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

LOW WATER PRESSURE

½" O.D.

7 PSI PRESSURE CAP

¾" x ½"

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

EXPANSION TANK 3BGS-TK1

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

½" O.D.

3-BGS-025-10-4

¾" (VENT)

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

¾" O.D. (VENT)

HIGH COOLANT TEMP

TI 41

TS 41

RTD 41

TAH 1-4

3-BGS-006-3-4

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

3-BGS-004-20-4

3-BGS-750-6-4

PAL 3-4

TAL 2-4

PT 41

PS 41

TS 42

TI 42

8"x6" (TYP.)

3-BGS-006-4-4

TCV 51

V3

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

HS MCC MANUAL AUTO

M 3BGS-FN1

M 3BGS-FN2

RADIATOR 3BGS-E3

3-BGS-006-5-4

DISCHARGE MANIFOLD

AFTER COOLER 3BGS-E1A

AFTER COOLER 3BGS-E1B

INLET MANIFOLD

CYLINDER (TYP 16 PLCS)

4"

INLET MANIFOLD

DIESEL ENGINE 3BGS-EG1

V2

3-BGS-025-11-4

RTD 42

3-BGS-025-10-4

ENGINE DRIVEN WATER PUMP 3BGS-P1B

ASPIRATOR B

TI 43

ASPIRATOR A

ENGINE DRIVEN WATER PUMP 3BGS-P1A

LUBE OIL COOLER 3BGS-E2

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

IMMERSION HEATER 3BGS-H1

3-BGS-125-15-4

V1

V2000

CL ICN-8

NOTE 2

S/D

MANUAL AUTO HS MCC

NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE EM-158A (26958 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 16505-6090D04001.

S.B.O. Q.A.

OPERATIONS CRITICAL

CAD
NOTE: MANUAL REVISIONS TO THIS DOCUMENT WHEN AS-BUILT ARE PROHIBITED.

REV.	DATE	DESCRIPTION	BY	CHK	CORR	APP
		REVISIONS DURING CONSTRUCTION				

P.A. No.

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.
DATE	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG NO. 25212-LR26958 SH. 2 OF 6 00

STONE & WEBSTER ENGINEERING CORPORATION
BOSTON, MASS.

W/P	P.A.#	NO.	DATE	REVISIONS	BY	CHK.	CORR.	APP.
	N/A	00	2-15-02	INITIAL ISSUE PER REV 6	CLW			

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

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

DRAWN BY: CHECKED BY:

RESP. ENGR. DESIGN ENGR.

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

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

D-213

Submitted by AHLUWALIAC on Wednesday January 07 2004 at 10:59:01 AM EST