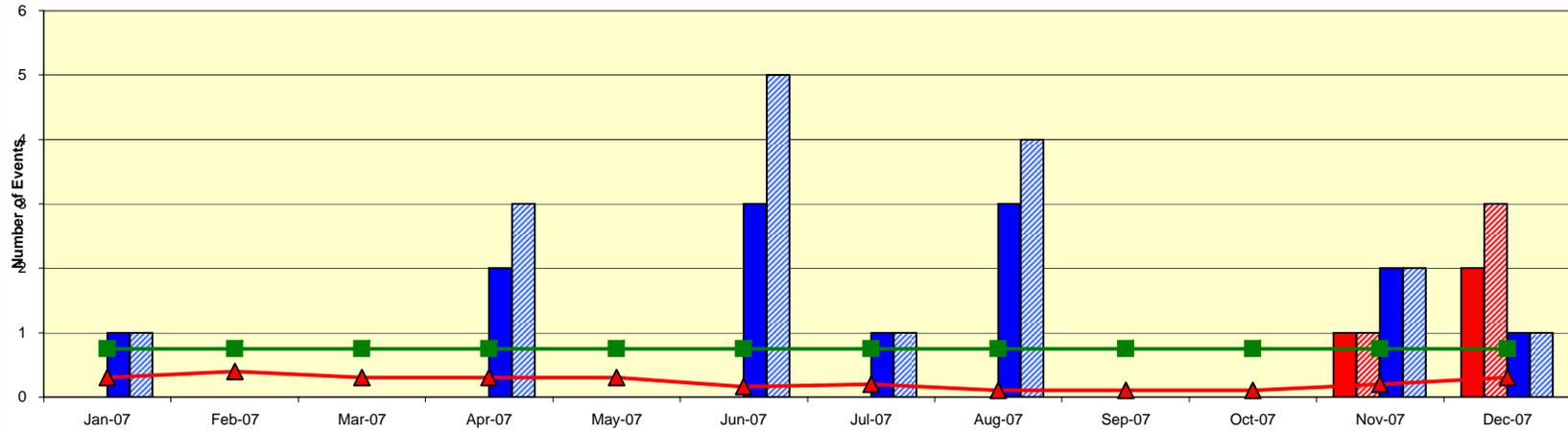
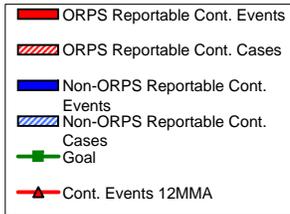


SAFETY AND SECURITY

Radiological Safety

Total ORPS and Non-ORPS Reportable Personnel Contamination Events/Cases through December 31, 2007



Data	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
ORPS Reportable Cont. Events	0	0	0	0	0	0	0	0	0	0	1	2
ORPS Reportable Cont. Cases	0	0	0	0	0	0	0	0	0	0	1	3
Non-ORPS Reportable Cont. Events	1	0	0	2	0	3	1	3	0	0	2	1
Non-ORPS Reportable Cont. Cases	1	0	0	3	0	5	1	4	0	0	2	1
Goal	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Cont. Events 12MMA	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.3

Definition

This chart reflects non-ORPS and ORPS reportable personnel contamination events/cases per month >500 dpm alpha or >5000 dpm beta-gamma. Goal has been revised to reflect the 2007 Site ALARA Committee approved goal.

Analysis / Action

Analysis: Fair Color: Yellow
ORPS events:12/1/07-MRS operator contaminated while performing remediation/visual inspections. A maximum of 8K d/m/100cm² alpha (skin), 11K d/m/100cm² alpha (modesty clothing). **12/22/07**- HTF Operators contaminated while performing DIP sampling at Tank 51. One Operator had a maximum of 60K d/m/100cm² BG (skin) & 15K d/m/100cm² BG (modesty clothing) & another had 45K d/m/100cm² BG (skin) & 10K d/m/100cm² BG (modesty clothing). **Non-ORPS events:**11/30/07 Shoe contamination case in DWPF Particle found on shoe of 22K d/m/100cm² BG. **12/27/07** DWPF Shoe contamination case with a maximum of 12K d/m/100cm² BG & 3K d/m/100cm² alpha **Action:** Individual facilities are reviewing recent events and errors for facility-specific actions. A site-level critique is scheduled in early January to review recent contamination events across the site for any additional programmatic response that might be necessary.

Goal-ORPS

Goal is based on ORPS Contamination Events
 Blue: 0
 Green: 1
 Yellow: 2
 Red: > 2

Comments

WSRC PI Owner: Michael Gilles (803) 952-8389 WSRC SME: Ellen Parrish (803) 952-6557
 DOE PI Owner: Brenda Mills (803) 952-8125