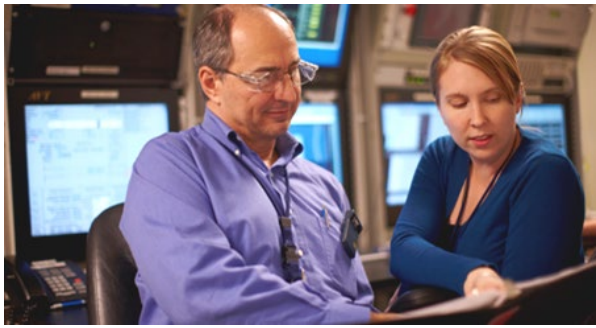
Refurb Drawing Office OLW Statusing- Standards

November 01, 2016

BEHAVIOURS

- Say It, Do It
- Simplify It
- Think Top and Bottom Line
- Integrate and Collaborate
- Tell It As It Is



VALUES ▪ SAFETY ▪ INTEGRITY ▪ EXCELLENCE ▪ PEOPLE & CITIZENSHIP ▪

PEOPLE POWERING THE FUTURE
OPG NUCLEAR

ONTARIO POWER GENERATION

Problem: On Line Wiring Sign Off Reports not being returned

(1) DEC are **passing AFS** and wiring is not statused

(2) Unsafe condition as system is operational with pre DEC wiring info, not Current Built

(3) DEC drawing closeout ARs are being extended or going late while waiting for OLW sign off reports

(4) AR being generating to complete statusing later.

(5) Missing / Marked up statusing must go back to Vendor

(6) OLW Statusing Resource will be challenged with a mountain of statusing later

VALUES ▪ SAFETY ▪ INTEGRITY ▪ EXCELLENCE ▪ PEOPLE & CITIZENSHIP ▪

ONTARIO POWER GENERATION

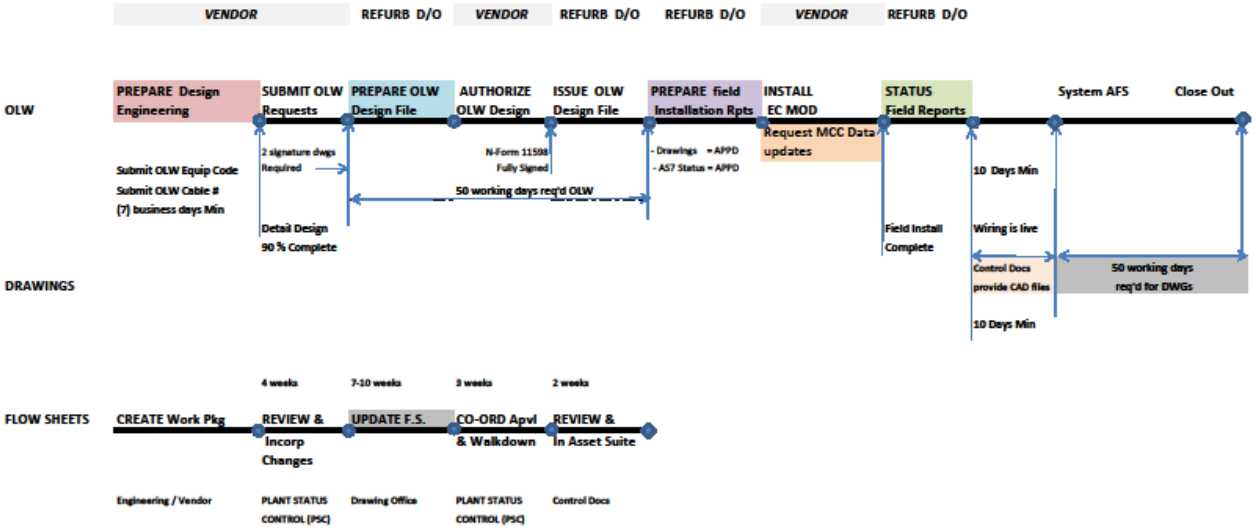
Refurb On Line Wiring Statusing Governance

- - N-GUID-00700-10000 sec 1.9.7.7 (b) (vi) – As a sign off for AFS – On-Line Wiring updated and statused as “currently built” and OLW STATUSED milestone updated
- -Turnover Declaration N-FORM-10091 – MTL Responsibility to Ensure the form and all signatures completed. Sec B12 On-Line Wiring is Statused as Current built
- As per NK38-GUID-60110-10001 sec 5.15 Field Installation and Sign Off

On Line Wiring - Standards - Trend

- N-2016-25616, N-2016-25617, N-2016-25727, N-2016-25729, N-2016-26786
- Cable Numbering – CBDs - MCC Cabling & Termination
- Manual Cabling
- Cable SCIs - Power Cables , Control Cables, EPs
- Collaboration & Comment time extended –back and forth
- D-STE-60110-10001 section 3.2.8 , Appendix A
- D-ED-01520-10001,
- NK38-ESS-57100-03 section 3,
- NK38-ESS-60110-02
- NK38-D0S-57400-0058 & NK38-D1S-57100-0008
- NK38-DG-50000.1 sections 3.5, 3.6, 3.7
- NK38-D0S-57180-0034
- NK38-D2S-65330-5108 MCC terminal Alloc

D.O. OLW Template



P6 STANDARD INPUTS		Estimates (min)
OPG-OLW Support- Generate Elec Tag #s	NDLD	3 Hours per request
OPG-OLW Support- Generate Mech/Civil Tag #s	NDMD	3 Hours per request
OPG-OLW Support- Generate Cable #s	NDLD	3 Hours per request
OPG-OLW Support- Prepare OLW Design File	NDLD	12 Hours per EWD - 9 Hours per CBD
OPG-OLW Support- Prepare OLW Change Reports	NDLD	8 Hours per EWD includes Cables
OPG-OLW Support- Commissioning Support	NDLD	4 Hours per EWD (FICS) 4 Hours per CBD
OPG-OLW Support- Status OLW Changes	NDLD	20% of OLW Design file
OPG-OLW Support- Update MCC Data	NDLD	1 Hours per request
OPG-D.O. Support- Update Electrical Drawings	NDLD	8 Hours per Drawing (Closeout) - 4hrs (FICS) 8 Hours (Changepaper prep)
OPG-D.O. Support- Update Mechanical Drawings	NDMD	9 Hours per Drawing (Closeout) - 4hrs (FICS) 8 Hours (Changepaper prep)
OPG-D.O. Support- Update Civil Drawings	NDSD	10 Hours per Drawing (Closeout) - 4hrs (FICS) 8 Hours (Changepaper prep)
OPG-D.O. Support- Create/Update FS(s)	NDMD	

Questions/Comments