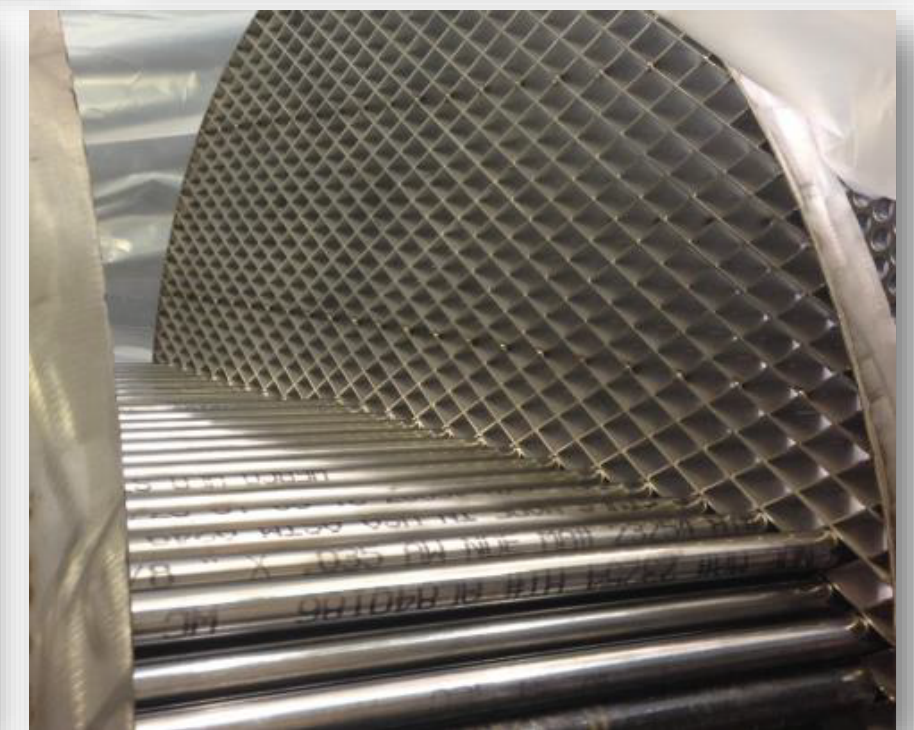
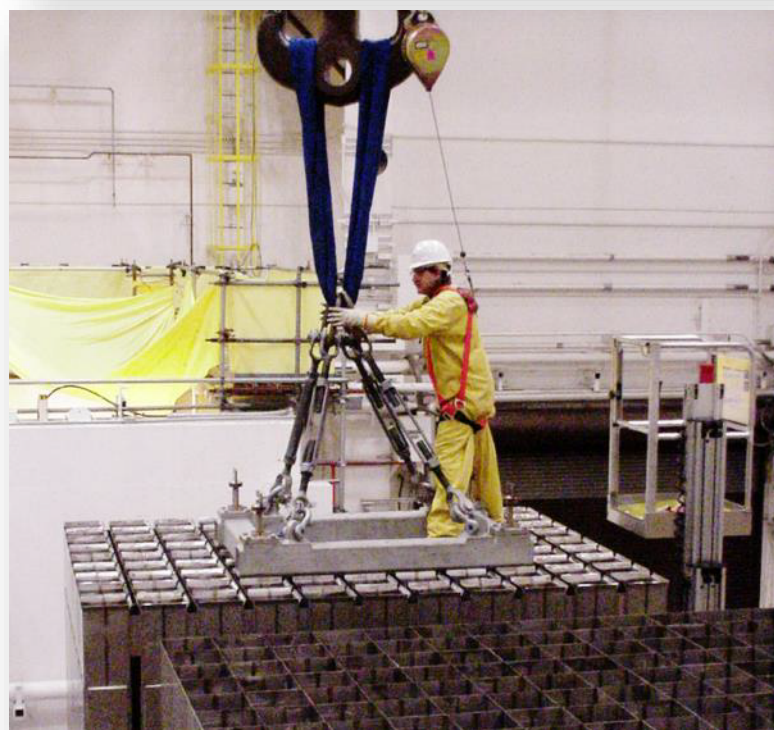
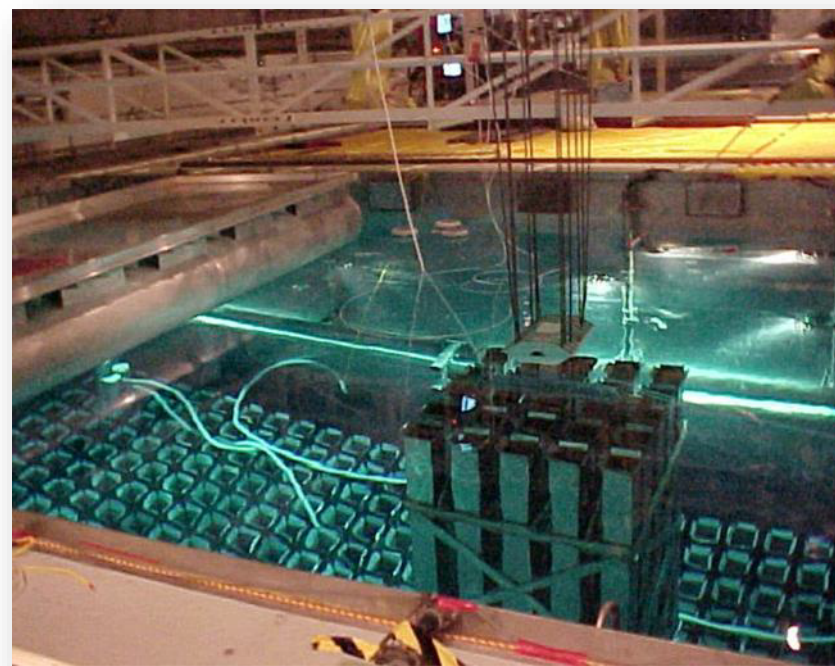


HI-STORM UMAX Amd 6 Pre-submittal Meeting



Agenda

- Description of HI-STORM UMAX Version F
- Description of HI-TRAC VW MSC
- Additional Changes:
 - ✓ Incorporate MPC-37 and MPC-89CBS across all variants of the HI-STORM UMAX
 - ✓ Incorporate Thermal Topical Report for Allowance of New Heat Load Patterns
 - ✓ New Fuel Classification
 - ✓ Remove Heat Load Penalty
- Schedule
- Questions

HI-STORM UMAX Version F

- New version: HI-STORM UMAX Version F
- The Version F overpack stores the same MPC types as HI-STORM UMAX VVM
 - ✓ Incorporate MPC-37CBS and MPC-89 CBS (across all HI-STORM UMAX variants)
- New transfer cask is also introduced

HI-STORM UMAX Version F Design

- The design of the HI-STORM UMAX Version F is similar to the HI-STORM UMAX except:
 - ✓ No divider shell
 - ✓ New vent design

- New Version: HI-TRAC VW MSC
- The MSC transfer cask moves the same MPC types as HI-TRAC VW
- This version has no water jacket

- The design of the HI-TRAC VW MSC is similar to the HI-TRAC VW except:
 - ✓ No water jacket
 - ✓ Higher weight
 - ✓ Lead and Holtite in the shell

Additional changes:

- Incorporate MPC-37CBS and MPC-89CBS across all variants of the HI-STORM UMAX
- Incorporate Thermal Topical Report for Allowance of New Heat Load Patterns
 - ✓ These changes will be described in further detail in the closed portion of the meeting
- Add a new fuel classification to the CoC/FSAR
- Remove heat load penalty
 - ✓ Holtec will provide benchmarking data to showcase the safety of the HI-STORM UMAX overpack

Schedule

- After this meeting, will incorporate any NRC feedback
- Planned submittal for December 2025
- Will request a standard 2 year review period

Thank You



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