# AP01A-PUMP to AW02A-WT-TKR-101-2 draft procedure data:

**Route Description:** (i.e. Waste Leak Path Screen description)  
Waste from tank 241-AP-101 will be transferred using AP01A-PUMP, routed through AP01A jumpers, SN-611, APVP jumpers, SN-609, finally discharging into tank 241-AW-102's head space through the drop leg at AW02A-WT-TKR-101-2.

**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  
AW02A-WT-HTR-463 241-AW-02A

**Steps 5.17.9:** Replace existing data with the following:  
PUMP PIT 241 AP 01A  
VALVE PIT 241-AP-VP   
CENTRAL PUMP PIT 241-AW-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  
APVP Jumper: 14, M, P  
APVP Jumper: N, P, L  
AW02A Jumper: K, V, Y, 2  
AW02A Jumper: U, X, (Y)

**Checklist 3: Transfer Valving  
241-AP 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)  
Confirm open route: (241-AP-01A)  
FROM**AP101-WT-P-001 SUPERNATE PUMP DISCHARGE **TO**241-AP-VP  
NOZZLE 18,  
VALVE PIT  
 **241-AP Tank Farm**  
APVP-WT-V-801 CLOSED  
APVP-WT-V-805 CLOSED  
APVP-WT-V-610 CLOSED  
APVP-WT-V-611 OPEN  
APVP-WT-V-601 BLOCK APVP-WT-V-602 **(Mark as DVI)**  
APVP-WT-V-602 BLOCK APVP-WT-V-601 **(Mark as DVI)**  
APVP-WT-V-603 BLOCK APVP-WT-V-613 **(Mark as DVI)**  
APVP-WT-V-613 CLOSED **(Mark as DVI)**  
APVP-WT-V-619 OPEN  
APVP-WT-V-803 CLOSED **(Mark as DVI)**  
APVP-WT-V-802 CLOSED **(Mark as DVI)**  
APVP-WT-V-804 CLOSED **(Mark as DVI)**  
APVP-WT-V-609 OPEN  
APVP-WT-V-806 OPEN **Confirm open route: (241-AP-VP)  
FROM**3" SN-611  
FROM TK 101  
18 **TO**3"SN-609  
TO 241-AW-02A  
PUMP PIT  
14  
 **241-AW Tank Farm**  
AW02A-WT-V-117 OPEN  
AW02A-WT-V-116 BLOCK AW02A-WT-V-114 **(Mark as DVI)**  
AW02A-WT-V-114 BLOCK AW02A-WT-V-116 **(Mark as DVI)**  
AW02A-WT-V-118 BLOCK AW02A-WT-V-119 **(Mark as DVI)**  
AW02A-WT-V-119 CLOSED **(Mark as DVI)  
Confirm open route: (241-AW-02A)  
FROM**V **TO**AW02A-WT-TKR-101-2

**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**  
AP01A-WT-LDSTA-201 ET-201175 AP01A- LD-201  
AW02A-WT-LDSTA-192 ET-202784 AW02A-LD-192

**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  
AW02A-WT-TIT-215A ET-200812  
AW02A-WT-TIT-215B ET-200813  
AW02A-WT-TIT-215C ET-200814

**Checklist 7 - Drain Seal Assemblies:**  
PUMP PIT 241 AP 01A FLOOR DRAIN CLOSED  
VALVE PIT 241-AP-VP FDP-131 CLOSED  
CENTRAL PUMP PIT 241-AW-02A FLOOR DRAIN CLOSED

**Checklist 7 - Drain Valve Checklist**

**Checklist 7 - Primary Level Indication and Annulus Leak Detection**  
AP101-WST-LIT-101 ET-008539  
AP101-WSTA-LDT-151 ET-107190  
AP101-WSTA-LDT-152 ET-107192  
AP101-WSTA-LDT-153 ET-107210  
AW102-WST-LIT-106 ET-008736  
AW102-WSTA-LDT-151 ET-107339  
AW102-WSTA-LDT-152 ET-107340  
AW102-WSTA-LDT-153 ET-107341

**Checklist 7 - IsolationValves for Double Valve Isolation**  
AP01A-WT-V-001 PMID PENDING  
AP01A-WT-V-002 PMID PENDING  
AP01A-WT-V-003 PMID PENDING  
APVP-WT-V-601 PMID PENDING  
APVP-WT-V-602 PMID PENDING  
APVP-WT-V-603 PMID PENDING  
APVP-WT-V-613 PMID PENDING  
APVP-WT-V-803 PMID PENDING  
APVP-WT-V-802 PMID PENDING  
APVP-WT-V-804 PMID PENDING  
AW02A-WT-V-116 PMID PENDING  
AW02A-WT-V-114 PMID PENDING  
AW02A-WT-V-118 PMID PENDING  
AW02A-WT-V-119 PMID PENDING

**Checklist 7 - 241-AP-801 Water Service Building Equipment**  
AP801-RW-BFP-001 ET-201506  
AP801-RW-PIT-003 ET-201501  
AP801-RW-FIT-001 ET-201503

**Checklist 7 - Encasement Pressure Test:**  
AP01A-WT-WTL-SN-611 PMID Pending  
APVP-WT-WTL-SN-609 PMID Pending

**Checklist 7 - NACE Inspection:**  
241-AP-01A ET-202075  
241-AP-VP ET-202085  
241-AW-02A ET-202087

**Checklist 11 – Tank/Pit/Structure Leak Detector TFSPS Nomenclature:**

**Checklist 12 – TSR Temperature Monitoring Requirements:**  
241-AP-01A (TFMCS - AP-01A)  
241-AP-VP (TFMCS - AP-VP)  
241-AW-02A (TFMCS - AW-02A)

**Checklist 13 – Non-TSR Temperature Monitoring Requirements:**  
241-AP-01A  
241-AP-VP  
241-AW-02A

**Data Sheet 4**  
Enter AW-102 on second row.

**Data Sheet 5**  
241-AP-101  
241-AW-102

**Data Sheet 6**  
PUMP PIT 241 AP 01A  
VALVE PIT 241-AP-VP   
CENTRAL PUMP PIT 241-AW-02A

**Data Sheet 10**  
241-AP-101  
241-AW-102

**Data Sheet 11**  
AP01A- LD-201  
APVP-LD-224  
AW02A-LD-192  
AP03D-LD-210  
KLD-FP

**Table 2**  
AP SN-611 241-AP-VP, 18 241-AP-01A, A  
AP SN-609 241-AW-02A, V 241-AP-VP, 14