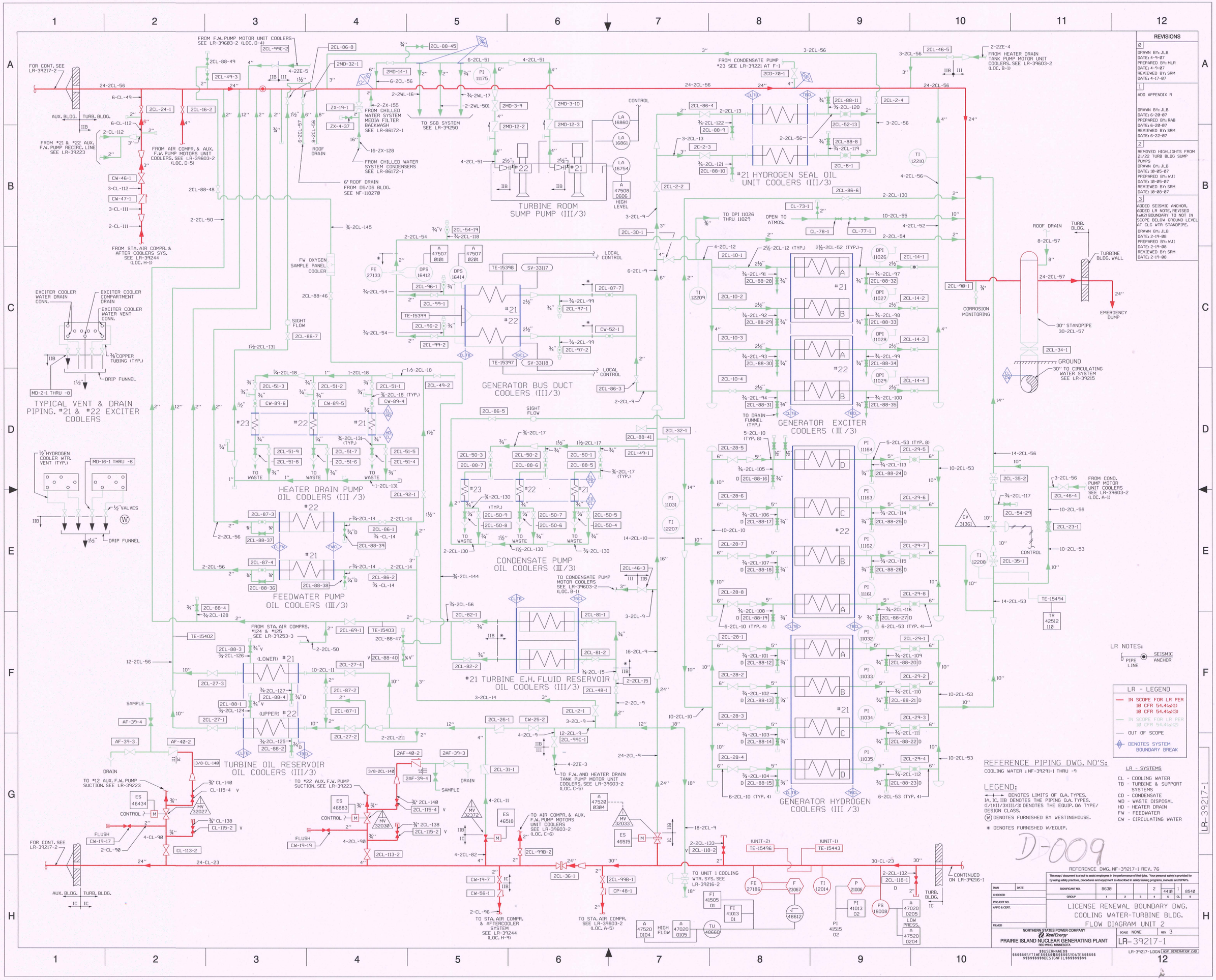

TURBINE ROOM SUMP PUMP (III/3)
#21 HYDROGEN SEAL OIL UNIT COOLERS (III/3)
GENERATOR BUS DUCT COOLERS (III/3)
TYPICAL VENT & DRAIN PIPING. #21 & #22 EXCITER COOLERS
HEATER DRAIN PUMP OIL COOLERS (III/3)
FEEDWATER PUMP OIL COOLERS (III/3)
CONDENSATE PUMP OIL COOLERS (III/3)
#21 TURBINE E.H. FLUID RESERVOIR OIL COOLERS (III/3)
TURBINE OIL RESERVOIR OIL COOLERS (III/3)
GENERATOR EXCITER COOLERS (III/3)
GENERATOR HYDROGEN COOLERS (III/3)
REVISIONS
LR NOTES:
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
REFERENCE PIPING DWG. NO'S:
COOLING WATER : NF-39291-1 THRU -9
LEGEND:
DENOTES LIMITS OF Q.A. TYPES.
IA, IC, IIB DENOTES THE PIPING Q.A. TYPES.
(I/1)(II/3)(III/3) DENOTES THE EQUIP. QA TYPE/ DESIGN CLASS.
DENOTES FURNISHED BY WESTINGHOUSE.
* DENOTES FURNISHED W/EQUIP.
LR - SYSTEMS
CL - COOLING WATER
TB - TURBINE & SUPPORT SYSTEMS
CD - CONDENSATE
WD - WASTE DISPOSAL
HD - HEATER DRAIN
FW - FEEDWATER
CW - CIRCULATING WATER
D-009
REFERENCE DWG. NF-39217-1 REV. 76
LICENSE RENEWAL BOUNDARY DWG.
COOLING WATER-TURBINE BLDG.
FLOW DIAGRAM UNIT 2
NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA
LR-39217-1
LR-39217-1.DGN