Latest results on SLAC phase 2 collimators

L. LARI ON BEHALF OF FLUKA TEAM

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After 1 day of cooling time @ 1.15E16 annual losses







Conclusions

• For the TCSM.A6L7.B1, we have about 2.3 kW of difference in energy deposition between the SLAC and CERN design.

Results from EDMS 863919 shows at 50 cm from the TCP.C6L7.B1 tank (the higher contributor) value of about 4.5 mSv/h → at the same location of about 50 cm from the TCSM.A6L7.B1 tank, we have about a factor 1.5 with the CERN design and a factor of 0.8-1 with the SLAC design. → Impact on *Intervention time*

NB: I have not considered here the turn of the SLAC jaws!