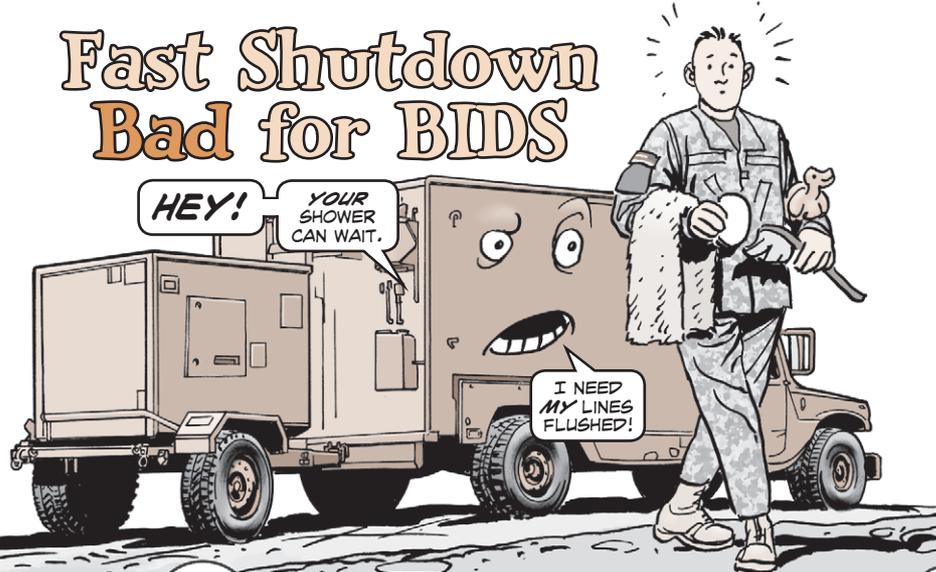


# Fast Shutdown Bad for BIDS

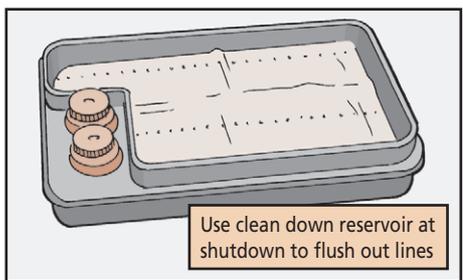


IT'S UNDERSTANDABLE THAT AFTER A LONG DAY IN THE FIELD YOU'RE IN A RUSH TO GET OUT OF YOUR DIRTY CLOTHES AND INTO A HOT SHOWER.



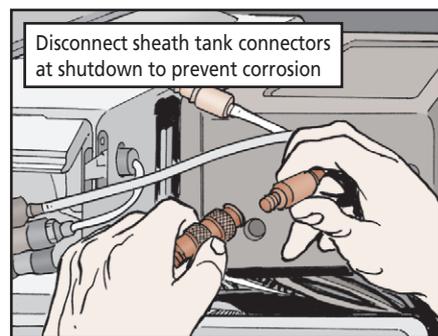
BUT THAT *DOESN'T* MEAN YOU CAN RUSH THE SHUTDOWN OF YOUR P31 BIDS (BIOLOGICAL INTEGRATED DETECTION SYSTEM).

To do a proper shutdown takes 15 minutes. That's because a proper shutdown includes flushing the entire biological detector. To do that you must remove the biological detector assay reservoir and replace it with the clean down reservoir and then run the BIDS until all solution is flushed from the lines.



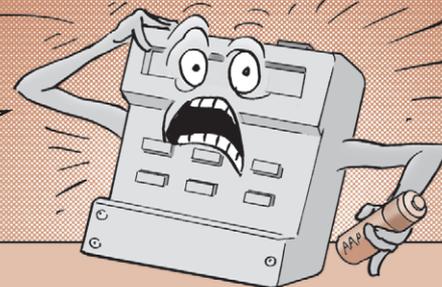
What happens if you just shut down the P31 BIDS and walk away? At best, next time you turn on the biological detector you get an RLM fault because there still is solution in the lines. But if the system sits for a long period—as it often does—the solution can crystalize in the lines and the lines clog. If they become too clogged, the lines must be replaced.

One other thing to remember at shutdown is to disconnect the sheath tank connectors that are part of the mini-flow cytometer. This isn't mentioned in the TM's shutdown procedure. If the connectors are left connected, solution can leak into the tray below the mini-flow cytometer and then spill into the chemical biological mass spectrometer. That can lead to widespread and expensive corrosion.



AN/UDR-13 Radiac Set...

**REMOVE BATTERIES OR I'M RUINED!!**



Too many AN/UDR-13 radiac sets are taking an unwelcomed trip to TMDE repair because CBRN NCOs aren't taking out their batteries for storage.

If the four AAA batteries are left in the radiac set when it's just going to sit in the CBRN room for weeks, the batteries will probably leak and corrode. That ruins the AN/UDR-13's electrical-electronic test case, which costs \$378 to replace. And it will take weeks to get it back.

All you have to do to prevent that is remember to remove those AAAs!

