

3047

## RISK DESCRIPTION

## TREND

## CURRENT

## RESIDUAL

SCI\_SPA\_Level 3\_Alpha particles from Am-241\_(1.2 Range and energy loss of alpha particles)



Negligible

Not Assessed

## RISK OWNER

## RISK IDENTIFIED ON

## LAST REVIEWED ON

## NEXT SCHEDULED REVIEW

Manuel Emilio Pumarol Crestar

05/07/2017

05/07/2017

05/07/2020

## RISK FACTOR(S)

## EXISTING CONTROL(S)

## PROPOSED CONTROL(S)

## TREATMENT OWNER

## DUE DATE

Radiation -Sealed source Am-241.  
Radiation Exposure from Am-241  
(<0.1uSv/hr @detector end, 1.4uSv/hr  
at chamber surface 24/5/2013)

Control: Am-241 source is in a sealed  
brass vacuum chamber, with perspex  
guard.

Maximum exposure will be less than  
0.1uSv/hr.

Vacuum system can be hazardous if  
operated incorrectly.

Control: Vacuum system is positioned  
behind perspex so that students cannot  
easily adjust it.