GENERAL NOTES:

1. FOR GENERAL NOTES SEE DRAWING 62-467-E SH.1.

62-467-E SH.1 (A-7)
½"-ECC-1-1010
1A2-DSA-80
1A2-DSA-83
½" (D)
FROM ENGINE START
1-SV 10273
1A2-INJECTION LIMITER JACK
1A2-AIR DISTRIBUTOR 11
1A2-OILER 11
FL2501
AR17
MATCH LINE SEE DWG. 62-467-E SH.1
1A-GENERATOR
SIDE " A"
SIDE " B"
FL2512
1A2-DSA-73
1-PT 10287
RTU
1-PT 10288
1A2-DSA-65
1A2-AIR DISTRIBUTOR 12
1A2-OILER 12
FL2511
1-GOV 10325
1A2-GOVERNOR
1A2-GOVERNOR BOOSTER
1A2-DSA-74
1A2-DSA-76
VENT
1A2-DSA-66
Ⓔ 1A2-ENGINE SKID
1A2-FUEL RACK STOPPING JACK 11
1A2-FUEL RACK STOPPING JACK 12
1A2-CENTRIFUGAL SENSOR 11
(OVERSPEED DETECTOR)
1A2-CENTRIFUGAL SENSOR 12
(OVERSPEED DETECTOR)
1-SS 10271
1-PS 10284
1-FO 10271
1C188
TO ENGINE CONTROL
1A2-DSA-63
1A2-DSA-64
1-PS 10285
1-SS 10272
1-FO 10272
1A2-DSA-62
1A2-DSA-70
1A2-DSA-71
1A1-DSA-72
1A2-FILTER 15
1A2-FILTER 14
AR01
AR02
FL2502
FL2503
1A2-DSA-67
1A2-DSA-59
DRAIN
1A2-DSA-57
1A2-DSA-58
1A2-DSA-55
1A2-DSA-56
FL2500
AR18
62-467-E SH.1 (D-7)
½"-ECC-1-1009
1"-ECC-1-1008
1"-ECC-1-1007
"3"

62-467-E SH.1 (D-10)
½"-ECD-1-1003
Ⓚ 1A2-STARTING AIR COMPRESSOR SKID
1A2-FILTER 13
1A2-HYGROMETER
1-PCV 10287
1-MIS 10271
1A2-DSA-81
NOTE 12
1A2-DSA-27
1A2-DSA-28
1-PCV 10288
1-PI 10277
1-RV 10275
1-SV 10274
1A2-DSA-33
1A2-DSA-31
1A2-OILER 13
1A2-DSA-32
1-PI 10279
1A2-DSA-23
1A2-DSA-25
1A2-DSA-26
1A2-DSA-24
1-PI 10278
1A2-SILENCER
1A2-AIR DRYER 11
NOTE 11
1A2-AIR DRYER 12
NOTE 11
FO
LOCAL SEQUENCER
1-SV 10275
1-SV 10277
1-CV 10288
1-SV 10276
1A2-DSA-19
1-CV-10288 ACTUATOR
1A2-OIL SEPARATOR 12
1A2-OIL SEPARATOR 11
FL2509
1-SV 10279
1-SV 10278
LOCAL SEQUENCER
1-PI 10280
1A2-DSA-4
TO STOP AIR COMPRESSOR
1-PS 10286
1A2-DSA-3
1A2-DSA-2
1-RV 10289
1-RV 10281
1-PI 10281
1A2-DSA-10
1A2-INTERCOOLER 12
1A2-WATER SEPARATOR 12
ROOM AIR
1-LG 10271
1A2-COMPRESSOR DRIVEN LUBE PUMP
CYL 3
CYL 2
CYL 1
M
1-HS 10271
1C188
FROM 1-PS-10286
1-RV 10283
1-PI 10283
1A2-DSA-13
1A2-WATER SEPARATOR 13
FL2510
1A2-DSA-14
1A2-AFTERCOOLER
PILOTED DISCHARGE
1-CV 10283
TO FLOOR
1-RV 10282
1A2-DSA-7
1-PI 10282
1A2-WATER SEPARATOR 11
1A2-INTERCOOLER 11
TO FLOOR
1-PDI 10290
1A2-FILTER 11
1-CV 10281
1-CV 10282
TO EDG UNAVAIL LIGHT
1-PS 10275
1-RV 10276
1-PS 10276
1-PI 10272
1-PT 10272
1A2-DSA-42
1A2-DSA-43
1A2-DSA-38
1A2-DSA-39
1A2-DSA-40
NSR
130 GAL.
1A2-STARTING AIR RECEIVER 12
½"-ECC-1-1004
1A2-DSA-44
1A2-DSA-45
½" DRAIN
½"-ECD-1-1002
1-PS 10273
1-RV 10273
1-PS 10274
1-PI 10271
1-PT 10271
VENT
1A2-DSA-50
1A2-DSA-51
1A2-DSA-46
1A2-DSA-47
1A2-DSA-48
1A2-DSA-60
1A2-DSA-68
1A2-DSA-61
1A2-DSA-82
1A2-STARTING AIR RECEIVER 11
½"-ECC-1-1003
1A2-DSA-52
1A2-DSA-53
½" DRAIN

REV	DATE	DESCRIPTION	DWN	DSGN	DE	IR	APPROVED
1	6/18/99	INCORP. ECN'S M-038, M-075, M-180, J-009, ADDED NOTE 12 REFERENCE, ADDED HOSE CONNECTION FL2508. REFLECTED SACM AS-BUILT AND ISSUED AS-BUILT FOR FCR 89-079. ECN M-102 DOES NOT AFFECT THIS DOCUMENT AND IS LISTED FOR REFERENCE ONLY.	SW	-	-	-	RFY
2	10/13/05	ADMIN CHANGE & AS BUILT DCN 62467SH0002-2002SH0001 ES200100460-000	WHR	-	-	-	RKL
3	11/2/05	AS BUILT DCN 62467SH0002-2001SH0001 ES200000242-000	WHR	-	-	-	RKL

PIPING & INSTRUMENTATION DIAGRAM
STARTING AIR SYSTEM
DIESEL GENERATOR BUILDING 1

CALVERT CLIFFS NUCLEAR POWER PLANT
ENGINEERING SERVICES DEPARTMENT
CALVERT CLIFFS UNIT 1

SIZE E | CAT. C
SCALE: NONE | VENDOR DWG. NO. DG-M-8SH0002 | REV. 3
DWG. NO. 62467SH0002

D-03