

TN EAGLE

New CoC Revision Application
NRC PRE-APPLICATION MEETING

May 1st, 2024



Project Presentation

The TN Eagle is a Universal Transport Cask developed by Orano TN and licensed for Transportation under NRC regulation 10 CFR Part 71, CoC 9382 Rev. 0

Identified contents are:

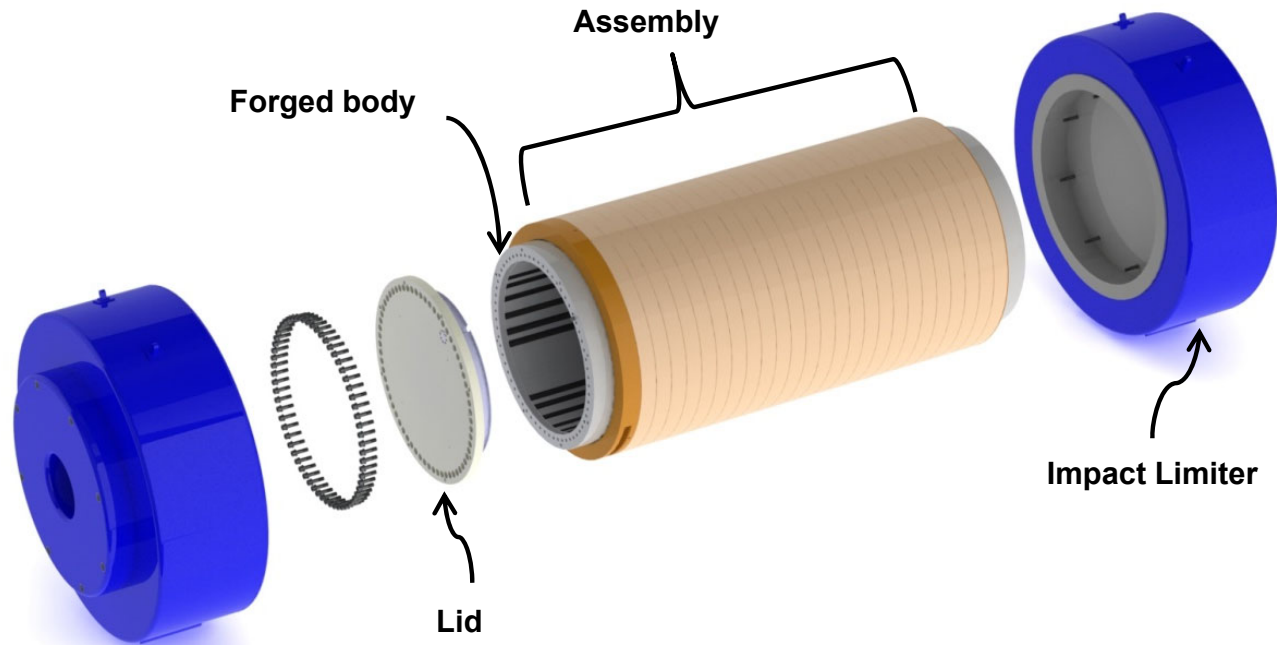
- CoC 1042 - EOS Dry Shielded Canisters
- CoC 9255 - MP 187 Dry Shielded Canisters
- CoC 9302 - MP 197HB Dry Shielded Canisters

A licensing application for a revision to CoC 9382 is planned to be submitted mid-2024

Cask Presentation

Single shell, forged body

New technology for assembly and handling principles



Objectives of the amendment request

Reconcile the licensed design with the as-fabricated design

A neutron shielding resin with better temperature limit was used instead of the resin specified in the license

A different paint with better resistance was used

Various other minor changes were made to the design

Criticality updates to expand an existing content and cover some DSCs already loaded



orano

Giving nuclear energy its full value