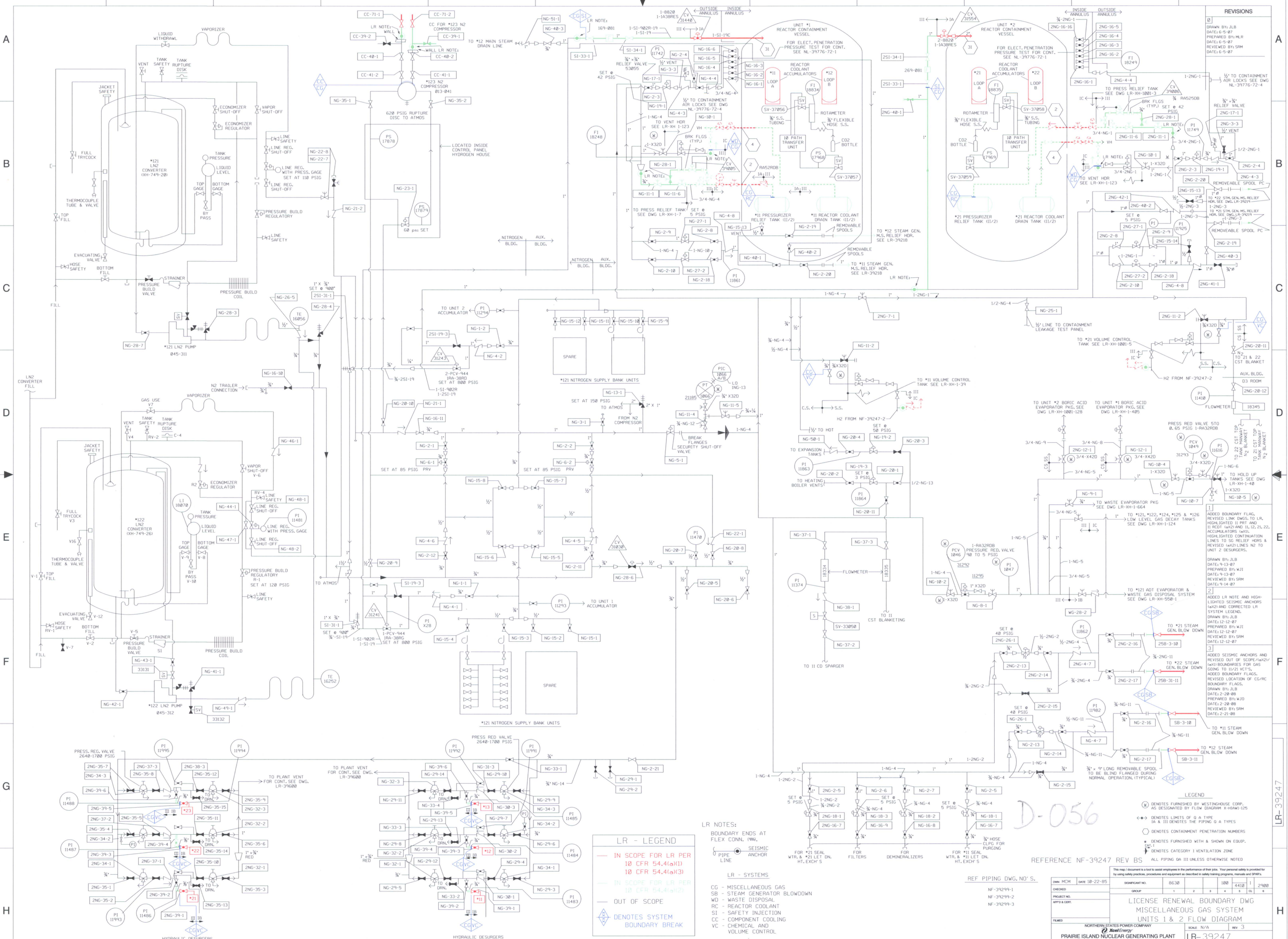
REVISIONS
0
DRAWN BY: JLB
DATE: 6-5-07
PREPARED BY: MLR
DATE: 6-5-07
REVIEWED BY: SRM
DATE: 6-5-07
1
ADDED BOUNDARY FLAG, REVISED LINK DWGS. TO LR, HIGHLIGHTED 11 PRT AND 11 RCDT (aK2) AND 11, 12, 21, 22, ACCUMULATORS (aK1), HIGHLIGHTED CONTINUATION LINES TO SG RELIEF HDRS & REVISED (aK2) LINES N2 TO UNIT 2 DESURGERS.
DRAWN BY: JLB
DATE: 9-13-07
PREPARED BY: WJI
DATE: 9-13-07
REVIEWED BY: SRM
DATE: 9-14-07
2
ADDED LR NOTE AND HIGHLIGHTED SEISMIC ANCHORS (aK2) AND CORRECTED LR SYSTEM LEGEND.
DRAWN BY: JLB
DATE: 12-12-07
PREPARED BY: WJI
DATE: 12-12-07
REVIEWED BY: SRM
DATE: 12-12-07
3
ADDED SEISMIC ANCHORS AND REVISED OUT OF SCOPE/(aK2)/(aK1) BOUNDARIES FOR GAS GOING TO 11/21 VCT'S. ADDED BOUNDARY FLAGS. REVISED LOCATION OF CG/RC BOUNDARY FLAGS.
DRAWN BY: JLB
DATE: 2-20-08
PREPARED BY: WJO
DATE: 2-20-08
REVIEWED BY: SRM
DATE: 2-21-08
UNIT #1 REACTOR CONTAINMENT VESSEL
UNIT #2 REACTOR CONTAINMENT VESSEL
*121 LN2 CONVERTER (XH-749-20)
*122 LN2 CONVERTER (XH-749-26)
*121 LN2 PUMP
*122 LN2 PUMP
*121 NITROGEN SUPPLY BANK UNITS
HYDRAULIC DESURGERS
REACTOR COOLANT ACCUMULATORS
10 PATH TRANSFER UNIT
*11 PRESSURIZER RELIEF TANK (11/2)
*11 REACTOR COOLANT DRAIN TANK (11/2)
*21 PRESSURIZER RELIEF TANK (11/2)
*21 REACTOR COOLANT DRAIN TANK (11/2)
TO *12 STEAM GEN. M.S. RELIEF HDR. SEE LR-39218
TO *11 STEAM GEN. M.S. RELIEF HDR. SEE LR-39218
TO *11 VOLUME CONTROL TANK SEE LR-XH-1-39
TO *21 VOLUME CONTROL TANK SEE LR-XH-1001-5
TO UNIT 2 BORIC ACID EVAPORATOR PKG. SEE DWG LR-XH-1001-128
TO UNIT *1 BORIC ACID EVAPORATOR PKG. SEE DWG LR-XH-1-405
TO WASTE EVAPORATOR PKG SEE DWG LR-XH-1-664
TO *121, *122, *124, *125 & *126 LOW LEVEL GAS DECAY TANKS SEE DWG LR-XH-1-124
TO *121 ADT EVAPORATOR & WASTE GAS DISPOSAL SYSTEM SEE DWG LR-XH-550-1
TO HOLD UP TANKS SEE DWG LR-XH-1-40
TO 11 CST BLANKETING
TO 11 CD SPARGER
TO UNIT 1 ACCUMULATOR
TO UNIT 2 ACCUMULATOR
TO PLANT VENT FOR CONT. SEE DWG. LR-39600
LR - LEGEND
IN SCOPE FOR LR PER 10 CFR 54.4(a)(1)
IN SCOPE FOR LR PER 10 CFR 54.4(a)(2)
OUT OF SCOPE
DENOTES SYSTEM BOUNDARY BREAK
LR NOTES:
BOUNDARY ENDS AT FLEX CONN. (MM).
PIPE LINE
SEISMIC ANCHOR
LR - SYSTEMS
CG - MISCELLANEOUS GAS
SB - STEAM GENERATOR BLOWDOWN
WD - WASTE DISPOSAL
RC - REACTOR COOLANT
SI - SAFETY INJECTION
CC - COMPONENT COOLING
VC - CHEMICAL AND VOLUME CONTROL
LEGEND
DENOTES FURNISHED BY WESTINGHOUSE CORP. AS DESIGNATED BY FLOW DIAGRAM X-HIAW1-125
DENOTES LIMITS OF Q A TYPE IA & III DENOTES THE PIPING Q A TYPES
DENOTES CONTAINMENT PENETRATION NUMBERS
DENOTES FURNISHED WITH & SHOWN ON EQUIP.
DENOTES CATEGORY I VENTILATION ZONE
ALL PIPING QA III UNLESS OTHERWISE NOTED
D-056
REFERENCE NF-39247 REV BS
REF PIPING DWG. NO'S.
NF-39299-1
NF-39299-2
NF-39299-3
NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA
LICENSE RENEWAL BOUNDARY DWG
MISCELLANEOUS GAS SYSTEM
UNITS 1 & 2 FLOW DIAGRAM
SCALE N/A
REV 3
LR-39247
LR-39247.DGN