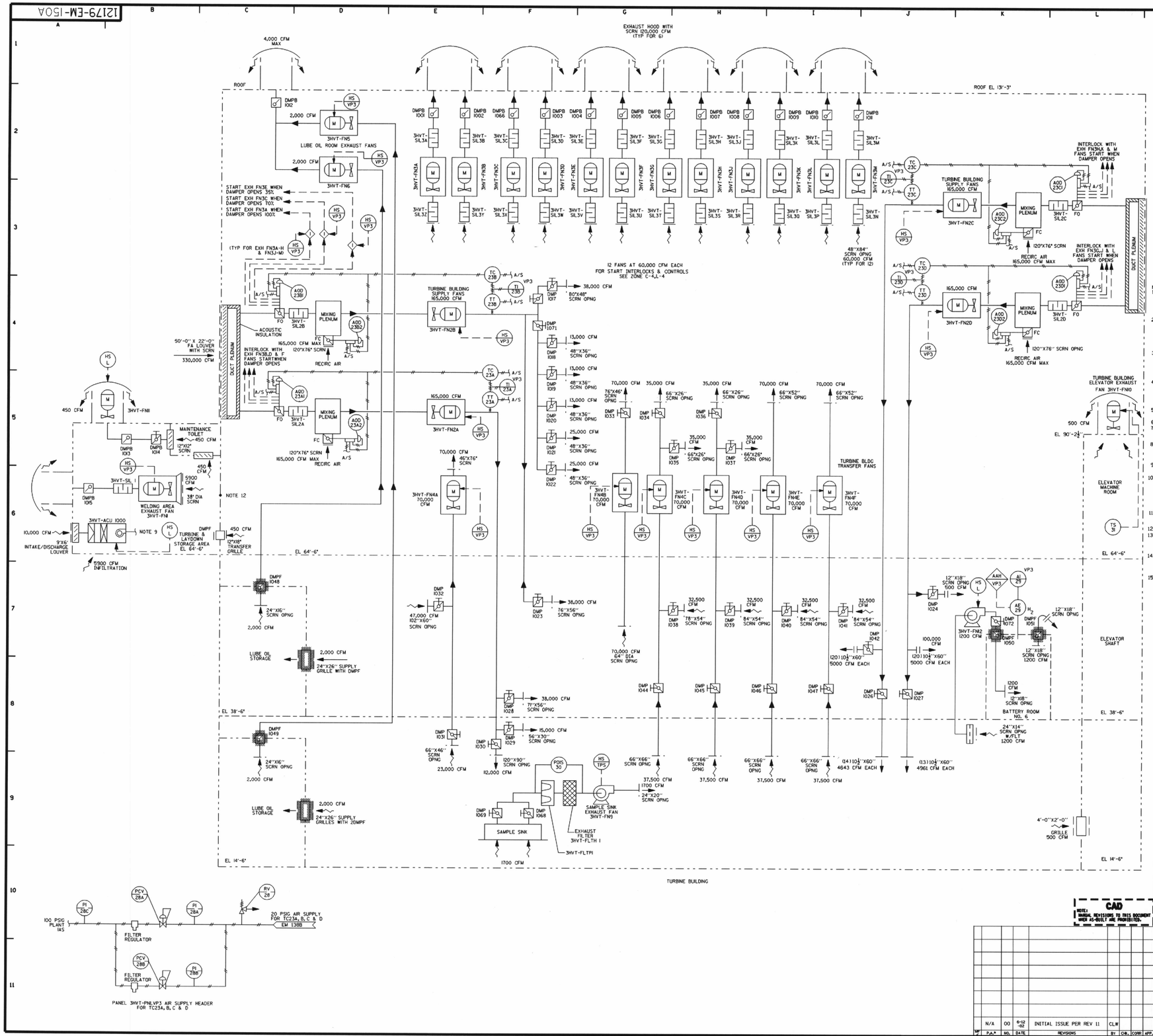

NOTES:

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS FOR TURBINE BUILDING VENTILATION TO BE PREFIXED WITH "3HVT-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURES SYSTEM.
2. ALL INSTRUMENT AND EQUIPMENT NUMBERS FOR ISOLATED PHASE BUS DUCT COOLING SYSTEM TO BE PREFIXED WITH "3GML-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURES SYSTEM.
3. ALL INSTRUMENT AND EQUIPMENT NUMBERS FOR DIESEL GENERATOR BUILDING VENTILATION TO BE PREFIXED WITH "3HVP-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURES SYSTEM.
4. ALL INSTRUMENT AND EQUIPMENT NUMBERS FOR YARD STRUCTURES VENTILATION TO BE PREFIXED WITH "3HVY-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURES SYSTEM.
5. FOR COOLING WATER TO 3HVY-ACU5U1 CONDENSING UNIT, SEE TURBINE PLANT COOLING WATER 12179-EM-134.
6. DELETED
7. ALL DUCTWORK CAT. II EXCEPT THAT ASSOCIATED WITH THE LO STORAGE AREAS, TURBINE/LAYDOWN STORAGE AREA, ELEVATOR MACHINE ROOM AND SAMPLE SINK EXHAUST.
8. UNLESS OTHERWISE NOTED:
   SUPPLY AIR REGISTERS SHALL BE TYPE DDH0;
   RETURN AIR REGISTERS SHALL BE TYPE DDH0;
   SUPPLY GRILLES SHALL BE DHF.
9. SUPPLY TO DUCTWORK OF MAINTENANCE/OPERATIONS OFFICES. SUPPLY TO PACKAGE UNIT 3HVT-ACU1000.
10. THE ISOLATED PHASE DUCT COOLING SYSTEM NORMALLY OPERATES AS A CLOSED LOOP SYSTEM BUT MAY BE OPERATED AS AN OPEN SYSTEM BY TAKING SUCTION FROM THE ATMOSPHERE THRU THE FILTER AND MANUALLY POSITIONING THE DOUBLE SET DAMPER TO DISCHARGE TO THE ATMOSPHERE.
11. 2,000 CFM INFILTRATION THROUGH CLOSED DAMPERS FOR OPERATION OF FANS FN2A, 2B WHEN THE EMERGENCY DIESEL OPERATOR IS NOT OPERATING.
12. DOORS TO BE NORMALLY CLOSED.
13. TEST DATA INDICATES MEASURED FLOW RATES OF 6900 CFM (SUMMER) AND 3100 CFM (WINTER). THE ADDITIONAL 1300 CFM DURING THE SUMMER MODE IS ATTRIBUTED TO INFILTRATION.
14. 4DMPIA/B ARE TWO POSITION DAMPERS. SUMMER MODE OR WINTER MODE, THESE DAMPERS WERE PREVIOUSLY BACKDRAFT DAMPERS WHICH HAVE BEEN CONVERTED TO VOLUME CONTROL DAMPERS.
15. 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.

QA CAT. II,III

FSAR FIGURE

OPERATIONS CRITICAL

NON Q.A.

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
TURBINE PLANT VENTILATION

BY / CHKD. / APP. / APP.
DATE / DATE / DATE / DATE
SCALE NONE / MICROFILM DATE / DWG. NO. 25212-LR26950 SH.1 OF 3 00

STONE & WEBSTER ENGINEERING CORPORATION BOSTON, MASS.

DESIGN ENGR. M. SCANLON
DESIGN ENGR. R. BOULOS

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

P.A.#	NO.	DATE	REVISIONS	BY	CHK.	CORR.	APP.
N/A	00	6-12-02	INITIAL ISSUE PER REV 11	CL#			

ISSUED FOR BASTER DRAWING 25212-26950 SH.1 OF 3 REV 11

S&W DWG. NO. 12179-EM-150A

DRAWN BY: CHECKED BY:

COMPONENTS SUBJECT TO AGING MANAGEMENT REVIEW
3315A TURBINE BUILDING HVAC

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

D-194

Submitted by AHLUWALIAC on Wednesday January 07 2004 at 11:01:06 AM EST