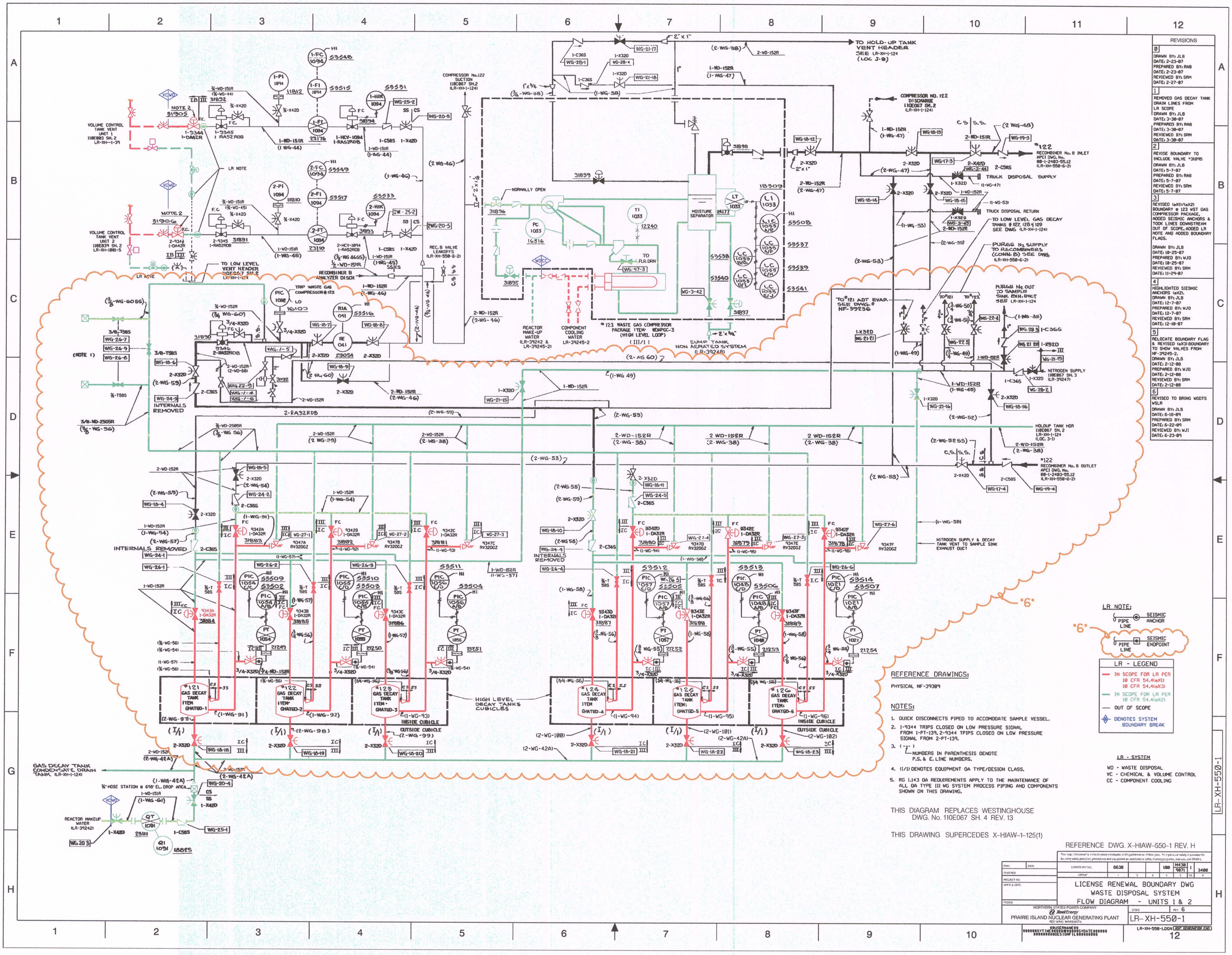
TO HOLD-UP TANK VENT HEADER SEE LR-XH-1-124 (LOC J-9)
COMPRESSOR NO. 122 DISCHARGE 110E067 SH. 2 (LR-XH-1-124)
COMPRESSOR No.122 SUCTION 110E067 SH.2 (LR-XH-1-124)
VOLUME CONTROL TANK VENT UNIT 1 110E883 SH. 2 LR-XH-1-39
VOLUME CONTROL TANK VENT UNIT 2 110E839 SH. 2 LR-XH-1081-5
TO LOW LEVEL VENT HEADER 110E067 SH.2 LR-XH-1-124
RECOMBINER B ANALYZER DISCH
TRIP WASTE GAS COMPRESSOR @ 123
REC. B VALVE LEAKOFFS (LR-XH-558-6-2)
NORMALLY OPEN
MOISTURE SEPARATOR
TO FLR. DRN
REACTOR MAKE-UP WATER (LR-39242 & LR-39245-2)
COMPONENT COOLING WATER LR-39245-2
*123 WASTE GAS COMPRESSOR PACKAGE ITEM: WGMPGC-3 (HIGH LEVEL LOOP) (III/1)
SUMP TANK NON AERATED SYSTEM (LR-39248)
TRUCK DISPOSAL SUPPLY
TRUCK DISPOSAL RETURN
TO LOW LEVEL GAS DECAY TANKS #127, 128 & 129 SEE DWG (LR-XH-1-124)
PURGE N2 SUPPLY TO RECOMBINERS (CONN. B) SEE DWG. (LR-XH-558-6-2)
TO #121 ADT EVAP. SEE DWG. # NF-39236
PURGE N2 OUT TO SAMPLE SINK EXH. DUCT SEE LR-XH-1-124
NITROGEN SUPPLY 110E067 SH. 3 (LR-39247)
HOLDUP TANK HDR 110E067 SH. 2 LR-XH-1-124 (LOC. 3-I)
*122 RECOMBINER No. 8 INLET APCI DWG. No. 88-1-2483-55.12 (LR-XH-558-6-2)
*122 RECOMBINER No. 8 OUTLET APCI DWG. No. 88-1-2483-55.12 (LR-XH-558-6-2)
INTERNALS REMOVED
NITROGEN SUPPLY & DECAY TANK VENT TO SAMPLE SINK EXHAUST DUCT
HIGH LEVEL DECAY TANKS CUBICLES
GAS DECAY TANK CONDENSATE DRAIN TANK (LR-XH-1-124)
REACTOR MAKEUP WATER (LR-39242)
"6"
LR NOTE:
SEISMIC ANCHOR
SEISMIC ENDPOINT
LR - LEGEND
IN SCOPE FOR LR PER 10 CFR 54.4(a)(1)
IN SCOPE FOR LR PER 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
WD - WASTE DISPOSAL
VC - CHEMICAL & VOLUME CONTROL
CC - COMPONENT COOLING
REFERENCE DRAWINGS:
PHYSICAL NF-39309
NOTES:
1. QUICK DISCONNECTS PIPED TO ACCOMODATE SAMPLE VESSEL.
2. 1-9344 TRIPS CLOSED ON LOW PRESSURE SIGNAL FROM 1-PT-139. 2-9344 TPIPS CLOSED ON LOW PRESSURE SIGNAL FROM 2-PT-139.
3. ( ) NUMBERS IN PARENTHESIS DENOTE P.S. & E. LINE NUMBERS.
4. (I/1) DENOTES EQUIPMENT QA TYPE/DESIGN CLASS.
5. RG 1.143 QA REQUIREMENTS APPLY TO THE MAINTENANCE OF ALL QA TYPE III WG SYSTEM PROCESS PIPING AND COMPONENTS SHOWN ON THIS DRAWING.
THIS DIAGRAM REPLACES WESTINGHOUSE DWG. No. 110E067 SH. 4 REV. 13
THIS DRAWING SUPERCEDES X-HIAW-1-125(1)
REFERENCE DWG. X-HIAW-550-1 REV. H
LICENSE RENEWAL BOUNDARY DWG
WASTE DISPOSAL SYSTEM
FLOW DIAGRAM - UNITS 1 & 2
NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA
LR-XH-550-1
LR-XH-550-1.DGN
REVISIONS
0 DRAWN BY: JLB DATE: 2-23-87 PREPARED BY: RAB DATE: 2-23-87 REVIEWED BY: SRM DATE: 2-27-87
1 REMOVED GAS DECAY TANK DRAIN LINES FROM LR SCOPE DRAWN BY: JLB DATE: 3-30-87 PREPARED BY: RAB DATE: 3-30-87 REVIEWED BY: SRM DATE: 3-30-87
2 REVISE BOUNDARY TO INCLUDE VALVE #31895 DRAWN BY: JLB DATE: 5-7-87 PREPARED BY: RAB DATE: 5-7-87 REVIEWED BY: SRM DATE: 5-7-87
3 REVISED (6X1)/(6X2) BOUNDARY @ 123 WST GAS COMPRESSOR PACKAGE, ADDED SEISMIC ANCHORS & TOOK LINES DOWNSTREAM OUT OF SCOPE, ADDED LR NOTE AND ADDED BOUNDARY FLAGS. DRAWN BY: JLB DATE: 10-25-87 PREPARED BY: WJO DATE: 10-25-87 REVIEWED BY: SRM DATE: 11-29-87
4 HIGHLIGHTED SIESMIC ANCHORS (6X2). DRAWN BY: JLB DATE: 12-7-87 PREPARED BY: WJO DATE: 12-7-87 REVIEWED BY: SRM DATE: 12-10-87
5 RELOCATE BOUNDARY FLAG & REVISED (6X3) BOUNDARY TO SHOW VALVES FROM NF-39245-2. DRAWN BY: JLB DATE: 2-12-88 PREPARED BY: WJO DATE: 2-12-88 REVIEWED BY: SRM DATE: 2-12-88
6 REVISED TO BRING WGDTS WSLR DRAWN BY: JLB DATE: 6-18-89 PREPARED BY: SRM DATE: 6-22-89 REVIEWED BY: WJI DATE: 6-23-89

D-02