
From: Mary Lampert <mary.lampert@comcast.net>
Sent: Friday, January 09, 2015 10:00 AM
To: McKinley, Raymond
Cc: Pine DuBois
Subject: Pilgrim's cask- weight?

Hello Ray and Happy New Year!

There is a dispute up here regarding the actual weight of Pilgrim's dry cask.

I think the widely varied numbers may refer to different steps in the process. Hope you can resolve it.

Is my understanding correct that Pilgrim is using Holtec HI-Storm 100 S Version B MPC-68 dry cask storage system? The system is comprised of three components: MPC-68, HI-TRAC 100D, and HI-STORM 100 S Version B MPC-68.

- MPC-68 is a leak-tight metal canister that has a storage capacity of 68 BWR spent fuel assemblies.
 - HI-TRAC 100D transfer cask is a metal transfer cask that provides a means to lift and handle the canister as well as provide radiological shielding of the spent fuel assemblies
 - HI-STORM 100 S Version B storage overpack is steel-encased concrete storage cask that provides physical protection and radiological shielding for the metal canister when in storage. It is vented for natural convection cooling to dissipate the spent fuel decay heat.
1. How much does the cask itself weigh when placed into the pool to get loaded?
 2. How much does the fully loaded cask (68 assemblies) weigh while inside the pool?
 3. How much does the cask weigh when it is taken out of the pool, dewatered and then lowered to the building floor to get ready for transport?
 4. How much does it weigh when placed on the outdoor pad-total weight that includes assemblies, canister, outer pack?

Thank you!