

## Director Rachel Questions 06-24-21

### Additional Comments from M. Dias, Safety Officer

Item #13, p. 67. My question regarding the SOP for transferring sulfuric acid is as follows: Since contact was made via a spray from the tote shut-off valve, would it be practical and beneficial to have a portable shield or panel in place to protect the operator from direct contact such as in this instance?

**M Dias- The suggestion was discussed with a couple of operators. A shield could provide some protection. However, the operators felt it was better to have two hands available rather than having to hold a shield in one hand and reach around the shield with the other hand. With two hands free, one hand can release the tabs and the other hand can hold the cap in place so it can then be (very) slowly backed off the nozzle.**

**I would agree with this; the fine manipulation needed to carefully unlock the cam tabs and then slowly back off the cap would be hindered by needing to hold a shield in one hand.**

**Also the acid is under low pressure (i.e., just the pressure created by the height of 3 1/2' feet of acid in the tote).**