

CPS criteria, in the order of importance

1. Temperature safety in the absorber and in the other components.
 - Includes stability with respect to possible beam condition variations.
2. Prompt and residual radiation environment.
 - Inside and outside of the tagger hall.
 - Inside and outside of the main hall.
3. Photon beam quality.
4. Costs, ease of construction, installations, and maintenance.
 - Includes risks associated with keeping the schedule.
 - Includes reliability and longevity issues.
5. Size and weight of the CPS assembly.
6. Other benefits, like extensions to higher energies etc.