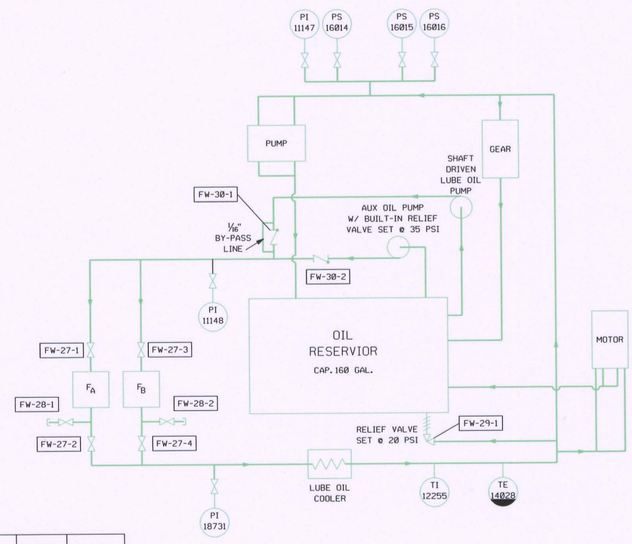
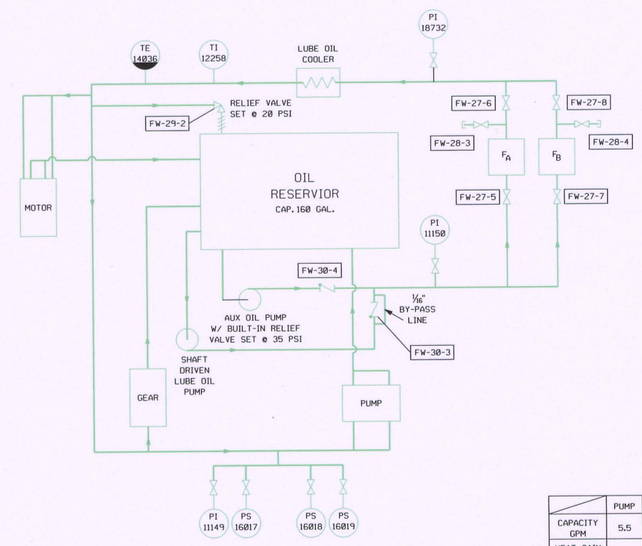
REVISIONS
0
DRAWN BY: JLB DATE: 3-5-07 PREPARED BY: WDR DATE: 3-5-07 REVIEWED BY: SRM DATE: 3-5-07



11 FEEDWATER PUMP

FUNCTION AND INITIAL SETTING (SWITCHES ADJUSTABLE)	CONTACTS	TYPE	11 PUMP	12 PUMP
PERMITS START OF DRIVER ON PRESSURE RISE TO (8 PSI)	CLOSE ON RISE	MERCOID TYPE DA-34-103	PS-16015	PS-16018
STOPS DRIVER ON PRESSURE DROP TO (6 PSI)	CLOSE ON DROP	MERCOID TYPE DA-34-127	PS-16016	PS-16019
STARTS AUX. OIL PUMP ON PRESSURE DROP TO (8 PSI) OPENS AT 25 PSI TO STOP AUX. OIL PUMP	CLOSE ON DROP	MERCOID TYPE DA-34-127	PS-16014	PS-16017



12 FEEDWATER PUMP

	PUMP	GEAR	MOTOR	TOTAL
CAPACITY GPM	5.5	26	1.5	33
HEAT GAIN BTU/MIN	320	2600	228	3128
FILTRATION	25 MICRON			
GRADE	150-250 SSU AT 100°F			
PRESS. PSI	10-15	5-20	10-15	

LR - LEGEND

- IN SCOPE FOR LR PER 10 CFR 54.4(a)(1) 10 CFR 54.4(a)(3)
- IN SCOPE FOR LR PER 10 CFR 54.4(a)(2)
- OUT OF SCOPE
- DENOTES SYSTEM BOUNDARY BREAK

LR - SYSTEM

FW - FEEDWATER

D-017

REFERENCE DWG NF-39222-1 REV A

This map / document is a tool to assist employees in the performance of their jobs. Your personal safety is provided for by using safety practices, procedures and equipment as described in safety training programs, manuals and SPAR's.

	SIGNIFICANT NO.	8630		400	1	4410	1	7400
	GROUP	1	2	3	4	5	CL	6

DATE
DRAWN BY:
PREPARED BY:
REVIEWED BY:
FILMED

LICENSE RENEWAL BOUNDARY DWG
FEEDWATER PUMP LUBE OIL
FLOW SYSTEM - UNIT # 1

NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA

SCALE
REV 0
LR-39222-1

$$USERNAME$$
$$$$$$SYTIME$$$$$$$$$$$$SYDATE$$$$$$
$$$$$$$$$$DESIGNFIL$$$$$$$$$$

LR-39222-1.DGN NSP GENERATION CAD

LR-39222-1

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