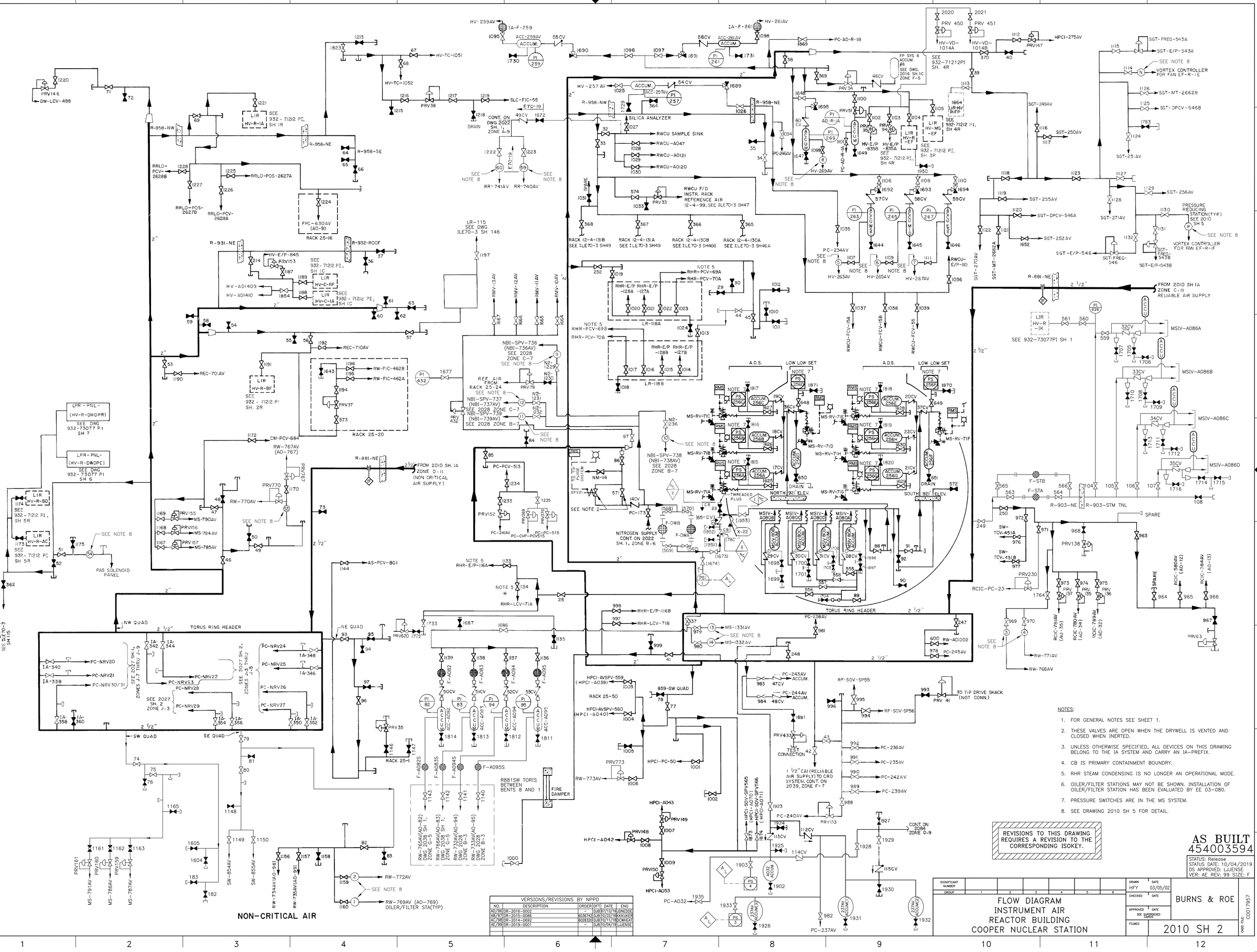
HV-259AV
IA-F-259
ACC-259AV
ACCUM.
55CV
1095
1730
PI 259
1690
1096
1097
1691
PI 261
1731
IA-F-26
HV-261AV
56CV
ACC-261AV
ACCUM.
1098
1869
PC-AD-R-1B
2020
PRV 450
2021
PRV 451
HV-VD-1014A
HV-VD-1014B
1112
PRV147
HPCI-275AV
SEE 932-71212PI SH. 4R
FP SYS 6 ACCUM. #6
SEE DWG. 2016 SH.1C ZONE F-5
1213
1823
67
HV-TC-1051
68
HV-TC-1052
1216
1215
PRV38
1217
1219
SLC-FIC-55
E70-19
1218
DRAIN
CONT. ON DWG 2022 SH. 1, ZONE A-9
49CV
1672
1220
PRV146
DW-LCV-488
71
72
1221
LIR HV-R-1A
SEE 932-71212 PI, SH 1R
R-958-NW
R-958-NE
R-958-SE
69
64
65
66
RRLO-PCV-2628B
1228
1225
RRLO-POS-2627A
1227
1226
RRLO-POS-2627B
RRLO-PCV-2628A
1224
FPC-630AV (AO-9)
RACK 25-16
1222
1223
60
59
SEE NOTE 8
RR-741AV
RR-740AV
HV-257AV
ACCUM.
54CV
ACC-257AV
PI 257
1689
1025
1729
364
R-958-NW
R-958-NE
1026
SILICA ANALYZER
1027
RWCU SAMPLE SINK
1028
RWCU-A047
1029
RWCU-A0121
1030
RWCU-A0120
32
33
35
34
PC-246AV
1034
60 CV
PI AD-R-1A
PI 269
1101
1099
8
HV-269AV
1647
PRV51
1100
1102
1103
1104
1105
1695
1648
1864
LIR HV-R-FP
SEE 932-71212 PI, SH 4R
LIR HV-MG-EF
LIR HV-R-EF
HV-E/P-835B
HV-E/P-835A
SEE 932-71212 PI, SH 3R
SEE 932-71212 PI, SH 4R
1649
1950
SPARE
1031
574
PRV33
1033
RWCU F/D INSTR. RACK REFERENCE AIR 12-4-99, SEE ILE70-3 SH47
368
367
366
365
RACK 12-4-131B SEE ILE70-3 SH49
RACK 12-4-131A SEE ILE70-3 SH49
RACK 12-4-130B SEE ILE70-3 SH46B
RACK 12-4-130A SEE ILE70-3 SH46A
1106
1692
1108
1693
1110
1694
57CV
58CV
59CV
PI 263
PI 265
PI 267
1035
1644
1645
1646
PC-234AV
SEE NOTE 8
1107
1109
111
RWCU-E/P-110
1036
HV-263AV
HV-265AV
HV-267AV
1037
1038
1039
RWCU-FCV-15A
RWCU-FCV-15B
RWCU-FCV-55
SGT-249AV
1116
1117
SGT-250AV
1118
1123
1119
SGT-255AV
1120
SGT-DPCV-546A
1122
1121
SGT-MT-2662A
1652
SGT-252AV
SGT-E/P-546
SGT-FREG-546
1127
1129
SGT-256AV
1128
SGT-271AV
1130
PRESSURE REDUCING STATION(TYP) SEE 2010 SH 5
1131
1132
SGT-FREG-543B
SGT-E/P-543B
VORTEX CONTROLLER FOR FAN EF-R-1F
SEE NOTE 8
SGT-270AV
1115
SGT-FREG-543A
SGT-E/P-543A
1114
N
SEE NOTE 8
VORTEX CONTROLLER FOR FAN EF-R-1E
1126
SGT-MT-2662B
1125
SGT-DPCV-546B
1783
1124
SGT-251AV
LR-115 SEE DWG ILE70-3 SH 146
1197
RMV-13AV
RMV-12AV
RMV-11AV
RMV-10AV
1667
1666
1665
1664
2"
R-931-NE
HV-E/P-845
PRV153
214
1187
1189
LIR HV-C-RF
SEE 932-71212 PI, SH 1C
HV-ADI409
HV-ADI410
1854
1188
LIR HV-C-1A
SEE 932-71212 PI, SH 1C
R-932-ROOF
37
36
61
63
60
62
59
58
54
55
56
1192
REC-710AV
57
53
1190
REC-701AV
1191
LIR HV-R-BF
SEE 932-71212 PI SH. 2R
1643
1196
RW-FIC-462B
1195
RW-FIC-462A
1194
PRV37
573
RACK 25-20
NBI-SPV-736 (NBI-736AV) SEE 2028 ZONE C-7
SEE NOTE 8
9
N2-1229
REF AIR FROM RACK 25-24
SEE NOTE 8
PRV79
N2-1230
PI 432
1677
NBI-SPV-737 (NBI-737AV) SEE 2028 ZONE C-7
12
N2-1231
N2-1232
NBI-SPV-739 (NBI-739AV) SEE 2028 ZONE B-7
11
PRV 432
SEE NOTE 8
84
1172
CM-PCV-684
RW-767AV (AO-767)
PRV767
PRV770
1170
48
47
RW-770AV
SEE NOTE 8
50
49
73
2 1/2"
1169
PRV155
MS-790AV
1168
PRV156
MS-784AV
1167
PRV157
MS-785AV
46
R-881-NE
2 1/2"
FROM 2010 SH. 1A ZONE D-11 (NON CRITICAL AIR SUPPLY)
LPR-PNL-(HV-R-DWDPR)
SEE DWG 932-73077 PI SH 7
LPR-PNL-(HV-R-DWDPC)
SEE DWG 932-73077 PI SH 6
LIR HV-R-BD
1174
SEE 932-71212 PI, SH 5R
LIR HV-R-AC
1173
SEE 932-71212 PI SH 5R
SEE NOTE 8
51
1175
54
52
PAS SOLENOID PANEL
362
2"
NW QUAD
2 1/2"
TORUS RING HEADER
NE QUAD
SW QUAD
SE QUAD
LR-104 SEE ILE70-3 SH 115
IA-342
IA-344
IA-340
IA-338
PC-NRV20
PC-NRV21
PC-NRV30/31
PC-NRV22
PC-NRV23
PC-NRV28
PC-NRV29
IA-354
IA-356
IA-358
IA-360
SEE 2027 SH. 2, ZONES J-7 THRU J-9
SEE 2027 SH. 2 ZONE J-3
SEE 2027 SH. 2, ZONES J-3 THRU J-5
PC-NRV24
IA-348
PC-NRV25
IA-346
PC-NRV26
PC-NRV27
IA-350
IA-352
79
74
75
76
81
80
1165
1148
1149
1150
1605
1604
183
182
1161
1162
1163
PRV160
PRV159
PRV161
MS-791AV
MS-786AV
MS-787AV
SW-854AV
SW-855AV
1156
1157
1158
RW-734AV(AO-98)
RW-735AV(AO-99)
82
83
2
1159
RW-772AV
SEE NOTE 8
1
1160
RW-769AV (AO-769) OILER/FILTER STA(TYP)
NON-CRITICAL AIR
AS-PCV-801
1144
NOTE 5 RHR-E/P-116A
1133
NOTE 5
1134
RHR-LCV-71A
28
PRV620
1772
1733
1687
1686
1135
95
93
94
97
96
PRV35
1146
1147
RACK 25-1
1139
1138
1137
1136
F-A082
F-A083
F-A094
F-A095
50CV
51CV
52CV
53CV
PI 82
PI 83
PI 93
PI 94
ACC-A082
ACC-A083
ACC-A094
ACC-A095
1814
1813
1812
1811
F-A082S
F-A083S
F-A094S
F-A095S
1143
1142
1141
1140
RW-764AV(AO-82) DWG 2028 SH 1, ZONE G-5
RW-766AV(AO-83) DWG 2028 SH 1, ZONE G-5
RW-732AV(AO-94) DWG 2028 ZONE B-3
RW-733AV(AO-95) DWG 2028 ZONE B-3
R881SW TORIS BETWEEN BENTS 8 AND 1
FIRE DAMPER
1000
NOTE 5 RHR-E/P-116B
998
RHR-E/P-116B
997
RHR-LCV-71B
999
41
PC-238AV
981
337
979
13
MS-1331AV
SEE NOTE 8
14
980
MS-1332AV
247
600
RW-A01002
978
PC-245AV
248
2 1/2"
TORUS RING HEADER
2"
HPCI-AVSPV-559 (HPCI-A039)
1003
859-SW QUAD
RACK 25-50
78
77
HPCI-AVSPV-560 (HPCI-A040)
1004
1005
HPCI-PC-50
1001
PRV773
RW-773AV
1006
1002
HPCI-A043
PRV149
1007
HPCI-A042
PRV148
1008
1009
PRV150
HPCI-A053
1252
1019
NOTE 5 RHR-PCV-69B
RHR-PCV-70B
RHR-PCV-69A
RHR-PCV-70A
RHR-E/P RHR-E/P -128A -127A
RHR-E/P RHR-E/P -128B -127B
LR-118A
LR-118B
30
29
1012
1010
1011
44
45
1024
1013
1018
1017
1016
1015
1014
NOTE 5
RWCU-FCV-15A
RWCU-FCV-15B
RWCU-FCV-55
A.D.S.
LOW LOW SET
NOTE 7
PS 256D
1871
1870
1817
1818
19CV
20CV
36CV
37CV
MS-RV-71C
MS-RV-71E
MS-RV-71F
MS-RV-71D
MS-RV-71H
MS-RV-71G
MS-RV-71B
MS-RV-71A
1816
1819
18CV
22CV
1815
1820
17CV
21CV
ACCUM 256A
ACCUM 256B
ACCUM 256H
ACCUM 256G
626
628
630
629
625
627
650
651
DRAIN
NORTH 921' ELEV.
SOUTH 921' ELEV.
572
THREADED PLUG
SPV21
NM-V4
TO PURGE SYSTEM
CB 21
CB 22
57
14CV
PC-173
SEE NOTE 2
(568)
(570)
(65-CV)
(1963)
(1952)
(1951)
(569)
(567)
(1673)
(1674)
X-22
178"
NITROGEN SUPPLY CONT. ON 2022 SH. 1, ZONE B-6
F-DWB
F-DW4
MSIV-A080B
MSIV-A080C
MSIV-A080D
MSIV-A080A
MSIV RCIC ACCUM.
MSIV RCIC ACCUM.
MSIV HPCI ACCUM.
MSIV HPCI ACCUM.
29CV
30CV
31CV
28CV
1698
1700
1703
1696
1699
1701
1704
1697
555
556
557
88
91
92
90
89
556
1034
PC-AD-R-1A
PC-AD-R-1B
PC-234AV
SEE NOTE 8
1107
1109
111
1036
HV-263AV
HV-265AV
HV-267AV
1037
1038
1039
RWCU-FCV-15A
RWCU-FCV-15B
RWCU-FCV-55
PC-243AV ACCUM.
983
47CV
PC-244AV ACCUM.
984
48CV
1881
PRV433
43
TEST CONNECTION
42
1" CAI (RELIABLE AIR SUPPLY) TO CRD SYSTEM, CONT. ON 2039, ZONE F-7
RF-SOV-SP55
996
995
RF-SOV-SP56
994
993
PRV 41
TO TIP DRIVE SHACK (NOT CONN.)
992
PC-236AV
991
PC-235AV
990
PC-242AV
989
PC-239AV
988
HPCI-SOV-SPV565 (HPCI-A070)
HPCI-SOV-SPV566 (HPCI-A071)
1923
PC-240AV
PRV153
1924
112CV
1925
113CV
114CV
1927
CONT. ON 2094 ZONE D-9
1928
1929
115CV
1930
1931
1932
237AV ACCUM.
237AV ACCUM.
237AV ACCUM.
1903
A032 ACCUM
1902
1933
237AV ACCUM.
1926
1935
PC-A032
PC-237AV
982
PS 1
PS 2
PS 3
PS 4
R-903-NE
2 1/2"
FROM 2010 SH 1A ZONE C-11 RELIABLE AIR SUPPLY
LIR HV-R-1K
SEE 932-73077PI SH 1
561
560
559
PI 226
32CV
MSIV-A086A
1707
1705
1706
33CV
MSIV-A086B
1710
1708
1709
34CV
MSIV-A086C
1713
1711
1712
35CV
MSIV-A086D
1716
1714
1715
108
565
F-STB
563
F-STA
564
566
1104
105
106
107
R-903-STM TNL
250
972
SW-TCV-451A
976
971
968
PRV138
963
SW-TCV-451B
977
SPARE
PRV230
RCIC-PC-23
1764
973
974
975
PRV 137
PRV 135
PRV 136
969
970
SEE NOTE 8
RW-771AV
RW-768AV
RCIC-781AV (AO-35)
RCIC-780AV (AO-34)
RCIC-789AV (AO-32)
RCIC-580AV (AO-12)
RCIC-584AV (AO-13)
SPARE
964
965
966
967
PRV63
NOTES:
1. FOR GENERAL NOTES SEE SHEET 1.
2. THESE VALVES ARE OPEN WHEN THE DRYWELL IS VENTED AND CLOSED WHEN INERTED.
3. UNLESS OTHERWISE SPECIFIED, ALL DEVICES ON THIS DRAWING BELONG TO THE IA SYSTEM AND CARRY AN IA-PREFIX.
4. CB IS PRIMARY CONTAINMENT BOUNDRY.
5. RHR STEAM CONDENSING IS NO LONGER AN OPERATIONAL MODE.
6. OILER/FILTER STATIONS MAY NOT BE SHOWN. INSTALLATION OF OILER/FILTER STATION HAS BEEN EVALUATED BY EE 03-080.
7. PRESSURE SWITCHES ARE IN THE MS SYSTEM.
8. SEE DRAWING 2010 SH 5 FOR DETAIL.
REVISIONS TO THIS DRAWING REQUIRES A REVISION TO THE CORRESPONDING ISOKEY.
AS BUILT 454003594
STATUS: Release
STATUS DATE: 10/04/2019
DS APPROVED: LJJENSE
VER: AE REV: 99 SIZE: F
VERSIONS/REVISIONS BY NPPD
NO. | DESCRIPTION | ORDER | DFT | DATE | ENG
AD/96 | DR-2016-0002 | - | DJB | 07/13/16 | LDNEDDE
AB/97 | DR-2015-0086 | 6036742 | DJB | 10/22/16 | KKKUKER
AC/98 | DR-2014-0692 | 6028320 | DJB | 10/11/18 | DCWHEAT
AE/99 | DR-2019-0001 | - | DJB | 10/04/19 | LJJENSE
SIGNIFICANT NUMBER
GROUP
1 2 3 4 5 6
DRAWN HFY DATE 03/05/02
CHECKED DATE
APPROVED DATE
SEE SUPERSEDED DWGS
FILMED
FLOW DIAGRAM
INSTRUMENT AIR
REACTOR BUILDING
COOPER NUCLEAR STATION
BURNS & ROE
2010 SH 2
DWG TITLE
C0017957