

From: Cash, John [John.Cash@ur-energyusa.com]
Sent: Friday, August 24, 2012 10:04 AM
To: Bjornsen, Alan
Cc: Steve Hatten; Catherine.Bull@ur-energyusa.com
Subject: RE: Slurry Tankers

Alan,

Our accident analysis in Section 7.4.7.1 of the Technical Report lists us shipping 70 loads per year at full production (2 million pounds per year). This equates to about 36,000 pounds per load consisting of about 28,500 pounds of U3O8 per load plus about 7,500 pounds of water per load since it is in slurry form.

Due to the density of U3O8 the restriction on shipments is weight and not volume. Therefore, any tanker larger than 463 cubic feet would be large enough to transport 2 million pounds of U3O8 per year in 70 shipments (this assumes the slurry is 70% solids).

Hope this helps.

John

From: Bjornsen, Alan [<mailto:Alan.Bjornsen@nrc.gov>]
Sent: Thursday, August 23, 2012 11:16 AM
To: Cash, John
Subject: FW: Slurry Tankers

John,

Do you know what size tankers you had proposed, originally?
Thanks.

Alan

From: VonTill, Bill
Sent: Thursday, August 23, 2012 12:31 PM
To: Bjornsen, Alan; Cohen, Stephen; Mandeville, Douglas
Subject: RE: Slurry Tankers

Have no idea as the trucks we deal with now are "resin" trucks".

From: Bjornsen, Alan
Sent: Thursday, August 23, 2012 12:00 PM
To: Cohen, Stephen; Mandeville, Douglas
Cc: VonTill, Bill
Subject: Slurry Tankers

How many gallons does the 'usual' yellowcake slurry tanker truck hold? Thanks.

Alan B. Bjornsen
Environmental Project Manager
FSME/DWMEP/EPPAD/ERB
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