

Donald C. Cook Nuclear Plant Pre-Application Public Meeting for Proposed License Amendment to Revise the CNP Emergency Plan December 14, 2022



Agenda

- Introductions
- Description of Change
- Regulatory Requirements & Guidance
- Evaluation Approach
- Schedule

Desired Outcome

Communicate the Intent of the Planned Submittal

Provide a high-level review of the submittal content

Create a Common Understanding of the Planned Submittal

Description of Change

- Donald C. Cook Nuclear Plant (CNP) is proposing a rewriting of the Emergency Plan using the approved 2019 NUREG-0654 Rev. 2
 - Each NUREG-0654 evaluation criterion (planning element) is explicitly stated, followed by a description of how the CEP addresses that criterion
 - Changes to On-Shift and Augmented ERO Staff
 - Move to 90 minute ERO Staff augmentation for all positions
 - Change requirement of drive-in drill from annually to once per 8-year cycle
 - Remove administrative burden from current CEP
 - Information located in other documents or programs, i.e. UFSAR, Fire Drills
- Potential “reductions in effectiveness” (RIE) with respect to the current emergency plan or NUREG-0654 Rev. 2 will be justified to show continued adequate emergency preparedness

Evaluation Approach

- Side-by-side comparison of the current emergency plan against the submitted CNP Emergency Plan identified potential RIE
- Each potential RIE with respect to the current emergency plan or NUREG-0654 Rev. 2 are justified to show continued adequate emergency preparedness
 - Functional analysis performed to support staffing changes
 - RIS 2016-10 reviewed with respect to all differences from NUREG-0654 Rev. 2 Draft
 - Offsite Response Agency concurrence letters will be included

Schedule

LAR will request approval of the Cook
Emergency Plan developed consistent with
NUREG-0654, Rev. 2.

Submittal to the NRC by the end of March 2023

Request 9 month NRC review



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Questions?