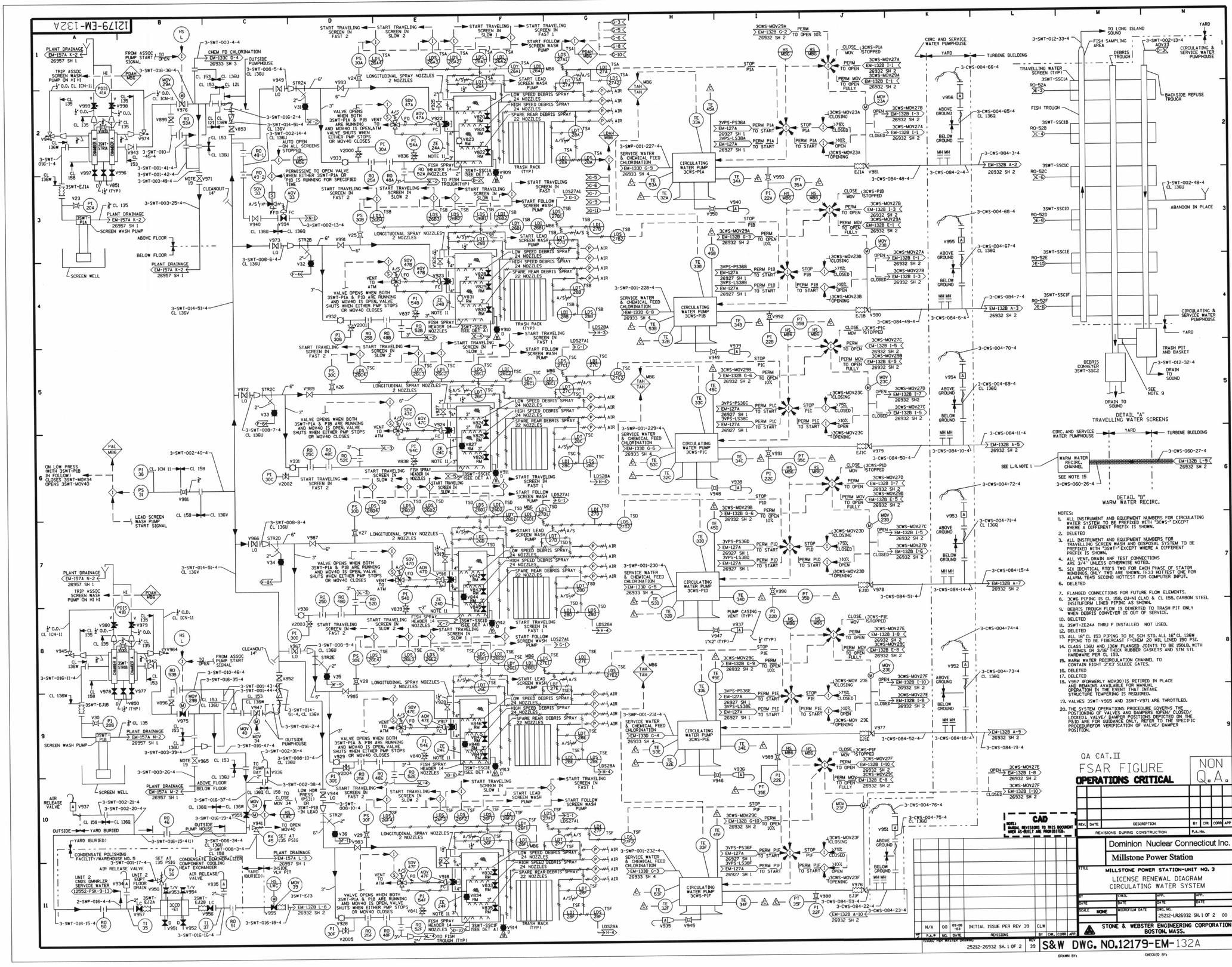
12179-EM-132A




NOTES:

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS FOR CIRCULATING WATER SYSTEM TO BE PREFIXED WITH "3CWS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. DELETED
3. ALL INSTRUMENT AND EQUIPMENT NUMBERS FOR TRAVELLING SCREEN WASH AND DISPOSAL SYSTEM TO BE PREFIXED WITH "3SWT-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
4. ALL VENT, DRAIN AND TEST CONNECTIONS ARE 3/4" UNLESS OTHERWISE NOTED.
5. SIX IDENTICAL RTD'S TWO FOR EACH PHASE OF STATOR WINDINGS, ONLY TWO ARE SHOWN. TE33 HOTTEST ONE FOR ALARM, TE45 SECOND HOTTEST FOR COMPUTER INPUT.
6. DELETED
7. FLANGED CONNECTIONS FOR FUTURE FLOW ELEMENTS.
8. 3CWS PIPING IS CL 158, CU-NI CLAD & CL 158, CARBON STEEL INSTUFORM LINED PIPING AS SHOWN.
9. DEBRIS TROUGH FLOW IS DIVERTED TO TRASH PIT ONLY WHEN DEBRIS CONVEYER IS OUT OF SERVICE.
10. DELETED
11. 3SWT-ZE24A THRU F INSTALLED NOT USED.
12. DELETED
13. ALL 16"O.D. 153 PIPING TO BE SCH STD, ALL 16"O.D. 136W PIPING TO BE FIBERCAST F-CHEM 20 MIL LINED 150 PSI.
14. CLASS 136U AND 136W FLANGED JOINTS TO BE 150LB, WITH O RINGS OR 3/16" THICK RUBBER GASKETS AND STN STL HARDWARE PER CL 153.
15. WARM WATER RECIRCULATION CHANNEL TO CONTAIN EIGHT 2'X3' SLUICE GATES.
16. DELETED
17. DELETED
18. V957 (FORMERLY MOV30) IS RETIRED IN PLACE AND REMAINS AVAILABLE FOR MANUAL OPERATION IN THE EVENT THAT INTAKE STRUCTURE TEMPERING IS REQUIRED.
19. VALVES 3SWT-V965 AND 3SWT-V971 ARE THROTTLED.
20. 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.

L.R. NOTES:

1. THE CONCRETE PORTION OF THE CIRCULATING WATER DEICING BYPASS LINE IS IN SCOPE HOWEVER, THAT PORTION OF THE LINE HAS NOT BEEN HIGHLIGHTED ON THE DRAWING BECAUSE IT HAS BEEN TREATED AS A STRUCTURE IN THE IPA PROCESS.

QA CAT. II

FSAR FIGURE

OPERATIONS CRITICAL

NON Q.A.

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

| REV. | DATE | DESCRIPTION | BY | CHK | CORR | APP |
|---|---|---|---|---|---|---|
| REVISIONS DURING CONSTRUCTION | | | | P.A. No. | | |
| N/A | 00 | 09-08-03 INITIAL ISSUE PER REV 39 | CLW | | | |

Dominion Nuclear Connecticut Inc.

Millstone Power Station

TITLE: MILLSTONE POWER STATION-UNIT NO. 3

LICENSE RENEWAL DIAGRAM CIRCULATING WATER SYSTEM

| BY | CHKD. | APP. | APP. |
|---|---|---|---|
| DATE | DATE | DATE | DATE |

SCALE: NONE — MICROFILM DATE — DWG. NO. 25212-LR26932 SH. 1 OF 2 00

STONE & WEBSTER ENGINEERING CORPORATION BOSTON, MASS.

ISSUED PER MASTER DRAWING LIST 25212-26932 SH. 1 OF 2 — REV 35

S&W DWG. NO. 12179-EM-132A

DRAWN BY: — CHECKED BY:

COMPONENTS SUBJECT TO AGING MANAGEMENT REVIEW

3325H CIRCULATING WATER

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

D-159

Submitted by AHLUWALIAC on Monday January 19 2004 at 09:30:10 AM EST