

# SEL-2414 (XX)

FT-1		TSX-SEL-2414-XX	
SP TRIP (MAIN TANK) (+)			
SP TRIP (LTC TANK) (+)			
PRESS RELIEF (MAIN TANK) (+)			
PRESS RELIEF (LTC TANK) (+)			
FAN ON STG-1 (+)			
FAN ON STG-2 (+)			
FAN ON COOLING CONT 1 (+)			
HIGH TEMP (WIND TEMP) (+)			
HIGH TEMP (OIL TEMP) (+)			
HIGH TEMP TRIP (26Q1) (+)			

DETAIL 'A'  
N1 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
HIGH TEMP TRIP (49T1) (+)			
LOW OIL (MAIN TANK) (+)			
LOW OIL (LTC TANK) (+)			
LOW-LOW OIL (MAIN TANK) (+)			
HIGH GAS (+)			
LTC BU RLY (+)			
LTC HIGHEST (+)			
LTC LOWEST (+)			
BREATHER ALM (LTC TANK) (+)			
BREATHER ALM (CONSER.) (+)			

DETAIL 'B'  
N2 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
INCOMPLETE STEP (+)			
TAP SW AUTO/MAN (+)			
43TRL STATUS (+)			
43T STATUS (+)			
LTC RAISE - SUPV. (+)			
LTC LOWER - SUPV. (+)			
LTC AUTO - SUPV. (+)			
LTC - 43TRL LOCAL (+)			
LTC - 43T MAN (+)			

DETAIL 'C'  
N3 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
SP TRIP (MAIN TANK) (IN401)			
SP TRIP (LTC TANK) (IN402)			
PRESS RELIEF (MAIN) (IN403)			
PRESS RELIEF (LTC) (IN404)			
FAN ON STG-1 (IN405)			
FAN ON STG-2 (IN406)			
FAN ON COOL CONT 1 (IN407)			
HIGH TEMP (WIND) (IN408)			
HIGH TEMP (OIL) (IN501)			
HIGH TEMP TRIP (26Q1) (IN502)			

DETAIL 'D'  
N4 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
HIGH TEMP TRIP (49T1) (IN503)			
LOW OIL (MAIN TANK) (IN504)			
LOW OIL (LTC TANK) (IN505)			
LOW-LOW OIL (MAIN) (IN506)			
HIGH GAS (IN507)			
LTC BU RLY (IN508)			
LTC HIGHEST (IN601)			
LTC LOWEST (IN602)			
BREATHER ALM (LTC) (IN603)			
BREATHER (CONSER.) (IN604)			

DETAIL 'E'  
N5 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
INCOMPLETE STEP (IN605)			
TAP SW AUTO/MAN (IN606)			
43TRL STATUS (IN607)			
43T STATUS (IN608)			
LTC RAISE - SUPV. (-)			
LTC LOWER - SUPV. (-)			
LTC AUTO - SUPV. (-)			
LTC - 43TRL LOCAL (-)			
LTC - 43T MAN (-)			

DETAIL 'F'  
N6 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
IN401 (-)			
IN402 (-)			
IN403 (-)			
IN404 (-)			
IN405 (-)			
IN406 (-)			
IN407 (-)			
IN408 (-)			
IN501 (-)			
IN502 (-)			

DETAIL 'G'  
N7 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
IN503 (-)			
IN504 (-)			
IN505 (-)			
IN506 (-)			
IN507 (-)			
IN508 (-)			
IN601 (-)			
IN602 (-)			
IN603 (-)			
IN604 (-)			

DETAIL 'H'  
N8 SCALE 4:1

FT-1		TSX-SEL-2414-XX	
IN605 (-)			
IN606 (-)			
IN607 (-)			
IN608 (-)			

DETAIL 'I'  
N9 SCALE 4:1

**LEGEND:**  
 ▲ BREAKER OR TRANSFORMER TERMINALS  
 □ SWITCHBOARD TERMINAL POINTS  
 ○ DEVICE TERMINAL POINTS

NO.	REVISIONS TO DRAWING	BY	DATE	APPROVED	ENGINEERING	BY	DATE
	DESIGNED	SPCP	8-16				
	CHECKED	DDH	8-16				
	APPROVED	DDH	8-16				
	DRAFTING						
	PRELIMINARY						
	FINAL DESIGN						
	AS BUILT						

XXX SUBSTATION

## DC SCHEMATIC DIAGRAM

### 2414 TEST SWITCH NAMEPLATES

TRANSFORMER XX

SCALE: NONE

**SYSTEM PROTECTION & CONTROL PROJECTS 2015**



DESIGN FILENAME:  
SPEC3.DGN

DRAWING NO.  
SPEC3

SHEET NO.