

# NEI 22-01, License Termination Process

NRC Public Meeting on  
NUREG-1757, Vol. 2, Rev. 2

October 11, 2022



# Introduction to NEI 22-01, License Termination Process

- Culminates extensive body of regulatory guidance and past industry experience into a practical “how to”
- Provides user with appropriately selective references to applicable regulations, NUREGs, and other guidance
- Further “consolidates” NUREG-1757, Vol. 2 guidance to reflect the specific needs of commercial nuclear power reactors
- Provides many examples of how license termination tasks have been completed with NRC approval at decommissioned sites
- Includes suggested planning milestones, timelines, and stakeholder interfaces to promote transparency and efficiency.

# NEI 22-01 Contents

1. Introduction to the License Termination Process
2. Site Characterization
3. Identification of Remaining Site Dismantlement Activities
4. Remediation Plans
5. Final Status Survey Plan
6. Compliance with Radiological Criteria for License Termination
7. Update on Site-Specific Decommissioning Costs
8. Supplement to the Environmental Report
9. Final Status Survey Reporting

# NEI 22-01 Appendices

- A. Application of Advanced Technologies
- B. Example Calcs for Base Case and Operational DCGLs
- C. Crosswalk between LTP and NUREG-1700
- D. Suggested Federal and State Regulatory Interface Plan
- E. Typical License Termination Milestone Schedule
- F. Site Specific Does Modeling Experiences
- G. Example of Characterization, Remediation and FSS of Groundwater

# NEI 22-01 Schedule

## Action

- Complete Draft Rev. 0, distribute for industry review
- Pre-submittal Meeting
- Submit to NRC for review
- Submit fee waiver request
- Respond to NRC RAIs, as needed
- NRC approval (desired outcome)

## Date

- October 18, 2022
- November TBD
- December 15, 2022
- December 15, 2022
- 2023
- TBD

# The NEI 22-01 Team



## Name

## Affiliation

Gerry Van Noordennen (Lead)	Energy Solutions (Consultant)
Bill Barley	Pacific Gas and Electric (Consultant)
Ron Cardarelli	CN Associates
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Jean Fleming	Holtec
Willie Harris	CN Associates
Rich McGrath	EPRI
Bruce Montgomery	NEI
Sarah Roberts	Energy Solutions
Kris Rowberry	Pacific Gas and Electric
Mike Smith	NEI

# Closing Thoughts

- Success in DECON is a key enabler in demonstrating the sustainability of commercial nuclear energy
- Progress is being made on front end with the proposed transition rule, emphasis needs to shift to improving efficiencies on the “back end”
- License termination remains one of the most technically challenging and time-consuming aspects of DECON, and companies face many uncertainties during planning and execution
- NRC and industry should continue to focus on those issues most relevant to public health and safety and protection of the environment
- A strong bias for action is imperative to close gaps in regulatory guidance to better serve the communities with plants undergoing DECON today