

CPCCo: Enhancing Worker Safety with SlateSafety



The Central Plateau Cleanup Company (CPCCo), based in Richland, Washington, addressed heat stress among workers at the Hanford Site by implementing SlateSafety's BAND V2. This device provided early warnings for heat stress and significantly improved worker comfort and safety.



“Heat mitigation was critical at the Hanford Site, where temperatures often exceeded 90 degrees in summer.”

-Stan Branch, EM Safety and Health Division Director.

PROBLEM



CPCCo faced the challenge of safeguarding workers, especially during strenuous tasks in extreme heat. Environmental monitoring with a Wet Bulb Globe Temperature (WBGT) thermometer was essential, helping to track outdoor conditions and protect workers. However, as technology advanced, CPCCo recognized the need to enhance their safety measures. They previously tested chest-worn monitors for real-time health tracking, but these proved cumbersome and not user-friendly.

SOLUTION



CPCCo implemented SlateSafety's BAND V2 for physiological monitoring, allowing real-time tracking of heart rate and core body temperature. This device serves as an early warning system against heat stress, notifying both workers and safety personnel when action is needed. According to Courtney Smith, OS&IH Program Manager, workers prefer the BAND V2 for its comfort and ease of use. This upgrade underscores CPCCo's commitment to safety and aligns with their mission of reducing risks and optimizing operations during environmental cleanup.

KEY OUTCOMES

0 Heat-related Incidents

While implementing the SlateSafety system.

Enhanced Safety Response

Enabled timely interventions based on real-time data.

Successful Cross-Site Adoption

CPCCo implemented BAND V2 after observing its success at UCOR.

