



**Pre-Submittal Discussion:
EnergySolutions
10 CFR 50 Appendix B
Quality Assurance Program Description
Topical Report Submittal**

Purpose of Pre-Submittal Engagement



- Provide an overview of the Quality Assurance Program Description (QAPD) submittal
- Request NRC review and approval of the QAPD submittal in support of new nuclear licensing activities for the Kewaunee Power Station (KPS) site
- Provide an opportunity for NRC staff to ask questions on the planned approach before submittal
- Discuss the time frame for QAPD submittal and review/approval

Agenda



- Introductions
- Background
- Kewaunee New Nuclear Initiative (KNNI) Project Overview
- QAPD Submittal Overview
- Timing for Submittal and Subsequent Actions
- Review / Summary
- Questions

EnergySolutions Personnel:

- Joe Lynch – EnergySolutions Director Regulatory Affairs
- Chris Boschetti – EnergySolutions D&D Group Director Quality Assurance
- Michael Janus – EnergySolutions Project Quality Assurance Manager
- Jim Moorman – KNNI Project Regulatory Support

Background



- ES has developed a QAPD to support EnergySolutions new nuclear and licensing activities
- QAPD submitted under the Topical Report Review Process for NRC review and approval in advance of upcoming major licensing action submittals
- Approved QAPD will be included / referenced in new nuclear licensing submittals

KNNI Project Overview



- ES is working with WEC Energy Group for the beneficial re-use of the Kewaunee Power Station Site
- ES Letter January 7, 2026 - Notice of Intent to Submit an Application for a Major Licensing Action for a New Nuclear Plant at the Kewaunee Power Station Site in Wisconsin – [ML26008A168]
- NRC Letter January 13, 2026 - Project Number 99902159 assigned [ML25351A153]
- Currently planning Site Characterization activities which are planned to commence in 2026

QAPD Submittal Overview



- QAPD will support ES new nuclear licensing activities and specifically address:
 - 10 CFR 50, Appendix B requirements
 - Latest NRC-endorsed Quality Standards (ASME NQA-1-2022)
 - Current applicable NRC Regulatory Guides
- QAPD is built on applicable content of NEI 11-04A, “Nuclear Generation Quality Assurance Program Description”
 - NRC-accepted NEI template
 - Consistent with other recent NRC-approved QAPDs

QAPD Submittal Overview



- NRC-accepted NEI 11-04A (2013) includes:
 - Regulatory Guide (RG) 1.28, Revision 4
 - Requirements of ASME NQA-1-2008/2009a
- QAPD incorporates the latest revision:
 - RG 1.28, Revision 6
 - ASME NQA-1-2022
- QAPD incorporates the non-Operational QA program elements of the NEI template

QAPD Submittal Overview



- This QAPD does not replace:
 - Existing NRC-approved QA program for ES 10 CFR 71 Licensed activities
 - Existing QA Programs for the TMI-2 and Kewaunee Decommissioning projects where ES is the licensee

Timing of Submittal and Subsequent Actions

- ES plans to submit the QAPD for NRC review and approval no later than March 2026
- Post-submittal actions

- Request NRC review and approval of the QAPD in support of new nuclear licensing activities to satisfy the requirements of 10 CFR 50, Appendix B
- QAPD is consistent with NRC-accepted Template, NEI 11-04A, for a non-Operations QAPD
- QAPD addresses the requirements of ASME NQA-1-2022 as endorsed by RG 1.28, Revision 6
- QAPD will be submitted to NRC by March 2026



Thank You

Questions?