# AP01A-PUMP to AZ02A-PUMP draft procedure data:

**Route Description:** use description for Waste Leak Path Screen  
Waste from tank 241-AP-101 will be transferred using AP01A-PUMP, routed through AP01A jumpers, SN-611, APVP jumpers, SN-612, AP02A jumpers, SN-622, AP02D jumpers, SN-634, AZVP jumpers, SN-632, AZ01A jumpers, SN-631, finally discharging into tank 241-AZ-102's head space through the drop leg at AZ02A-PUMP.

**Procedure Development Data**

**Section 5.5.3 heaters:** Replace existing data with the following:  
AP01A-WT-HTR-421 241-AP-01A  
APVP-WT-HTR-454 241-AP-VP  
APVP-WT-HTR-455 241-AP-VP  
APVP-WT-HTR-456 241-AP-VP  
AP02A-WT-HTR-441 241-AP-02A  
AP02D-WT-HTR-440 241-AP-02D  
AZVP-WT-HTR-457 241-AZ-VP  
AZVP-WT-HTR-458 241-AZ-VP  
AZ01A-WT-HTR-464 241-AZ-01A  
AZ02A-WT-HTR-465 241-AZ-02A

**Steps 5.17.9:** Replace existing data with the following:  
PUMP PIT 241 AP 01A  
VALVE PIT 241-AP-VP   
PUMP PIT 241-AP-02A  
241-AP-02D  
241-AZ-VP  
241-AZ-01A  
PUMP PIT 241-AZ-02A

**Checklist 1:** Replace list with:  
AP01A Jumper: G, H, J   
AP01A Jumper: A, F, H, J, R   
APVP Jumper: 17, H, 18, J   
APVP Jumper: 19, 20, J   
AP02A Jumper: A, 2, E   
AP02A Jumper: PUMP, 2, Q   
AP02D Jumper: 1, A, S   
AZVP Jumper: E, F, (L)   
AZVP Jumper: (J), (K), L   
AZVP Jumper: A, H, J   
AZ01A Jumper: U6, U11, J   
AZ01A Jumper: J, (K), A   
AZ02A Jumper: A, (J), PUMP

**Checklist 3: Transfer Valving**  
**241-AP-01A Tank Farm**  
AP01A-WT-V-001 BLOCK AP01A-WT-V-002 **(Mark as DVI)**  
AP01A-WT-V-002 BLOCK AP01A-TKR-F **(Mark as DVI)**  
AP01A-WT-V-003 BLOCK AP01A-TKR-F **(Mark as DVI)**  
AP01A-WT-V-002 BLOCK AP01A-TKR-F **(Mark as DVI)**  
**Confirm open route: (241-AP-01A)**   
**FROM**AP101-WT-P-001 SUPERNATE PUMP DISCHARGE **TO**241-AP-VP  
NOZZLE 18,  
VALVE PIT  
  
**241-AP-VP Tank Farm**  
APVP-WT-V-611 OPEN  
APVP-WT-V-601 BLOCK APVP-WT-V-603 **(Mark as DVI)**  
APVP-WT-V-603 BLOCK APVP-WT-V-601 **(Mark as DVI)**  
APVP-WT-V-602 BLOCK APVP-WT-V-614 **(Mark as DVI)**  
APVP-WT-V-614 CLOSED **(Mark as DVI)**  
APVP-WT-V-612 OPEN  
**Confirm open route: (241-AP-VP)**   
**FROM**3" SN-611  
FROM TK 101  
18 **TO**3" SN-612  
FROM TK 102  
19  
  
**241-AP-02A Tank Farm**  
AP02A-WT-V-274 OPEN  
AP02A-WT-V-273 BLOCK AP02A-TKR-E  
AP02A-WT-V-271 BLOCK AP02A-WT-V-275  
AP02A-WT-V-272 OPEN  
**Confirm open route: (241-AP-02A)**   
**FROM**A **TO**Q  
  
**241-AP-02D Tank Farm**  
AP02D-WT-V-250 BLOCK AP02D-NOZ-1  
AP02D-WT-V-253 OPEN  
**Confirm open route: (241-AP-02D)**   
**FROM**3" SN-622  
TO/FROM PUMP PIT  
241-AP-02A (Q)  
A **TO**3"SN-634  
TO/FROM VALVE PIT  
241-AZ-VP (E)  
S  
  
**241-AZ-VP Tank Farm**  
AZVP-WT-V-224 OPEN  
AZVP-WT-V-227 BLOCK AZVP-WT-V-223 **(Mark as DVI)**  
AZVP-WT-V-223 CLOSED **(Mark as DVI)**  
AZVP-WT-V-228 BLOCK AZVP-NOZ-K  
AZVP-WT-V-226 BLOCK AZVP-WT-V-221 **(Mark as DVI)**  
AZVP-WT-V-221 CLOSED **(Mark as DVI)**  
AZVP-WT-V-222 OPEN  
**Confirm open route: (241-AZ-VP)**   
**FROM**3" SN-634  
FROM PUMP PIT  
241-AP-02D  
E **TO**3" SN-632  
FROM PUMP PIT  
241-AZ-01A (U12)  
H  
  
**241-AZ-01A Tank Farm**  
AZ01A-WT-V-622 BLOCK AZ01A-PUMP  
AZ01A-WT-V-623 BLOCK AZ01A-TKR-A  
AZ01A-WT-V-621 BLOCK AZ01A-WT-V-620 **(Mark as DVI)**  
AZ01A-WT-V-620 CLOSED **(Mark as DVI)**  
**Confirm open route: (241-AZ-01A)**   
**FROM**U12 **TO**U11  
  
**241-AZ-02A Tank Farm**  
AZ02A-WT-V-101 BLOCK AZ02A-TKR-A  
**Confirm open route: (241-AZ-02A)**   
**FROM**U13 **TO**AZ02A-PUMP

**Checklist 4: Checklist 4 - Flush Transfer Route to Transfer Pump Valving**

**Checklist 5: Checklist 5 - Flush Transfer Route to Receiving Tank Valving**

**Checklist 6: Return to Transfer Valving**

**Checklist 7 - Tank pit/Structure Leak Detection**

**Checklist 7 - TFSPS Temperature Equipment Checks**  
AP01A-WT-TIT-424A ET-201681  
AP01A-WT-TIT-424B ET-201682  
AP01A-WT-TIT-424C ET-201683  
   
APVP-WT-TIT-211A ET-200801  
APVP-WT-TIT-211B ET-200802  
APVP-WT-TIT-211C ET-200803  
   
AP02A-WT-TIT-205A ET-201708  
AP02A-WT-TIT-205B ET-201709  
AP02A-WT-TIT-205C ET-201710  
   
AP02D-WT-TIT-209A ET-200789  
AP02D-WT-TIT-209B ET-200790  
AP02D-WT-TIT-209C ET-200791  
   
AZVP-WT-TIT-231A ET-200849  
AZVP-WT-TIT-231B ET-200850  
AZVP-WT-TIT-231C ET-200851  
   
AZ01A-WT-TIT-227A ET-200839  
AZ01A-WT-TIT-227B ET-200840  
AZ01A-WT-TIT-227C ET-200841  
   
AZ02A-WT-TIT-229A ET-200843  
AZ02A-WT-TIT-229B ET-200844  
AZ02A-WT-TIT-229C ET-200845

**Checklist 7 - Drain Seal Assemblies:**  
PUMP PIT 241 AP 01A CLOSED  
VALVE PIT 241-AP-VP CLOSED  
PUMP PIT 241-AP-02A CLOSED  
241-AP-02D CLOSED  
241-AZ-VP INSERTED  
241-AZ-01A CLOSED  
PUMP PIT 241-AZ-02A CLOSED

**Checklist 7 - NACE Inspection:**  
241-AP-01A ET-202075  
241-AP-VP ET-202085  
241-AP-02A ET-202076  
241-AP-02D ET-202077  
241-AZ-VP ET-201527  
241-AZ-01A ET-202098  
241-AZ-02A ET-202099