

Figure 4a2.1-1 – Irradiation Unit Cell Schematic

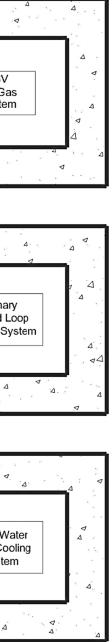
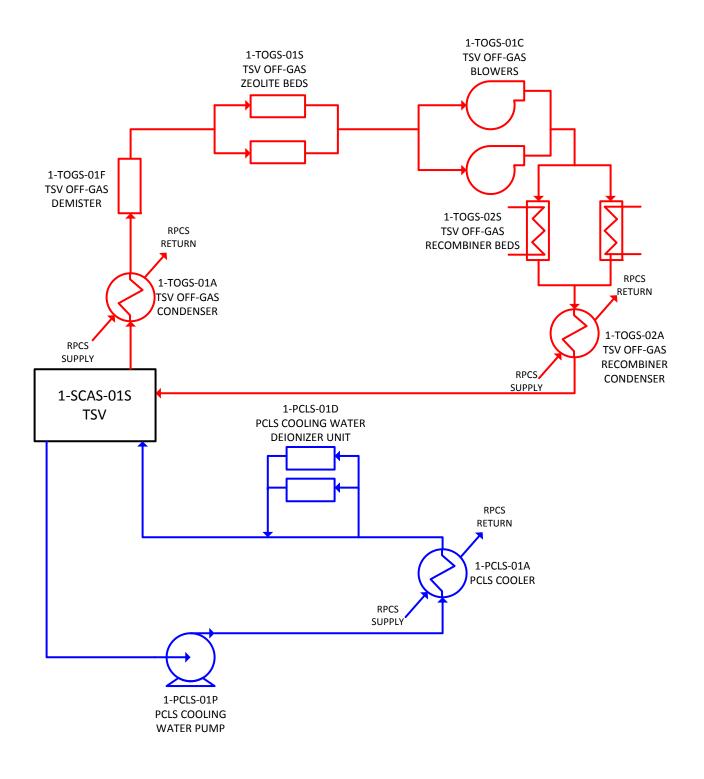


Figure 4a2.1-2 – Subcritical Assembly

Proprietary Information – Withhold from public disclosure under 10 CFR 2.390(a)(4) Security-Related Information – Withhold under 10 CFR 2.390

### Figure 4a2.2-1 – Target Solution Process Hold Tank Elevations

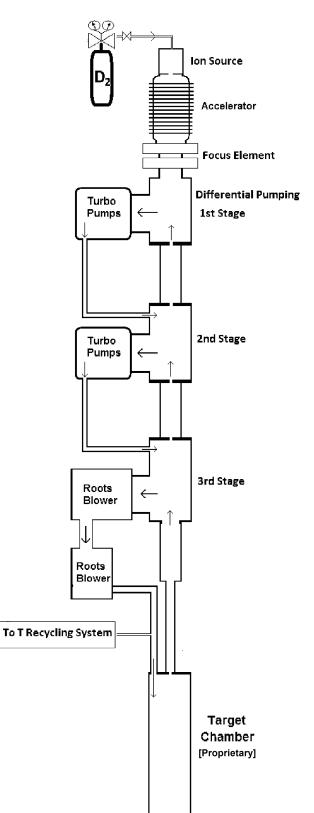
Proprietary Information – Withhold from public disclosure under 10 CFR 2.390(a)(4) Security-Related Information – Withhold under 10 CFR 2.390





## Figure 4a2.3-1 – Neutron Driver Assembly System Subsystems

# Figure 4a2.3-2 – Solid Model of 300 kV Direct Injection Accelerator

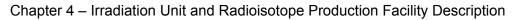




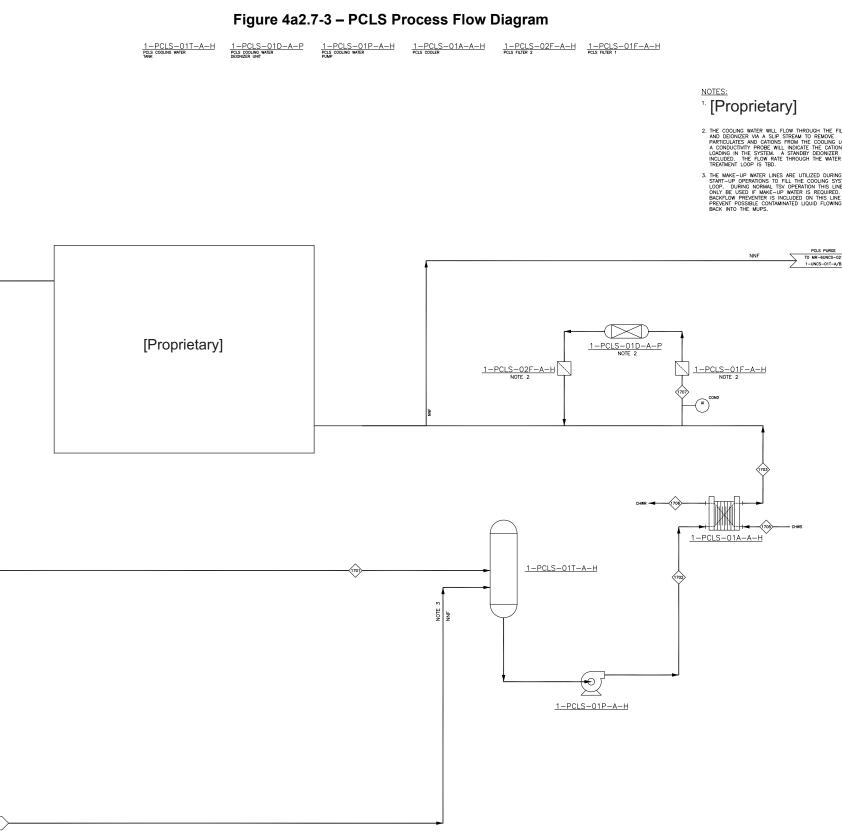
#### Figure 4a2.4-1 – Irradiation Unit Decay Heat Curve

# Figure 4a2.7-1 – PCLS Stream Table

# Figure 4a2.7-2 – LWPS Stream Table

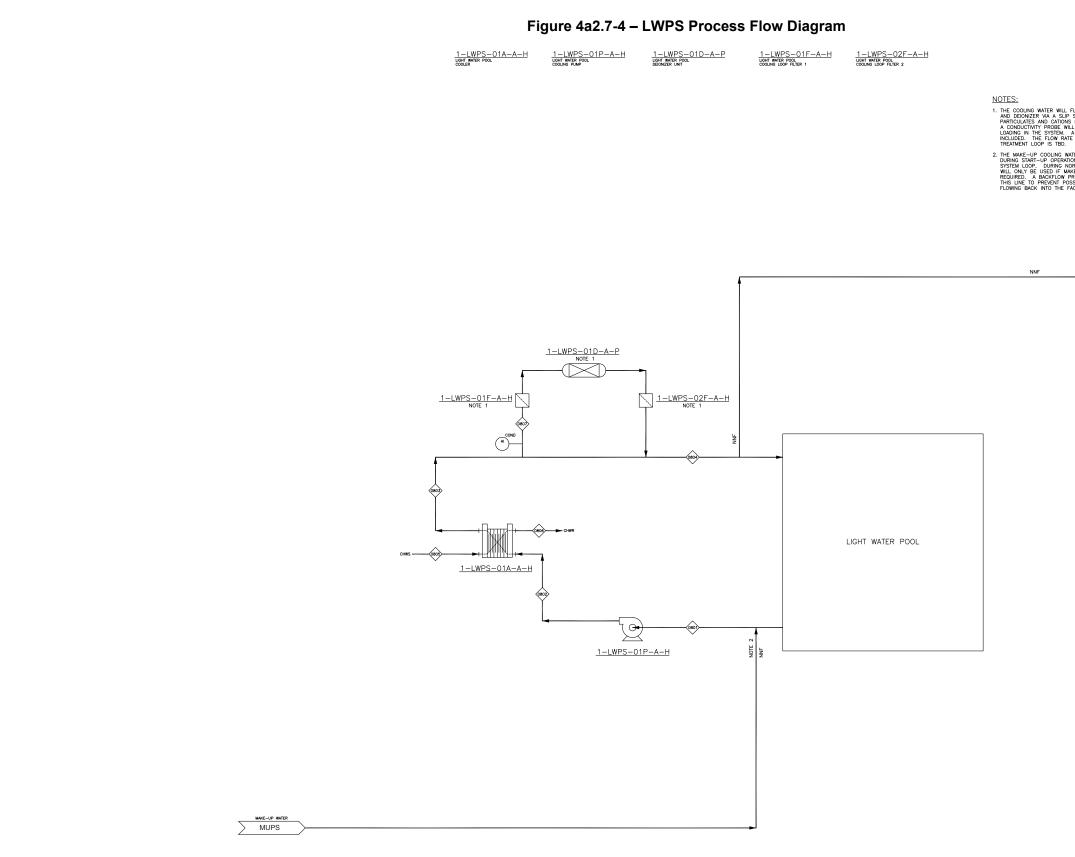


MAKE-UP WATE



PCLS PURGE T0 MR-6UNCS-021 1-UNCS-01T-A/B



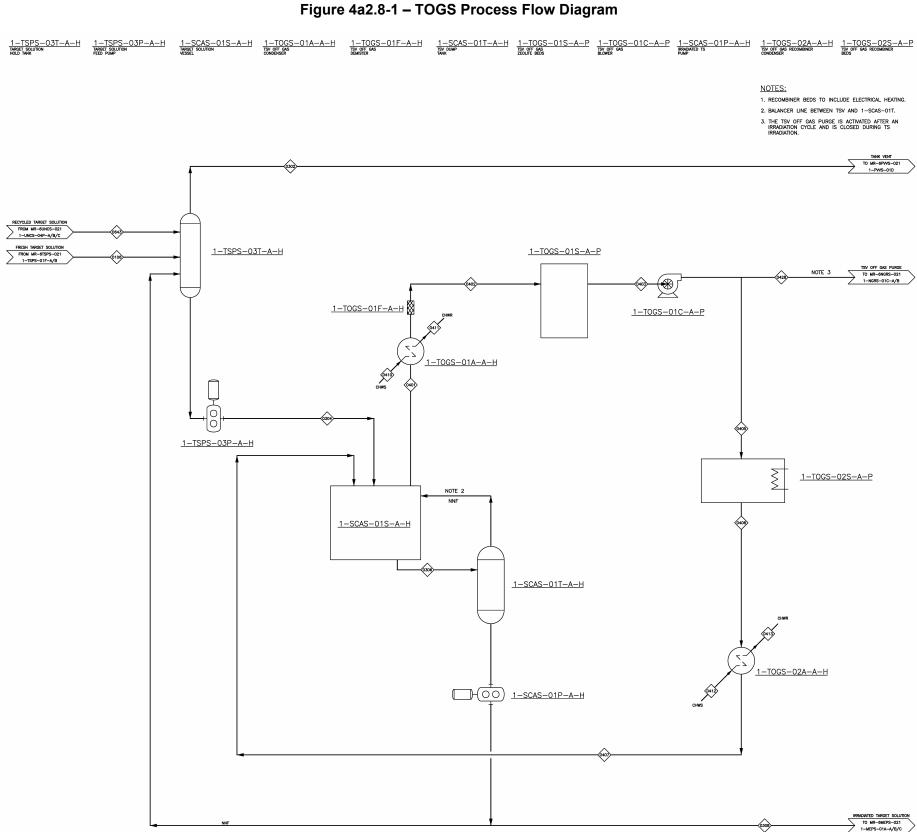


OW THROUGH THE FILTERS TREAM TO REMOVE "ROM THE COOLING LOOP. INDICATE THE CATION STANDBY DEIONIZER IS THROUGH THE WATER

ER LINE IS UTILIZED NS TO FILL THE COOLING WAAL OPERATION THIS LINE E--UP COOLING WATER IS EVENTER IS INCLUDED ON IBLE CONTAMINATED LIQUID CILITY DI WATER SYSTEM.

LWPS PURGE TO MR-BUNCS-021 1-UNCS-01T-A/B

> DRAWING SCALE NTS



TANK VENT TO MR-6PVVS-021 1-PVVS-01D

TSV OFF GAS PURGE TO MR-6NGRS-021 1-NGRS-01C-A/B



DRAWING SCALE

Figure 4a2.8-2 – TOGS Layout Sketch

Proprietary Information – Withhold from public disclosure under 10 CFR 2.390(a)(4) Security-Related Information – Withhold under 10 CFR 2.390