12179-EM-145A

MAIN STEAM LINE DRAINS BETWEEN STEAM GENERATORS AND MAIN STEAM ISOLATION TRIP VALVES

MAIN STEAM LEADS UPSTREAM OF TURBINE INLET

MAIN STEAM LINE DRAIN UPSTREAM OF SG AUXILIARY FEEDWATER PUMP TURBINE

MAIN STEAM LINE DRAINS BETWEEN MAIN STEAM ISOLATION TRIP VALVES AND MAIN STEAM MANIFOLD

FEEDWATER HEATER AND MSR VENTS AND DRAINS

DRAIN FROM MAIN STEAM LINES TO MOISTURE SEPARATOR REHEATER

MAIN STEAM CONTROL VALVES BEFORE SEAT DRAINS

MAIN STEAM STOP VALVES BEFORE SEAT DRAINS

NOTES:

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS FOR TURBINE PLANT MISC. DRAINS TO BE PREFIXED WITH "3DTM" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURES SYSTEM.
2. ALL LEVEL SWITCH PIPING TO BE 1".
3. CONNECTION TO BE USED FOR NITROGEN BLANKETING OF MAIN STEAM LINES.
4. MISCELLANEOUS ABBRIVATIONS AND SYMBOLS:
   - SAFETY CLASS CHANGE POINT
   - CONDENSER MANUFACTURER'S CONNECTION
5. ALL VENTS, DRAINS AND TEST CONNECTIONS ARE TO BE 3/4" UNLESS OTHERWISE NOTED.
6. ALL VENTS, DRAINS AND TEST CONNECTIONS ARE SAFETY CLASS 4 DOWN STREAM OF FIRST VALVE EXCEPT WHERE NOTED.
7. ALL THERMAL SLEEVES ARE CONSTRUCTED OF A106 GRADE B PIPE.
8. THE SYSTEM OPERATIONS PROCEDURE GOVERNS THE POSITIONING OF VALVES AND DAMPERS (OPEN/ CLOSED/ LOCKED). VALVE/ DAMPER POSITIONS DEPICTED ON THE P&ID ARE FOR GUIDANCE ONLY. REFER TO THE SPECIFIC PROCEDUREFOR VERIFICATION OF VALVE/ DAMPER POSITION.

NUCLEAR SAFETY RELATED
QA CAT. I, ☐

FSAR FIGURE

OPERATIONS CRITICAL

Q.A.

REV.	DATE	DESCRIPTION	BY	CHK.	CORR	APP.
		REVISIONS DURING CONSTRUCTION		P.A. No.		

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

P.A.#	NO.	DATE	REVISIONS	BY	CHK.	CORR	APP.
N/A	00	6-19-02	INITIAL ISSUE PER REV 25	CLW			

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Dominion Nuclear Connecticut Inc.

Millstone Power Station

TITLE: MILLSTONE POWER STATION-UNIT NO. 3
LICENSE RENEWAL DIAGRAM
TURBINE PLANT MISCELLANEOUS DRAINS

BY / DATE / CHKD. / DATE / APP. / DATE / APP. / DATE

SCALE: NONE — MICROFILM DATE — DWG. NO. 25212-LR26945 SH. 1 OF 3 — 00

STONE & WEBSTER ENGINEERING CORPORATION
BOSTON, MASS.

S&W DWG. NO. 12179-EM-145A

DRAWN BY: — CHECKED BY:

RESP. DWRW: SHERMAN/FORTINE
SEAL DWRW: F.XOLATTIS

COMPONENTS SUBJECT TO AGING MANAGEMENT REVIEW
3338C — TURBINE PLANT MISC DRAINS

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

D-177

Submitted by AHLUWALIAC on Wednesday January 07 2004 at 11:02:53 AM EST