

RIC 2020



U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment
#NRCRIC2020

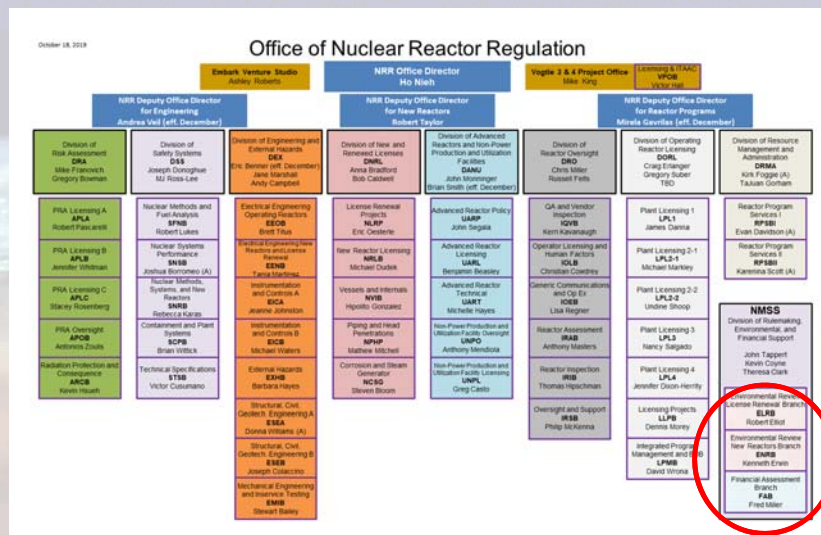
Overview of NEPA Streamlining Efforts at the NRC




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Center of Expertise Formation in NMSS





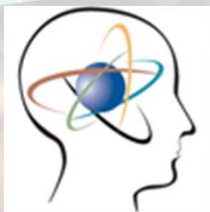
Recent and Ongoing Efforts

- Casework completion and schedule achievement
- Incorporation of lessons learned into ongoing and future reviews
- Preparing for the future





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Recent Accomplishments

- Updating of guidance
 - Regulatory Guide 4.2 — 2018
 - Environmental Review for Micro-Reactors Interim Staff Guidance (ISG) — 2020
 - New Reactor Environmental Standard Review Plan Draft Revision — 2020 (planned)
 - Subsequent License Renewal SRP — 2017
 - Section 106 ISG — 2020 or later (planned)
- Participation in activities related to FAST-41 and Executive Order 13807, as appropriate
- Knowledge management

FAST-41: Title 41 of the Fixing America's Surface Transportation Act
Executive Order 13807, "Establishing Discipline and Accountability in the Environmental Review and Permitting Process for Infrastructure Projects," August 15, 2017

Challenge

Final Environmental Impact Statement
for an Early Site Permit at the
Clinch River Nuclear Site

Reader's Guide
April 2019

Environmental Impact Statement for an
Early Site Permit (ESP) at the
Clinch River Nuclear Site

Final Report
Chapters 1 to 12

U.S. Nuclear Regulatory Commission
Office of New Reactors
Washington, DC 20555-0001

U.S. Army Corps of Engineers
Nashville District
Nashville, Tennessee 37203

Environmental Impact Statement for an
Early Site Permit (ESP) at the
Clinch River Nuclear Site

Final Report
Appendices A-M

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Nashville District
Nashville, Tennessee 37203

Generic Environmental
Impact Statement for License
Renewal of Nuclear Plants

Supplement 5, Second Renewal

Regarding Subsequent
License Renewal for Turkey
Point Nuclear Generating
Unit Nos. 3 and 4

Final Report

Manuscript Completed: October 2019
Date Published: October 2019

Office of Nuclear Reactor Regulation

1,366 Pages

656 Pages



Enhancements to Efficiency and Effectiveness

INNOVATE

INNOVATING HOW WE WORK

ENHANCING OUR AGENCY CULTURE
and processes to be a more efficient and effective regulator, prepared to respond to rapid changes in our environment.





Enhancements to Efficiency and Effectiveness



NEPA.GOV

ADAMS: Agencywide Documents Access and Management System

- Effective Use of National Environmental Policy Act (NEPA), Council on Environmental Quality, and NRC implementing regulations
- Reduce duplication in documentation
- Reduce discussion of basic science and refer to external sources or appendices
- Reduce size and number of appendices by referring to public (ADAMS) white papers or topical reports or the environmental report
- Enhanced use of incorporation by reference
- Better implement the NEPA “hard look” standard, especially for advanced reactors that may have small impacts
- Better focus reviews for technical resource impacts



The Future

