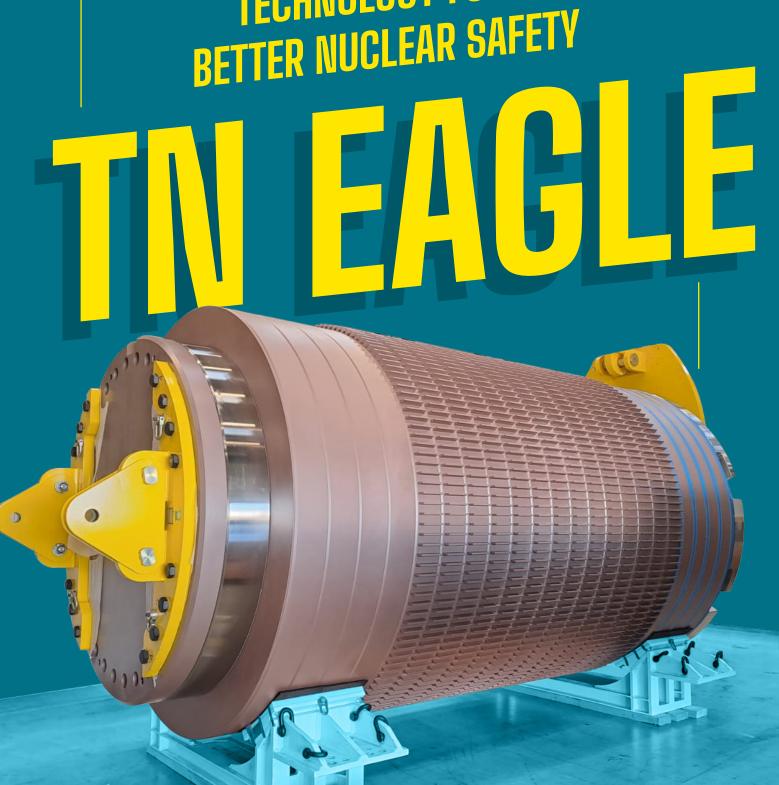


A BREAKTHROUGH TECHNOLOGY FOR A BETTER NUCLEAR SAFETY



AN INNOVATIVE CONCEPTION FOR INCREASED COMPETITIVENESS



ORIGIN OF THE TN EAGLE DESIGN

Previous generations of casks for transport and dry storage were too complex to fabricate:

- Lots of welding
- All operations in serie driving to many sow in case of issues
- ightarrow Too long fabrication lead time
- > Lack of competitiveness

TN EAGLE : A BREAKTHROUGH TECHNOLOGY

- No welding
- \rightarrow 10 times fewer components
- All components made in paralell
- → Final assembly in less than 4 months



ESTABLISHING A NEW PARADIGM OF PACKAGING MODEL

UNRIVALLED PERFORMANCE

- ightarrow Shrink fitted rings
- ightarrow No welding in the final assembly
- ightarrow No cladding in the final assembly
 - Enhanced heat load and shielding



A FULLY AUTOMATED FACTORY FOR MORE SAFETY AND BETTER QUALITY

- 9 automated workstations for optimal repeatability and quality
- Digital factory : all setups information dedicated to a specific cask / customer is recorded an loaded
- → QR code for parts identification and traceability
- On call movements with an Automated Guided Vehicle (AGV)
- Final documentation released faster

SERVING CUSTOMER NEEDS THROUGH MAXIMIZED MODULARITY

- Rings materials choice depending on thermal dissipation
- Number of rings and fins for optimal modularity
- ightarrow Gamma and neutron shielding
- → Weight optimization
- ightarrow Modular licensing

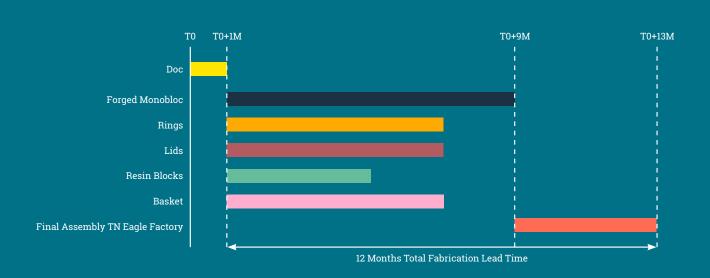
HIGHLY SKILLED PEOPLE

- → 15 qualified operators
- \rightarrow 6 production engineers
- \rightarrow 1 black belt engineer
- Several experts in remote mode
- → Full maintenance contract from a well established area



ECORD BREAKING MANUFACTURING LEAD TIME

- Modular design : a customizable solution
- ightarrow All components made in paralell of the monoblock forged body
- Final assembly in less than 4 months
- > No welding : quality improved
- On demand call of small batches





A BREAKTHROUGH TECHNOLOGY FOR A BETTER NUCLEAR SAFETY

TN EAGLE IN A NUTSHELL

- Already licensed in France, USA, Japan, ... Soon in Switzerland, Belgium, etc.
- 6 years from the first sketch to a fabrication line producing TN Eagle casks at full capacity
- Monobloc forging for better safety
- No welding / no cladding = quality improved
- Total fabrication leadtime in less than 12 months from customers p.o.
- More than 100 casks already ordered
- Fully 4.0 digital factory
- → Highly skilled and commited people

BRINGING ADDED VALUE TO OUR CUSTOMERS MAXIMISE FLEXIBILITY

TIME

Short notice decision / on demand call of small batches

FINANCIAL RESOURCES

Competitive & cash effective solution

OPERATIONS

One design for all npp life cycle phases



DUAL PURPOSE:

ALL-IN-ONE TRANSPORT AND DRY STORAGE SYSTEM

