

DFLAW Integrated Schedule Analysis - July 2020

Project	Owner Fed/Contractor	Float	Trend	Current Month Remarks	Project-Specific Critical Path
LAW	W. Abdul/ S. Miller	0	-21	Although the project is still in the Stop Work Order resulting from COVID-19 (Coronavirus) Pandemic, BNI remains focused on working the critical project activities, challenging the completion teams to advance the schedule, mitigating impacts, and getting to Loss of Power as soon as practical. The July month end schedule reflects this approach and the construction and SU activities are now reflecting a less than a day for day impact. However, because the full extent of the impacts hasn't been completely assessed BNI has temporarily extended the duration of Conduct Loss of Power – Test Prerequisites as COVID impacts continue to be assess and incorporated into the forecast schedule. Overall the schedule has moved out 3 weeks instead of a full month to November 27, 2022 (for a total of about 5 months as compared to February 2020 month end).	LAW Melter Feed Process & LAW Vessel Vent Process, Document Safety Analysis System Testing, LAW Vessel Vent Process Handover
EMF	W. Abdul/ J. Andreatta	21	N/A	Primary EMF critical path has changed from Install Field Instrumentation and FNJ RTO to Gas Release Event (GRE) walkdowns and Turnover, GRE Ready-to-Operate, Lighting Electrical System (LTE) Operational Readiness Reviews. The secondary EMF critical path has changed from S/C -Heat Trace - Electrical Installation, HTE Punchlist, HTE Startup, and HTE Handover to Low Voltage Electrical Systems (LVE) Turnover, FNJ/PCJ component and system testing, and Plant Service Air (PSA) component and system testing.	Gas Release Event (GRE) walkdowns and Turnover, GRE Ready-to-Operate, Lighting Electrical System (LTE) Operational Readiness Reviews
LAB	J. Young/ G. Nemeth	451	-35	LAB methods validation activities were delayed due to personnel access issues within the LAB and alarm system status for the fume hoods. LAB methods validation activities are progressing slowly as allowed by fume hood and HVAC system conditions.	LAB Ready to Operate
TSCR/TFU/ WFD	J. Diediker/ K. Smith/ J. Follett	268	19	The 19 day acceleration to the critical path is the result of in-farm pit work on AP-06A being approved by AMTF to be performed ahead of Phase 2, where it was originally planned to be performed. Crew size was able to be reduced to ensure that the work could be performed safely under Phase 1 restrictions.	Fabrication, Construction Acceptance Testing, Commissioning, CD-4, Initial Operations
ILAW	B. Tamang/ B. Cunningham	512	-16	ILAW pallet production for pallets 24-43 slipped slightly due to manufacturing delays, no action required.	Receive, Inspect, and Fabricate Pallets, Turnover
LERF/ETF	R. Valle/ J. Filip	155	0	No change from previous month for the Acetonitrile project. The forecast finish for release of the IQRPE fit-for-use letter (310/311-PL Transfer Line project) was delayed due to updated WTP predecessor activities.	Acetonitrile Permitting, Installation, CAT/OAT
WIR	R. Bang/ M. Wheeler	163	0	No change from previous month.	NRC/Public Review, NRC Issue TER, Revise WIR, DOE Review & Approval
IDF	B. Stetter/ R. Havenor	143	0	No change from previous month. Working with Ecology to re-evaluate permit and construction schedule. Schedule will be updated in next monthly update.	Prepare Class 3 Permits, Hiring, Training, IDF Management Self Assessment
WTF*	C. Smith/ C. Burke	N/A	N/A	The slip to L-850 is due to delays in Long Lead Procurements (Tank, Pumps, Valves, VFDs). Multiple vendors have experienced increased long lead times associated with COVID-19 conditions. The slip to L-897 is due to a delay to the construction schedule as a result of the recent changes to the sitewide air modeling protocol, and direction to submit a combined NOC application for both evaporation at the FWW basins and emergency generator emissions.	Notice of Construction Application, Manufacturing/Construction, and Startup/Commissioning
230kV Transmission Line*	C. Smith/ C. Burke	N/A	N/A	L-612 schedule impacts, related to additional resolution of BPA comments prior to initiation of 60 percent design process.	60% Design, Contract Award, Construction, Procurement, SU & CX, Manufacture and Delivery, Construction, Closeout
Hot CX Completion	T. Fletcher/ V. McCain	-33	-21	The LAW Loss of Power date and the BNI commissioning sequence slipped 21 days from the previous month. The new Hot Commissioning Completion date is November 27, 2022. There are negative 33 days of float to the Reference Measurement date of Oct 25, 2022.	LAW Melter Feed Process & Radioactive Liquid Waste Disposal testing, Document Safety Analysis System Testing, LAW LVP Handover, Pre-Cold CX, Cold CX, ORR, Hot CX

Note * MSA reliability projects will support sustained DFLAW operations and are not tied to commissioning, and therefore Total Float will not be compared in this table.

July 2020 ME Status

Schedule Data Date: July 27, 2020