



MONTICELLO UNIT 1 SUBSEQUENT LICENSE RENEWAL RE-ENERGIZING LICENSE RENEWAL MARCH 12, 2025



Agenda

- Introduction
- Overview
- Lessons Learned
- Potential Improvements

Introduction

General Information

- Monticello Unit 1
 - BWR-3 with Mark I containment

MNGP Historic Milestones	Years
Initial License, 1670 MWt	1970
Power Uprate, 1775 MWt	1998
First License Renewal Approval	2006
License Renewal PEO Start	2010
Extended Power Uprate, 2004 MWt	2013
SLR Approval	2024
Subsequent License Renewal PEO Start	2030
Current License Expiration	2050

OVERVIEW

SLRA PROCESS	Duration	MT Dates
Feasibility Evaluation	6 Months	Q3 2020 -- Q1 2021
SLR Application Development	18 Months	Q3 2021 – Q4 2022
Application Submittal	-	Jan. 9, 2023
NRC Review	24 Months	Q1 2023 - Q4 2024
Record of Decision (ROD)		Dec. 30, 2024
License and License Basis Updates	1 Year	Q4 2024 – Q4 2025
Equipment Inspections	2 cycles (4 Years)	Q2 2025 – Q2 2029
71003 Phase V NRC Inspection (Last RFO or 6 Month Prior to SPEO)		Q2 2029 – Q1 2030
SPEO	-	Sept. 8, 2030

Lessons Learned

- Application format
- Webportal
- Audits
- Communication
- Supplements / RAIs and RCI
- ACRS Meeting

Potential Improvements

- ACRS Meeting
- RCI
- SECY-24-0026 (Road Map)
- NRC Review Hours

