12179-EM-158B

(SHUTDOWN ENGINE) 6-2

PRIMARY PROTECTIVE RELAY 86P

BACKUP PROTECTIVE RELAY 86B

OVERSPEED TRIP

EMERGENCY STOPS

CRANKCASE HIGH PRESSURE — STATION BLACKOUT LUBE OIL SYSTEM EM-158A J-11 26958 SH. 1

LOW LUBE OIL PRESSURE — STATION BLACKOUT LUBE OIL SYSTEM EM-158A J-8 26958 SH. 1

HIGH LUBE OIL TEMP — STATION BLACKOUT LUBE OIL SYSTEM EM-158A K-6 26958 SH. 1

LAL 4-4

LOW WATER LEVEL

LT 41

EXPANSION TANK 3BGS-TK1

1" O.D.

7 PSI PRESSURE CAP

1" x 1"

3-BGS-001-9-4 (OVERFLOW)

3-BGS-500-8-4 (VENT)

1" O.D.

3-BGS-750-7-4 (VENT)

3-BGS-025-10-4

LOW WATER PRESSURE

1" (VENT)

SO

1" O.D. (VENT)

HIGH COOLANT TEMP

TI 41

TS 41

RTD 41

TAH 1-4

3-BGS-006-3-4

3-BGS-750-6-4

STATION BLACKOUT LUBE OIL SYSTEM 3-BGD-004-20-4 EM-158A D-4 26958 SH. 1

PAL 3-4

TAL 2-4

8"X6" (TYP)

3-BGS-006-4-4

MANUAL HS MCC AUTO

TCV 51

V3

3-BGS-006-18-4 (BYPASS)

3-BGS-006-5-4

RADIATOR 3BGS-E3

M 3BGS-FN1

M 3BGS-FN2

PT 41

PS 41

TI 42

RTD 42

3-BGS-025-11-4

V2

3-BGS-025-10-4

DISCHARGE MANIFOLD

AFTER COOLER 3BGS-E1A

AFTER COOLER 3BGS-E1B

INLET MANIFOLD

4"

CYLINDER (TYP 16 PLCS)

4"

INLET MANIFOLD

DIESEL ENGINE 3BGS-E01

ENGINE DRIVEN WATER PUMP 3BGS-P1B

ENGINE DRIVEN WATER PUMP 3BGS-P1A

ASPIRATOR B

ASPIRATOR A

TI 43

LUBE OIL COOLER 3BGS-E2

TI 42

3-BGS-125-13-4

3-BGS-125-14-4

3-BGS-125-17-4

3-BGS-500-16-4

3-BGS-125-12-4

3-BGD-004-19-4

STATION BLACKOUT LUBE OIL SYSTEM EM-158A F-4 26958 SH. 1

MAGNESIUM HEATER 3BGS-H1

3-BGS-125-15-4

V1

CL ICN-8

V2000

NOTE 2

3/4" O.D.

MANUAL HS MCC AUTO

NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE EM-158A D26958 SH. 1.
2. FOR THE PURPOSE OF DRAINING OR FILLING THE COOLING WATER SYSTEM, SAMPLE CONNECTION TUBING IS TO BE TEMPORARILY REMOVED.

THIS DRAWING WAS DEVELOPED FROM MKW POWER SYSTEMS, INC. DRAWING NUMBER 16505-609D04001.

S.B.O. O.A.

OPERATIONS CRITICAL

REV.	DATE	DESCRIPTION	BY	CHK	CORR	APP
		REVISIONS DURING CONSTRUCTION				

P.A. No.

CAD
NOTE: ORIGINAL REVISIONS TO THIS DOCUMENT WHICH AS-BUILT ARE PROHIBITED.

W/	P.A.#	NO.	DATE	REVISIONS	BY	CHK.	CORR.	APP.
N/A		00	2-10-03	INITIAL ISSUE PER REV 6	CLW			

ISSUED FOR MASTER DRAWING: 25212-26958 SH. 2 OF 6 | REV 6

Dominion Nuclear Connecticut Inc.

Millstone Power Station

TITLE: MILLSTONE POWER STATION-UNIT NO. 3
LICENSE RENEWAL DIAGRAM
STATION BLACKOUT DIESEL COOLING SYSTEM

BY	CHKD.	APP.	APP.
DATE	DATE	DATE	DATE
SCALE: NONE	MICROFILM DATE	DWG. NO. 25212-LR26958 SH. 2 OF 6 00	

STONE & WEBSTER ENGINEERING CORPORATION BOSTON, MASS.

RESP. DSGN.
DRAWN BY

S&W DWG. NO. 12179-EM-158B

COMPONENTS SUBJECT TO AGING MANAGEMENT REVIEW
3346C — STATION BLACKOUT DIESEL GENERATOR

NOTE: SOME SHADED LINES MAY CONTAIN COMPONENTS FROM MORE THAN ONE SYSTEM.

D-089

Submitted by SEKULIC on Monday December 22 2003 at 07:30:17 AM EST