



GENERAL ATOMICS
AND AFFILIATED COMPANIES



Target Factory Labor Assumptions & Mitigation of Single Point Failure

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Relatively large target fabrication staffing levels assume continuous operation and contributes \$0.05 per target

12 non-shift workers +5 shifts * 31 workers/shift = 167 workers

Shift Workers

3 Supervisors

3 QA staff

2 Health physicist

9 Operators

-1 in contactor area

-4 in hohlraum parts and assembly

-2 in fill/layer

-2 in target injection

14 Technicians

-2 in contactor area

-6 in hohlraum parts and assembly

-3 in fill and layer

-3 in target injection

Non-shift

1 Plant manager

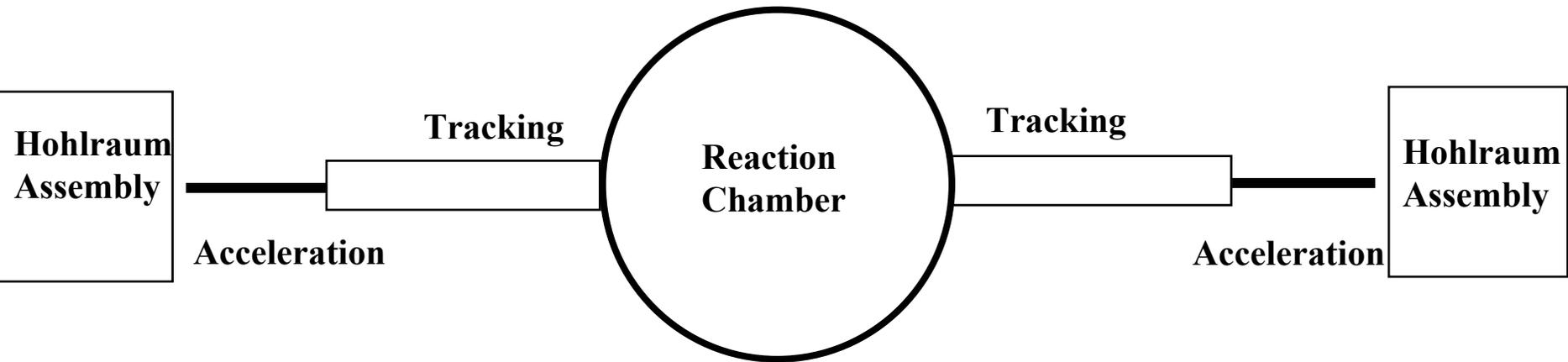
5 Engineers

6 Clerical

Even reducing manning levels to 1/3 with increased automation is not likely to reduce costs by more than \$0.02 per target



Two independent hohlraum assembly and injection systems could increase plant availability



Each system capable of 6 Hz operation

Empty capsules and hohlraums would have large supply (~ 1 month supply)

An extra batch of cooled, filled and layered capsules would be always be available