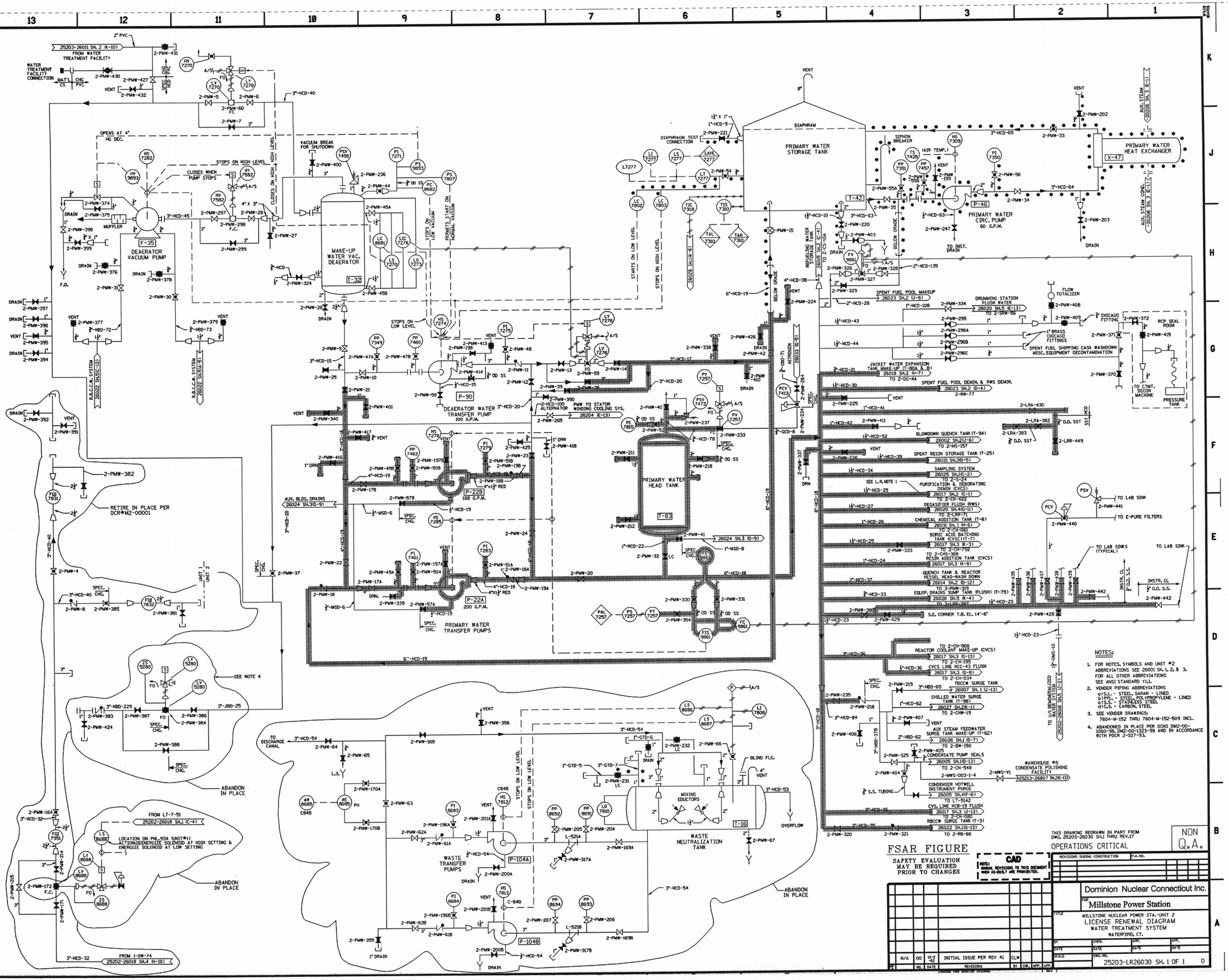
PRIMARY WATER STORAGE TANK
PRIMARY WATER HEAT EXCHANGER
PRIMARY WATER CIRC. PUMP 60 G.P.M.
DEAERATOR VACUUM PUMP
MAKE-UP WATER VAC. DEAERATOR
DEAERATOR WATER TRANSFER PUMP 100 G.P.M.
PRIMARY WATER HEAD TANK
PRIMARY WATER TRANSFER PUMPS
WASTE TRANSFER PUMPS
WASTE NEUTRALIZATION TANK
MIXING EDUCTORS
PRESSURE TANK
RCP SEAL RETURN
SPENT FUEL POOL MAKEUP
SPENT FUEL POOL DEMIN. & RWS DEMIN.
SPENT FUEL SHIPPING CASK WASHDOWN MISC. EQUIPMENT DECONTAMINATION
DRUMMING STATION FLUSH WATER
JACKET WATER EXPANSION TANK MAKE-UP (T-80A & B)
BLOWDOWN QUENCH TANK (T-94)
SPENT RESIN STORAGE TANK (T-25)
SAMPLING SYSTEM
PURIFICATION & DEBORATING DEMIN (CVCS)
DEGASIFIER FLUSH (RWS)
CHEMICAL ADDITION TANK (T-6)
BORIC ACID BATCHING TANK (CVCS) (T-7)
RESIN ADDITION TANK (CVCS)
QUENCH TANK & REACTOR VESSEL HEAD WASH DOWN
EQUIP. DRAINS SUMP TANK (FLUSH) (T-75)
REACTOR COOLANT MAKE-UP (CVCS)
CVCS LINE HCB-43 FLUSH
TBCCW SURGE TANK
CHILLED WATER SURGE TANK (T-98)
AUX STEAM FEEDWATER SURGE TANK MAKE-UP (T-62)
CONDENSATE PUMP SEALS
CONDENSER HOTWELL INSTRUMENT PURGE
CVS. LINE HCB-19 FLUSH
RBCCW SURGE TANK (T-31)
WAREHOUSE #5 CONDENSATE POLISHING FACILITY
TO LAB SINK
TO E-PURE FILTERS
TO LAB SINKS (TYPICAL)
TO LAB SINK
ABANDON IN PLACE
RETIRE IN PLACE PER DCR# M2-00001
SEE NOTE 4
LOCATION ON PNL-934 (UNIT#1) ACTION:DEENERGIZE SOLENOID AT HIGH SETTING & ENERGIZE SOLENOID AT LOW SETTING
FROM LT-7-51
FROM 1-DW-74
WATER TREATMENT FACILITY CONNECTION
FROM WATER TREATMENT FACILITY
TO INST. DRAIN
TO U/A DEMINERALIZED WATER SYSTEM
TO CTMT. DECON MACHINE
TO PURIFICATION & DEBORATING DEMIN (CVCS)
TO DISCHARGE CANAL
AUX. BLDG. DRAINS
R.A.C.C.W. SYSTEM
PRIMARY WATER HEAT EXCHANGER
AUX. STEAM COND.
AUX. STEAM
REFUELING WATER STORAGE TANK
NITROGEN
SEE L.R. NOTE 1
SE. CORNER T.B. EL. 14'-6"
BELOW GRADE
STARTS ON LOW LEVEL
STOPS ON HIGH LEVEL
STOPS ON LOW LEVEL
CLOSES WHEN PUMP STOPS
OPENS AT 4" HG DEC.
VACUUM BREAK FOR SHUTDOWN
PERMITS START ON NORMAL VACUUM
CLOSES ON HIGH LEVEL
STOPS ON LOW VACUUM
PWW TO STATOR WINDING COOLING SYS. ALTERNATOR
DIAPHRAGM
DIAPHRAGM TEST CONNECTION
SIPHON BREAKER
(AIR TEMP.)
MUFFLER
BLIND FLG.
OVERFLOW
UNIT 1
UNIT 2
NOTES:
1. FOR NOTES, SYMBOLS AND UNIT #2 ABBREVIATIONS SEE 26001 SH. 1, 2 & 3. FOR ALL OTHER ABBREVIATIONS SEE ANSI STANDARD Y1.1.
2. VENDER PIPING ABBREVIATIONS
a) S.L. - STEEL, SARAN - LINED
b) PPL - STEEL, POLYPROPYLENE - LINED
c) S.S. - STAINLESS STEEL
d) C.S. - CARBON, STEEL
3. SEE VENDER DRAWINGS: 7604-M-152 THRU 7604-M-152-509 INCL.
4. ABANDONED IN PLACE PER DCNS DM2-00-1060-98, DM2-00-1323-98 AND IN ACCORDANCE WITH PDCR 2-027-93.
L.R. NOTES:
1. L.R. BOUNDARY ENDS AS PIPING GOES THROUGH WALL TO THE ION EXCHANGERS.
FSAR FIGURE
SAFETY EVALUATION MAY BE REQUIRED PRIOR TO CHANGES
CAD
NOTE: ORIGINAL REVISIONS TO THIS DOCUMENT WHEN AS-BUILT ARE PROHIBITED.
THIS DRAWING REDRAWN IN PART FROM DWG. 25203-26030 SH.1 THRU REV.17
OPERATIONS CRITICAL
NON Q.A.
REVISIONS DURING CONSTRUCTION
Dominion Nuclear Connecticut Inc.
FOR Millstone Power Station
MILLSTONE NUCLEAR POWER STA.-UNIT 2
LICENSE RENEWAL DIAGRAM
WATER TREATMENT SYSTEM
WATERFORD, CT.
25203-LR26030 SH. 1 OF 1
0
COMPONENTS SUBJECT TO AGING MANAGEMENT REVIEW
23488 PRIMARY MAKEUP WATER
NOTE: SOME SHADED LINES MAY CONTAIN COMPONENTS FROM MORE THAN ONE SYSTEM.
D078
Submitted by SEKULIC on Monday December 22 2003 at 07:35:34 AM EST