

Goshen, John

From: Kimberly Manzione <K.Manzione@holtec.com>
Sent: Tuesday, April 26, 2016 3:21 PM
To: Goshen, John
Subject: [External_Sender] HI-STORM 100 Amd 9 Rev 1 Typo
Attachments: Pages from ML16056A554 - HI-STORM 100 Amd 9R1 App A.PDF

John,

In looking at the finalized version of Amd 9 R1, we noticed that there was a typo in App A, Table 3-1. The heat load says >30kW, but the footnote says Note 5, which limits per cell heat loads to 1.25kW/cell for the MPC-24 (1.25x24=30kW total), 0.937kW/cell for the MPC-32 (0.937x32=30kW total) or 0.441 for the MPC-68 (0.441x68 =30kW total). Obviously, since the total heat loads based on per cell allowable numbers are 30kW, that is not the correct footnote for the >30kW row. The footnote should be note 6.

I've attached a markup for clarity. I know in the past you've been able to issue corrected pages for typos, is that possible in this case?

Thanks,
Kim

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Table 3-1
MPC Cavity Drying Limits for all MPC Types

Fuel Burnup (MWD/MTU)	MPC Heat Load (kW)	Method of Moisture Removal (Notes 1 and 2)
All Assemblies $\leq 45,000$	$\leq 30^{\text{Note 5}}$ (MPC-24/24E/24EF, MPC-32/32F, MPC-68/68F/68FF) $\leq 36.9^{\text{Note 6}}$ (MPC-68M)	VDS or FHD
All Assemblies $\leq 45,000$	$> 30^{\text{Note 5}}$ (MPC-24/24E/24EF, MPC-32/32F, MPC-68/68F/68FF)	FHD
One or more assemblies $> 45,000$	≤ 29 (MPC-68M)	VDS ^{Note 4} or FHD
One or more assemblies $> 45,000$	$\leq 36.9^{\text{Note 6}}$ (MPC- 24/24E/24EF/MPC-32/32F/MPC- 68/68F/68FF/MPC-68M)	FHD

Note 6

Notes:

- VDS means a vacuum drying system. The acceptance criterion when using a VDS is MPC cavity pressure shall be ≤ 3 torr for ≥ 30 minutes.
- FHD means a forced helium dehydration system. The acceptance criterion when using an FHD system is the gas temperature exiting the demister shall be $\leq 21^{\circ}\text{F}$ for ≥ 30 minutes or the gas dew point exiting the MPC shall be $\leq 22.9^{\circ}\text{F}$ for ≥ 30 minutes.
- Deleted
- The maximum allowable decay heat per fuel storage location is 0.426 kW.
- Maximum allowable storage cell heat load is 1.25 kW (MPC-24/24E/24EF), 0.937 kW (MPC-32/32F) and 0.441 kW (MPC-68/68F/68FF).
- Maximum allowable heat loads under uniform or regionalized storage defined in Appendix B, Section 2.4.1 or 2.4.2.