis delivers unparalleled reliability and performance.



Contact us today to learn how we can help you maximize your fire PRA credits.

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Real-time indication of all alarms is received in the full graphical context of your infrastructure.



Our software enables you to drill down to find the alarm’s source and arm your fire crews with the information they need to respond appropriately.

