

# Industry Input on Fuel Performance and Canister Internals

Stakeholder Input on Dry Storage License Renewal

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# Fuel Performance/Internals

- Cask certificate/FSAR contains criteria to limit fuel and internals aging effects:
  - Remove water and dry to established criteria
  - Backfill with helium
  - Maintain cladding temperature during operations and storage

# Fuel Performance/Internals AMP

- A high burnup AMP will rely on the EPRI/DOE High Burnup Dry Storage Cask Research and Development Project (HDRP) as a surrogate program.
  - Contains four types of cladding
  - Monitors temperature during loading/storage operations
  - Examination of sister rods prior to storage and after long-term storage

# Toll Gate Assessments

- Periodically perform assessments of aggregated feedback from the HDRP along with other scientific/industry information.
- Toll gates are established every ten years, starting 5 years into the term of license renewal.
- Additional details of tollgates will be contained in final version of NEI 14-03 for NRC endorsement.