



RIC 2007

GNEP and Fuel Cycle

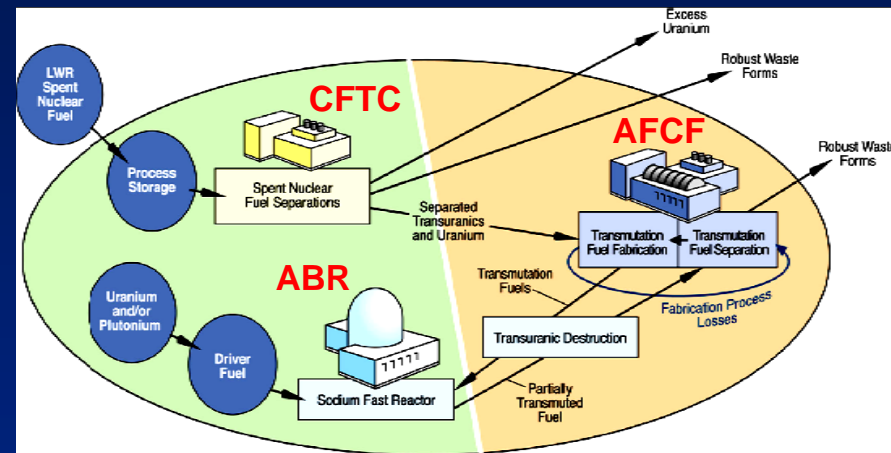
Robert Pierson, Panel Chair
Director Fuel Cycle Safety & Safeguards
March 15, 2007

General Session Information

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GNEP Overview

- Global Initiative that proposes to close the fuel cycle
- Could involve several interconnected facilities
 - Consolidated Fuel Treatment Center (CFTC)
 - Advanced Burner Reactor (ABR)
 - Advanced Fuel Cycle Facility (AFCF)
- NRC likely to be the regulator for CFTC and ABR



Possible NRC Activities

- To address GNEP, NRC:
 - Submitted a commission paper with regulatory options for licensing
 - Is examining regulatory/guidance changes needed
 - Is hiring new employees with fuel cycle expertise
 - Is strategizing on how to efficiently regulate the integrated facilities

Purpose of Panel Session

- To gain insight into how other organizations view NRC's role on GNEP
- Obtain feedback on proposed regulatory approaches
- Determine what interactions are needed to make GNEP successful.

Panelists

- **Buzz Savage**
 - Director, Fuel Cycle R&D, DOE
- **Joseph Giitter**
 - Deputy Director, Special Projects and Technical Support Directorate
- **Frank Goldner**
 - Manager, Advanced Fuel Development, DOE
- **Dr. Earl Saito**
 - Manager, GNEP Environmental Assessment, GE Nuclear
- **Felix Killar**
 - Senior Director, Fuel Supply and Material Licensees, NEI