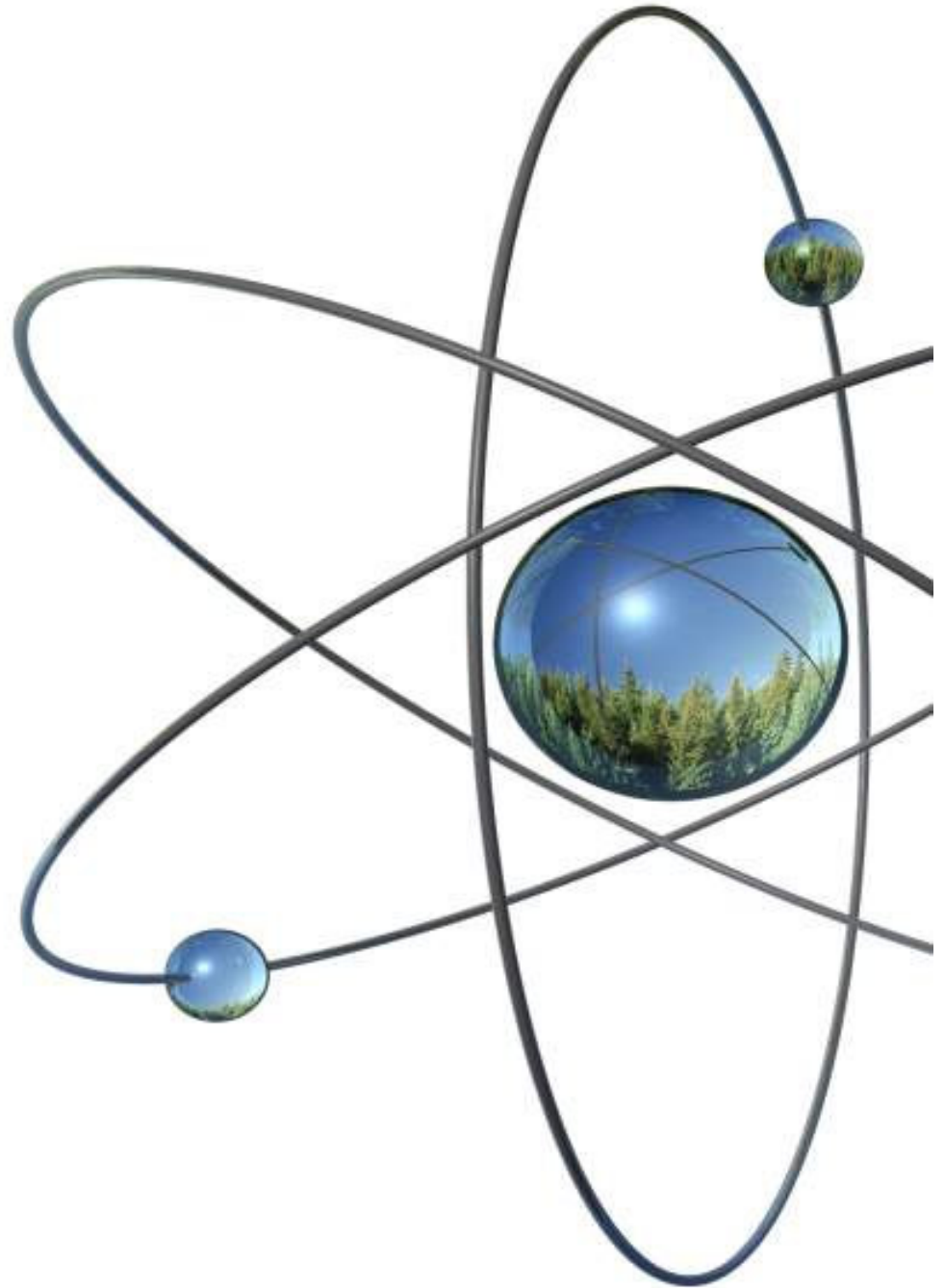


USNRC FCIX: Advanced Recycling

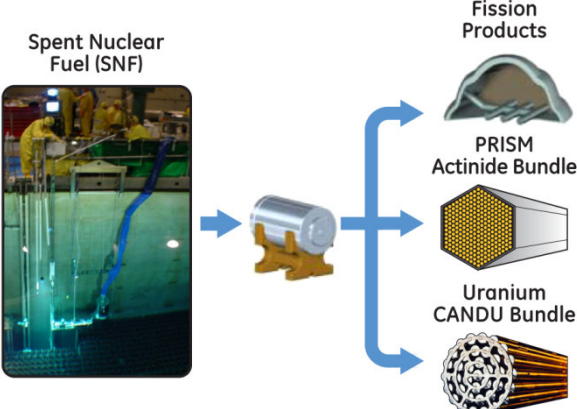
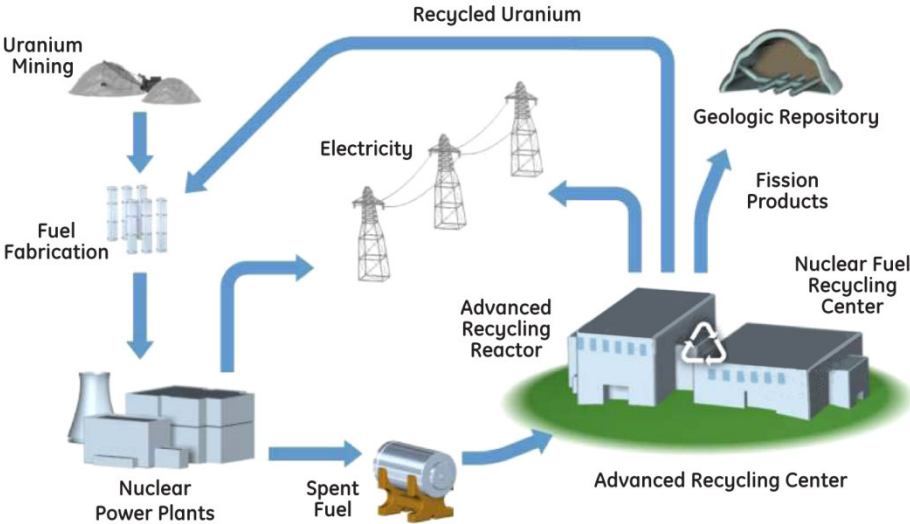
Earl Saito Ph.D.
June, 2009



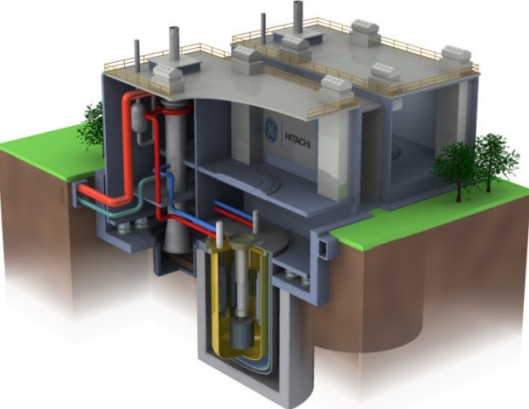
HITACHI



The Advanced Recycling Center closes the nuclear fuel cycle

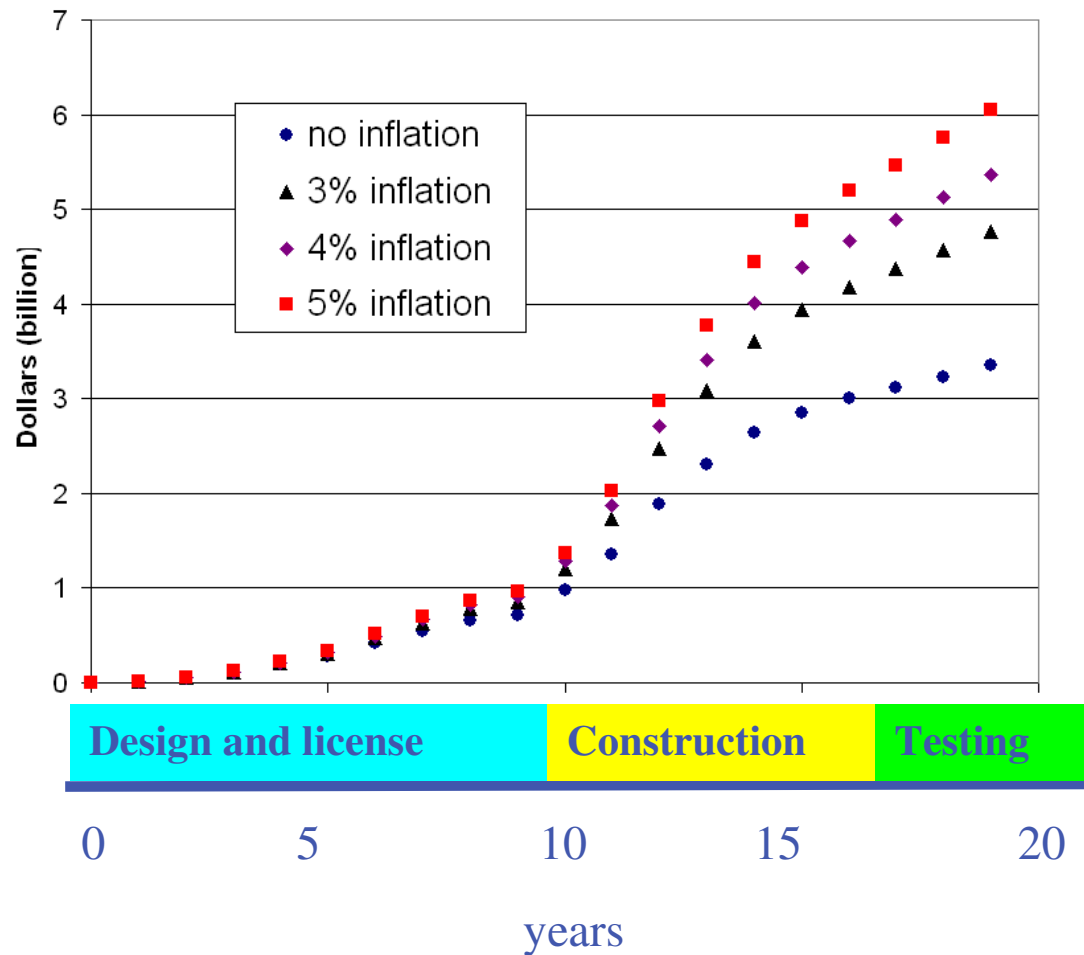


NFRC - electrometallurgical



PRISM reactor vessel

Long time frame leads to large cost uncertainty



Requirements for success

- Regulatory certainty
- Risk based rules
- Limits based on public and worker safety with ALARA
- Timely review and approval of applications

