Radius Win – Nuclear Construction Site
Holly Mazzia
4/21/17
Radius Win Nuclear Construction Site

- Customer Overview
  - Nuclear construction site
  - Building 2 new reactors
  - At beginning of project (Nuclear site) not currently an ISC customer
  - Opportunity brought to our attention by key distributor
Radius Win Nuclear Construction Site

• Site Overview
  – Worlds largest crane
  – Very dynamic construction site
  – Mix of employees, contractors, vendors on site
Radius Win Nuclear Construction Site

• **Current State**
  – Only portable gas detection on site.
  – No way to alarm large number of people in an alarm situation.
  – Mix of employees and contractors on any given day. Challenging to keep all safe.
  – Bump tests on portables became problematic and safety team couldn’t be positive they were happening.
  – Safety team has no access to gas alarm data from the field.
Radius Win Nuclear Construction Site

• Future State
  – Use Radius for alarming all workers in an area.
  – Radius units are utilized as a portable “fixed” system. As construction moves to a new floor so does their gas detection install.
Radius Win Nuclear Construction Site

• Future State
  – Outfit Radius units with dual sense and IS power supply, allowing them to be maintenance free for 30 days at a time.
  – Utilize DSXi docking station to allow them to collect data on exposures and gas trends.
Radius Win Nuclear Construction Site

• Challenges
  – Ran into a “gotcha” with run time when dual sense on standard 4 gas was installed with a pump. Run time dropped down to 3.5 days.
  – Able to revisit application and determine how to use system in diffusion mode to get back to 30 day run time.
Radius Win Nuclear Construction Site

• Where we are today
  – Safety team has said this solution gives them peace of mind that employees and contractors alike are protected even when the guidelines on their portable monitors on not adhered to.
  – Customer has identified at least 8 more locations on site to utilize the Radius.
  – All portables are MSA but recent success and demo of our peer to peer communication between Radius and Ventis Pro has opened the door for discussions on ISC portable install.