

Shutdown Success Stories

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Argonne National Laboratory is a
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WATER SYSTEMS UPGRADE

JOINT APS-U & OPERATIONS PROJECT

- Systems ready for Upgrade requirements
- Address obsolescence (Ops)
- Flexible, reliable and efficient

COPPER WATER SYSTEMS

- New controls
- New pump VFD (variable frequency drive)
- Calibration of all instrumentation

ALUMINUM WATER SYSTEMS

- From 20 to 4 skids
- All new skids



WATER SYSTEMS UPGRADE

SAFE AND EFFECTIVE

- HEC/LOTO - Over 400 locks used to secure water systems
- Daily toolbox meetings
- Pre-job briefs
- WCD/ Work Requests
- Procedures
- Checklists
- eTravelers
- Coordination
- Communication

PROJECT COMPLETION

- Copper Water Systems - 75%
- Aluminum Water Skids - 90%

