

## ALLIED UNIVERSAL®, NSSC SECURITY PRODUCTS - ADVANCED VIDEO SENTRY SYSTEM (AVSS)

AVSS is an early warning / early detection video surveillance system that provides a continuous and unpredictable patrol of all assigned areas (generally outside the Protected Area (PA) to obtain early warning of possible hostile acts by Design Basis Threat Adversaries). The patrol is accomplished through the use of thermal and visible spectrum CCD cameras, an advanced video motion detection system, automated video patrol controller with tour randomizer, and Allied Universal NSSC's patented Video Capture System™ providing instantaneous alarm displays with pre and post alarm video.

AVSS was developed to assist nuclear power plants in complying with 10 CFR Part 73.55 (b) requirements for continuous surveillance of the Owner Controlled Area (OCA).

AVSS deploys an unlimited number of cameras (both thermal and visible spectrum) to provide a high probability of detection of adversaries attempting to gain access to the PA of any high secure facility. Utilizing advanced video motion detection technology in conjunction with the Video Capture System™, results in a high probability of detection of adversaries prior to breaching the PA barrier. It also increases the probability of interdiction, neutralization (specifically required for denial strategies), and security force survival. The system is designed to operate in conditions including total darkness, smoke, rain, snow, and other adverse weather conditions.

When seconds count in protecting your facility, AVSS buys you valuable time needed to assure detection of unauthorized movement prior to reaching your secured area. Response times can improve by a factor of 2 or 3. Neutralization times also improve dramatically.



### Features and Benefits

- Early detection and warning of approaching adversaries, gives response teams additional response time
- Meets 10 CFR Part 73.55 (b) requirements for continuous surveillance of the OCA
- Eliminate costly roving patrols
- Covers 100 times more area in one hour than a roving patrol
- 24/7/365 surveillance with dual view cameras (thermal and CCD)
- Motion detection technology recognized unauthorized activity and triggers an alarm
- Unpredictable touring utilizing the Tour Randomizer
- Instantaneous alarm display and assessment. Pre and post alarm video display
- Integrates into existing systems and is fully expandable