



IAC RACE Operations, Data Acquisition

Mckay Garfield
Idaho State University



Overview

- Accelerator
- Tanks
- Radiation monitoring tools



Accelerator

- 25 MeV
- Frequencies vary from 7.5 Hz to 90 Hz
- Power varies from 90 W to 800W
- CuW Target



Tanks

- First tank
- Second tank
 - Water handling
 - Fuel tray assembly



Radiation Monitoring Tools

- Mn chips
- Ge detector
- MPA software
- ^3He detector



What next?

- Complete water handling system
- New detectors



Thanks

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