COOLING WATER TO UNIT #2 CONTAINMENT FAN COIL UNITS - SEE LR-39217-3

REVISIONS
Ø
DRAWN BY: JLB
DATE: 6-20-07
PREPARED BY: RAB
DATE: 6-20-07
REVIEWED BY: SRM
DATE: 6-22-07

FROM #122 CONTROL ROOM WATER CHILLER CONDENSER SEE LR-39603-3 (LOC. A-1)
CONTROL FROM TC-26394 SEE LR-39250
FROM AUX. BLDG. HEAT REMOVAL SYSTEM SEE LR-39603-2 (LOC'S E & F-5)
FROM D-2 DIESEL GENERATOR SEE LR-39255-1
SGB SYSTEM SEE LR-39250
#21 SGB HEAT EXCHANGER (III/3)
TO #122 CONTROL ROOM WATER CHILLER UNIT SEE LR-39603-3 (LOC. A-3)
TO SPRINKLER SYSTEM
SUPPLY FROM CHILLED WATER SYSTEM SEE LR-86172-1
RETURN TO CHILLED WATER SYSTEM SEE LR-86172-1
CORROSION MONITORING
FLOW ORIF.
20-CL-61 EMERGENCY DUMP
TO CONTAINMENT FAN COILS #12 & #14 SEE LR-39216-3
TO UNIT-1 PUMP MOTOR UNIT COOLERS SEE LR-39603-2 (LOC. F-6)
TO AUX. BLDG. UNIT -2 HEAT REMOVAL SYS. SEE LR-39603-2 (LOC. F-5)
TO CHILLER UNITS SEE LR-86172-1
DRAIN LINES FROM RESIDUAL HEAT EXCHS. TO RESIDUAL HEAT PIT SUMP PUMPS SEE LR-XH-1001-8 (LOC. D-5)
COOLING WATER TEST LINES TO RESIDUAL HEAT PIT SUMPS
TO UNIT-2 PUMP MOTOR UNIT COOLERS SEE LR-39603-2 (LOC. F-7)
TO AUX. BLDG. UNIT-1 HEAT REMOVABLE SYS.
TO CONTAINMENT FAN COILS #11 & #13 SEE LR-39216-3
COOLING WATER TEST LINES TO RESID. HEAT PITS
TO #121 CONTROL ROOM WATER CHILLER UNIT
DRAIN LINES FROM RESID. HEAT EXCH'S TO RESID. HEAT PIT SUMPS.
FROM CONTAINMENT FAN COILS #11 & #13 SEE LR-39216-3
TO D-1 DIESEL GENERATOR
#121 PROCESS STEAM CONDENSATE RETURN
#11 SGB HEAT EXCHANGER
FROM D-1 DIESEL GENERATOR
FROM AUX. BLDG. HEAT REMOVAL SYST.
FROM #121 CONTROL ROOM WATER CHILLER CONDENSER
COMPONENT COOLING HEAT EXCHANGERS (I/1)
EQUIPMENT CONDENSATE RETURN
AUX. BLDG. ROOF DRAIN
TO D-2 DIESEL GENERATOR SEE LR-39255-1
FOR CONT. SEE LR-39217-1
FOR CONT. SEE LR-39216-2
AUX. BLDG. — UNIT-2 TURBINE BLDG. IIB
AUX. BLDG. — UNIT-1 TURBINE BLDG. IIB
ANNULUS — SHIELD BUILDING WALL — AUX. BUILDING IC

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 - SYSTEMS
CL - COOLING WATER
SB - STEAM GENERATOR BLOWDOWN
CC - COMPONENT COOLING
DG - DIESEL GENERATORS & SUPPORT SYSTEMS
RH - RESIDUAL HEAT REMOVAL
FP - FIRE PROTECTION

NOTES :
1. FOR UNIT-1 AUX. BLDG. COOLING WATER FLOW DIAGRAM SEE NF-39216-3
2. FOR REFERENCE DWG'S. & LEGEND SEE NF-39216-3

REFERENCE DWG. NF-39217-2 REV. W

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 SPAFs.

DWN	DATE
CHECKED	
PROJECT NO.	
APP'D & CERT.	
FILMED	

SIGNIFICANT NO.	8630				4410	2	8540
GROUP	1	2	3	4	5	CL	6

LICENSE RENEWAL BOUNDARY DWG
FLOW DIAGRAM UNIT 2
COOLING WATER AUX. BLDG

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

SCALE NONE | REV Ø

LR-39217-2

$$USERNAME$$
$$$$$$SYTIME$$$$$$$$$$SYDATE$$$$$$
$$$$$$$$$$DESIGNFILE$$$$$$$$$

LR-39217-2.DGN MSP GENERATION CAD

D-010

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