

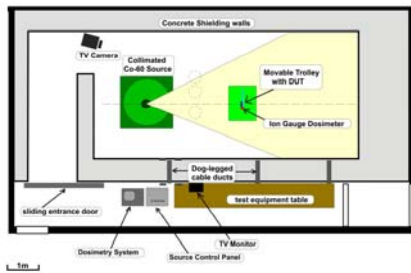
# ESTEC Co-60 Facility

Nominal 2000Ci Source

Constructed in 1988

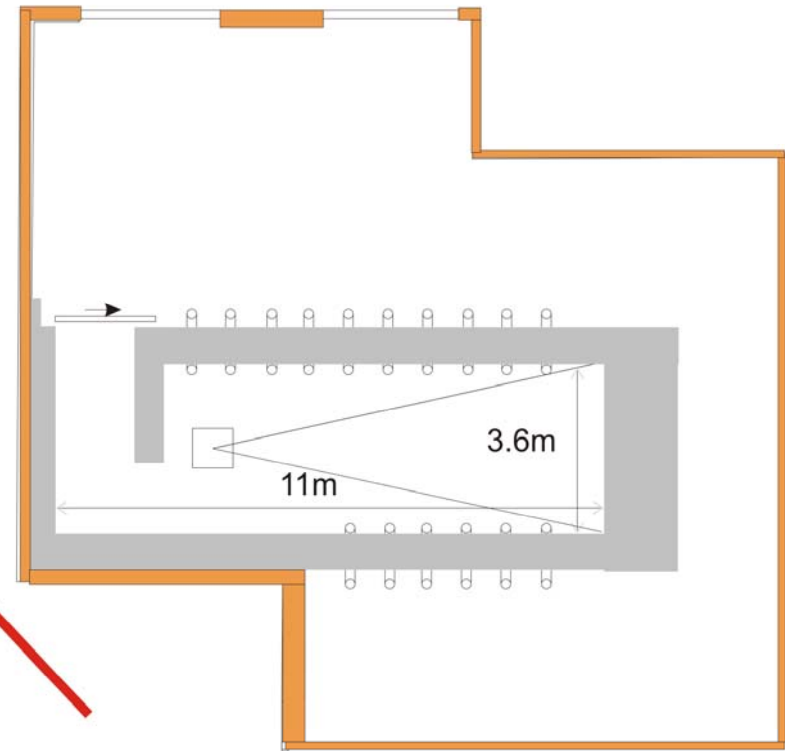
Reloads in 1995 & 2001

- Summer 2007 – facility moving to a new, larger laboratory
- Dose rates available from 0.5 rads/min to 100 rads/min  
ie – able to cover the ELDRS range of interest
- The facility will be reloaded with a new 2000Ci Co-60 source.
- It is estimated that the removal will mean the facility being unavailable for 3 -4 weeks.
- With numerous feed-throughs and access from 2 sides the facility will have the capability of running multiple tests at the same time.

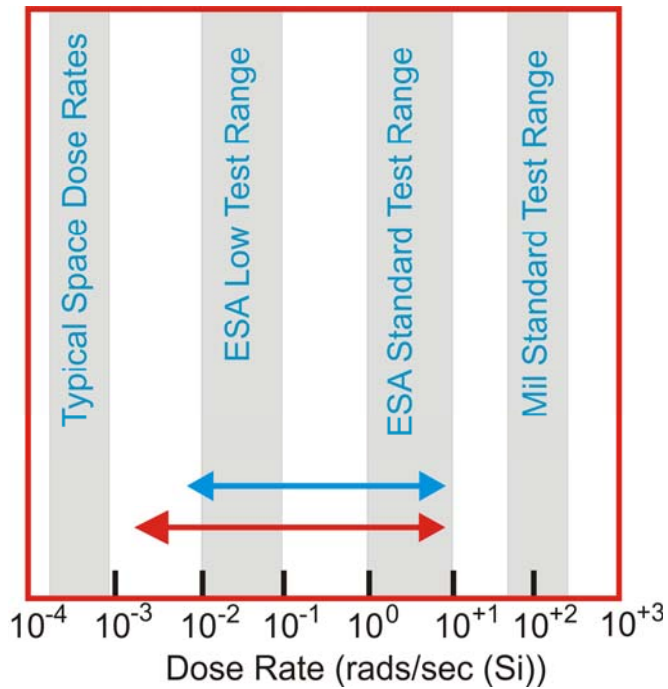


Estec 2000 Ci Co-60 Facility

1988



2007



Typical Tests carried out in 2006 include :

SiC samples

RF MEMs

Magnetometer

Opto-couplers

OLED

SRAMs

MOEMs

Glass samples

ELDRS

Li-Ion batteries

+ year long background irradiation of APS devices

During 2006 the uptime of the source was 7420 hours (85%)

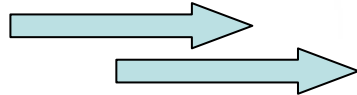


## ESA RADIATION EFFECTS AND COMPONENT ANALYSIS TECHNIQUES SECTION

Due to the new ESCIES web page layout some links maybe broken, pages missing and some text is incorrect. We hope to resolve all these problems as soon as possible and user feedback will assist us. So please inform the webmaster of any problems you encounter. Thank you in advance for your understanding and assistance.

### DOCUMENT PROPERTIES

Data provider: *bnickson edit*  
last modified: Fri Nov 24 14:20:12 CET  
2006



- GENERAL INFORMATION
- RADIATION DATABASE
- STANDARDS
- RADIATION TEST FACILITIES
-  FACILITY SCHEDULES
- RADIATION ENVIRONMENT MONITORING INSTRUMENTS
- RADIATION EVALUATION OF DDR / DDRII SDRAM MEMORIES
- STUDY, CONFERENCE & OTHER PAPERS
- RADECS THEMATIC WORKSHOP ON EUROPEAN SEE ACCELERATORS
- QCA FINAL PRESENTATION DAYS
- CONFERENCE & COURSE ANNOUNCEMENTS
- RADECS 2003
- LINKS TO DOSE RATE CALCULATOR AND EXTERNAL SITES
- CONTACTS



<https://escies.org>



## REMINDER :

- + the facility is available free of charge to ESA projects & programmes
- no mechanism in place to charge commercial customers

## REMINDER 2 :

Next RadWG meeting :

Tuesday 6<sup>th</sup> February 2007 in Estec.

