



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire



Safeguards from a Canadian Perspective

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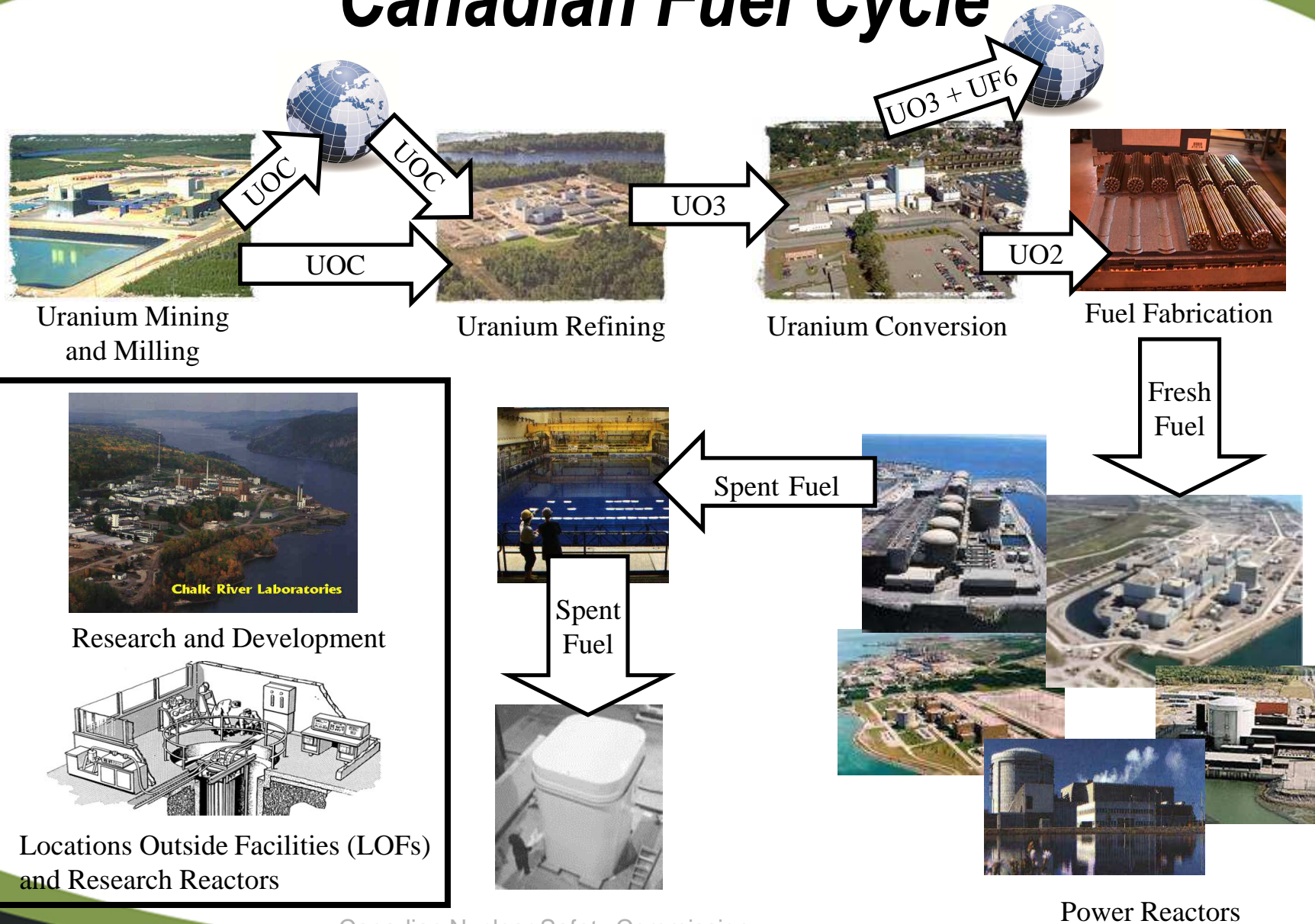
Outline

- Canadian Nuclear Safety Commission (CNSC)
- The Canadian fuel cycle
- Safeguards in Canada
- Effective cooperation

Canadian Nuclear Safety Commission

- The Canadian Nuclear Safety Commission (CNSC) is Canada's nuclear regulatory agency
- The CNSC "...regulates the use of nuclear energy and materials to protect health, safety, security and the environment, **and to implement Canada's international commitments on the peaceful use of nuclear energy**; and to disseminate objective scientific, technical and regulatory information to the public."

Canadian Fuel Cycle



Safeguards – Setting the scene

- Why?
 - To deter the proliferation of nuclear weapons
- What?
 - Measures through which the IAEA seeks to verify that nuclear material is not diverted from peaceful uses
- Who?
 - IAEA → implements safeguards internationally
 - CNSC → Canada's Safeguards Regulatory Authority (SRA)
 - Other government agencies → DFATD, Mission
 - Licensees → subset of CNSC licensees

Evolution of Safeguards in Canada

**Non-Proliferation Treaty
1970**



**Traditional Safeguards (CSA)
1972 – 2000**



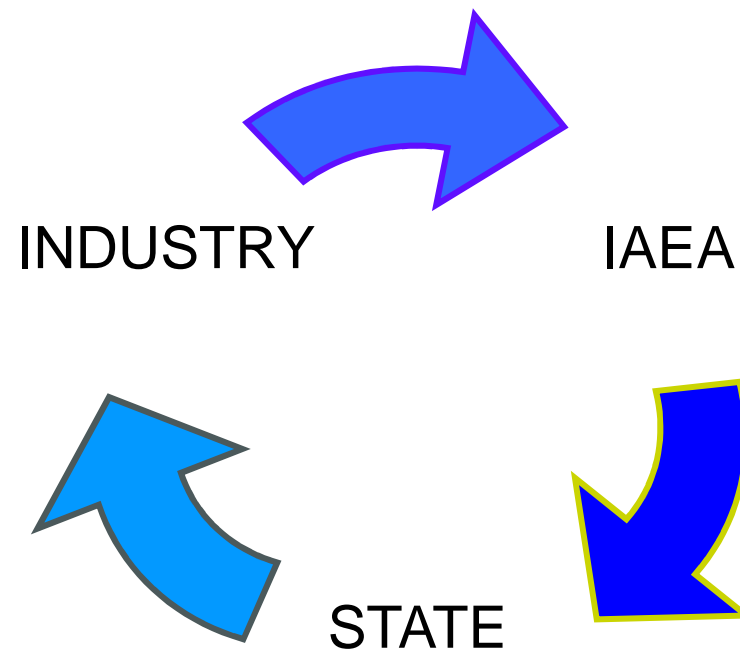
**Strengthened Safeguards (AP)
2000 – 2005**



**Broader Safeguards Conclusion
State Level Approach
2005 – present**

Effective Cooperation

Engaged stakeholders





Thank You!

Women in the CNSC

