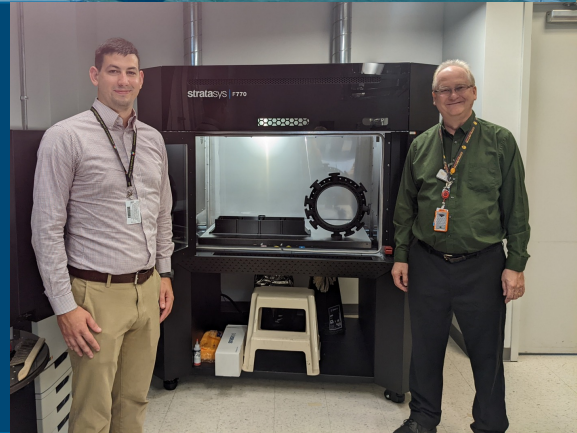




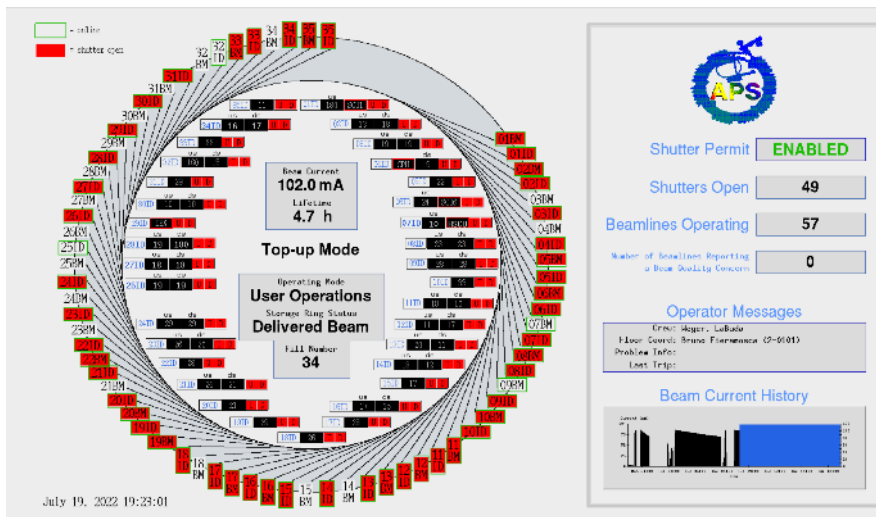
APS OPERATIONS AND AES UPDATE



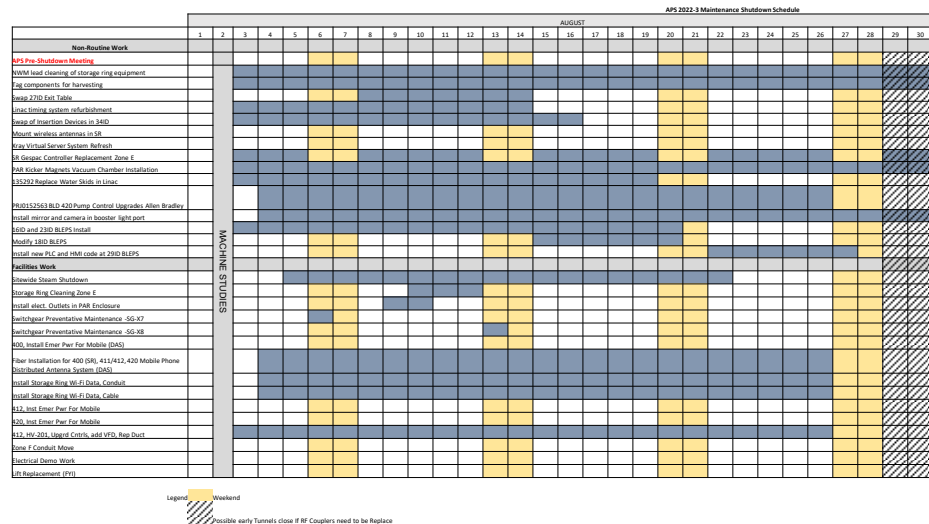
Mike Edelen
Director, APS Engineering Support Division
July 27, 2022



APS OPERATIONS UPDATE

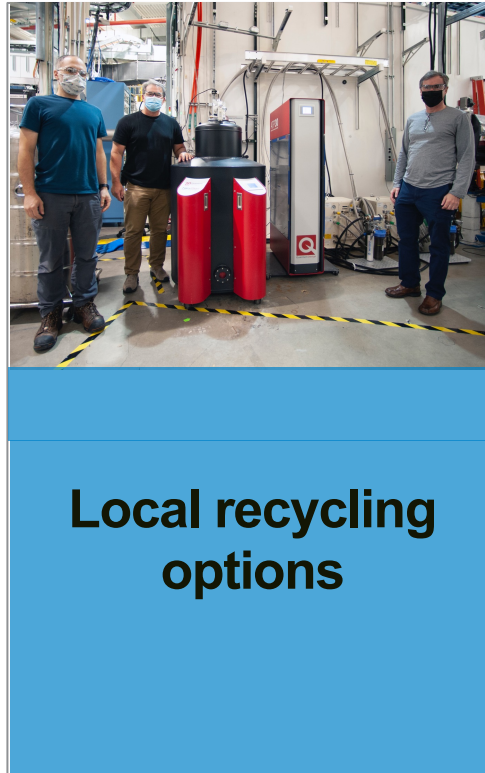


APS Operations dashboard on Tuesday, July 19, following study period



APS maintenance shutdown for Aug/Sept 2022

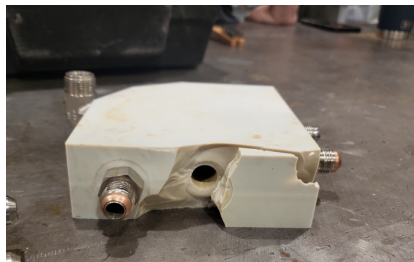
OPS: HELIUM CRISIS AND FORCE MAJEURE



AES HIGHLIGHTS



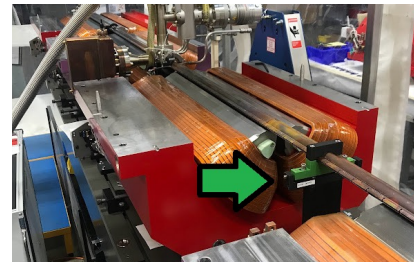
Water Leak Repair for Front-End Components



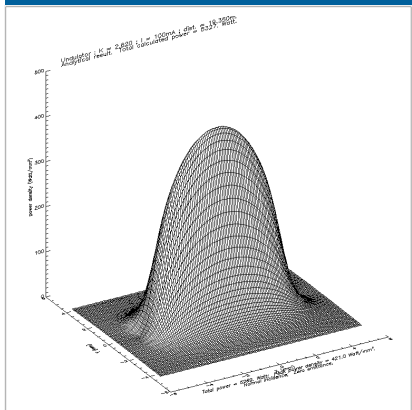
Sector 17 Damaged Quadrupole Magnet Repair



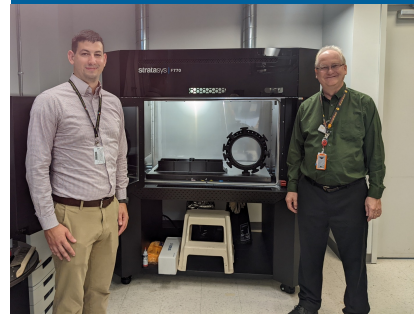
Processed 4777 ESAFs
Coordinated:
-RSS work for 70 CCWPs
-33 BSL2 experiments
-13 energized material experiments
-70 radioactive experiments



First FODO Vacuum String



L-bend Vacuum Chamber Welds

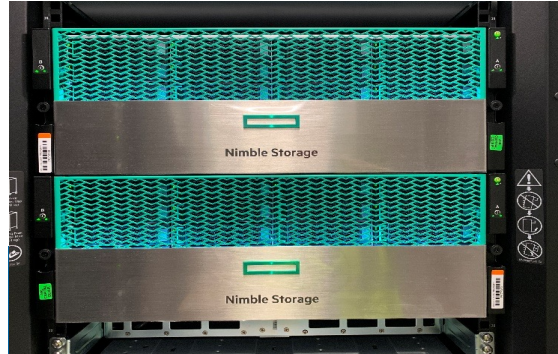
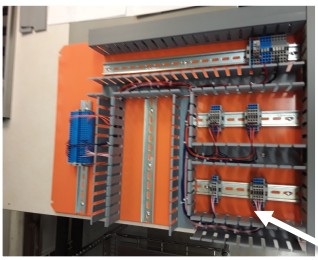


F770 Stratus

AES HIGHLIGHTS



ACIS Upgrade
PSS and
BLEEPS
Panel Prep



Accelerator Cluster Disk Storage –
Two HPE Nimble Storage Chassis

Fiber Shelves in
APS Datacenter
for the
Accelerator,
Beamlines, and
LOMs



Single Sign-ON
Authentication System
Upgrading ICMS Repository
Universal Proposal Management
System Collaboration