

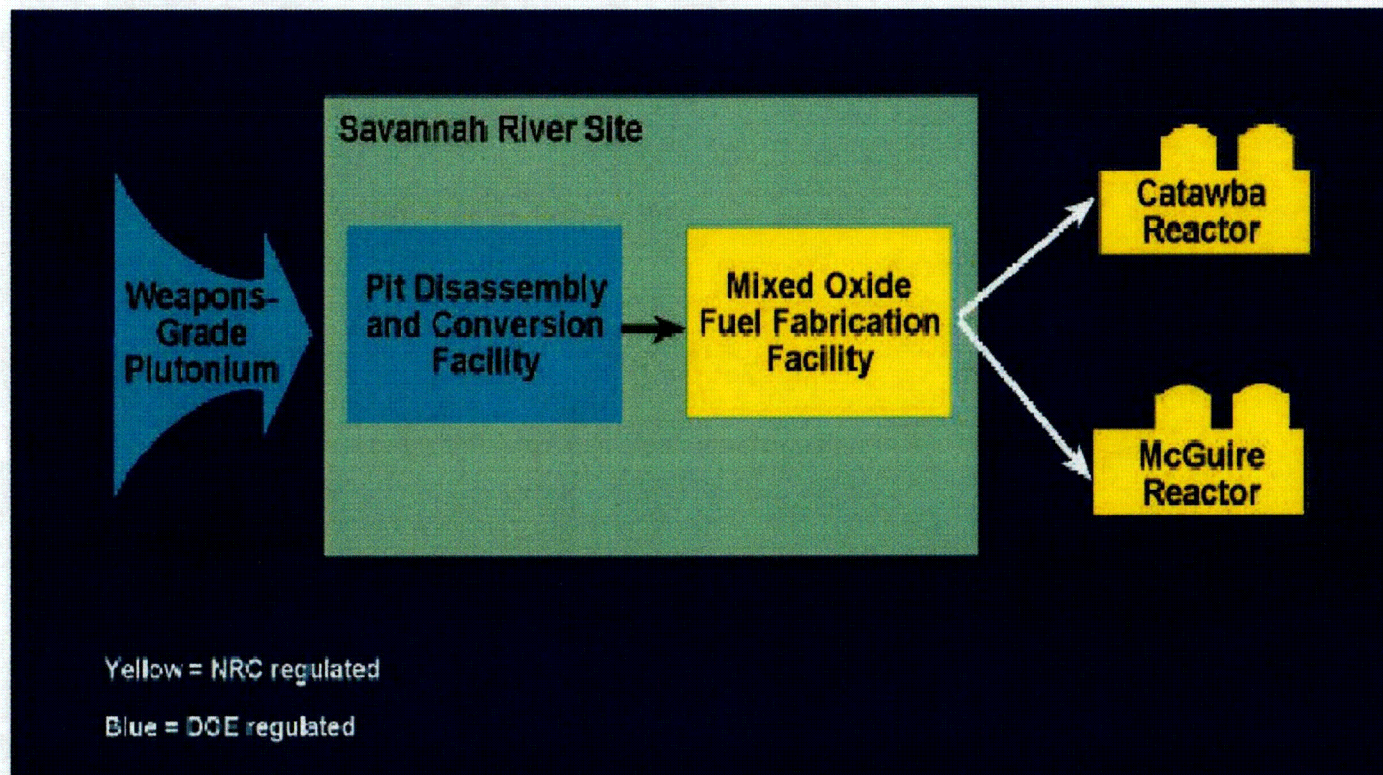
Status of Licensing Reviews for U.S. MOX Project

Robert Pierson

U.S. Nuclear Regulatory Commission

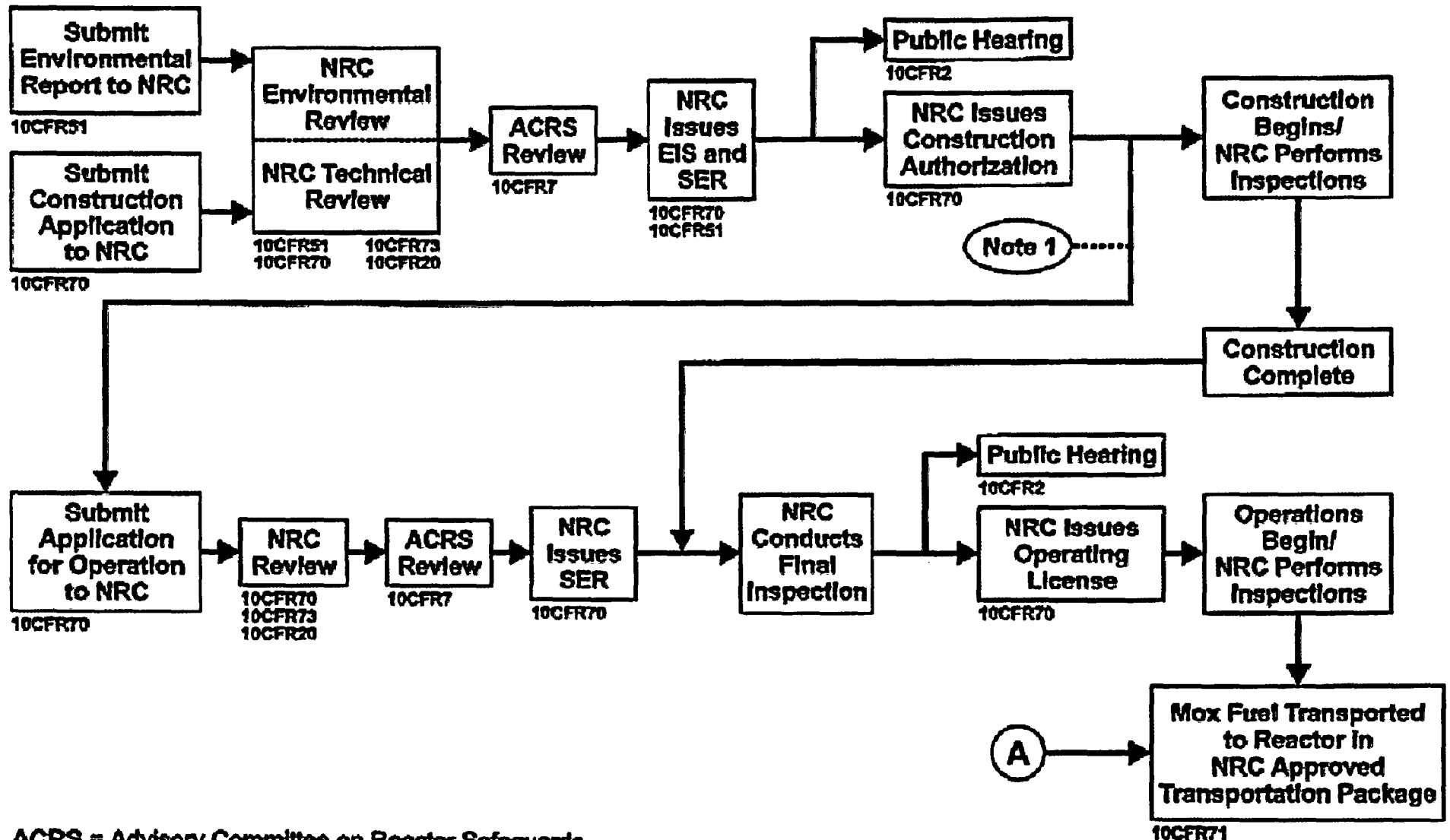
December 14, 2004

NRC Role in Regulating Mixed Oxide Fuel



C-01

LICENSING PROCESS FOR MOX FUEL FABRICATION FACILITY



ACRS = Advisory Committee on Reactor Safeguards
 EIS = Environmental Impact Statement
 SER = Safety Evaluation Report
 10CFR70 = Title 10 of the Code of Federal Regulations, Part 70

NOTE 1:
 It is expected that application for operation will be submitted after construction is authorized but it can be submitted at any time.

MOX Review: Current Status

- All Open Items have been closed
- Draft Final Safety Evaluation Report sent to ACRS and DCS for review
- NRC web site
 - <http://www.nrc.gov/materials/fuel-cycle-fac/mox/licensing.html>

Licensing Schedule

Date	Action
December 2004	ACRS Reactor Fuels Subcommittee Meeting on Final Safety Evaluation Report (FSER)
January 2005	Issue <i>Federal Register</i> Notice of Availability of Final Environmental Impact Statement
February 2005	ACRS Full Committee Meeting
February 2005	Issue FSER/Decision on issuance of the MFFF Construction Permit
24 months after license application	Issue FSER/Decision on issuance of license for possession and use (provided NRC receives quality application)