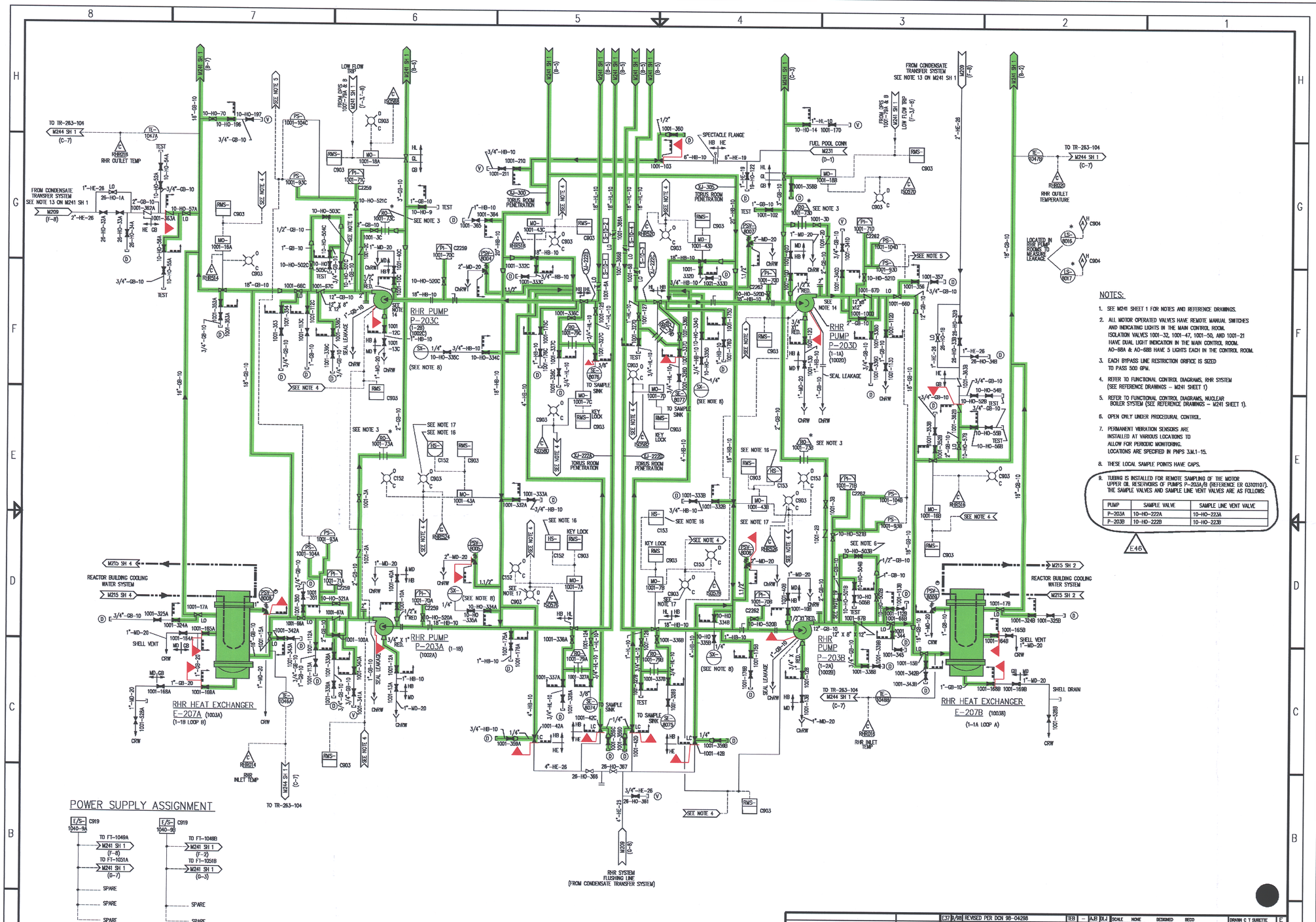

NOTES:

1. SEE M241 SHEET 1 FOR NOTES AND REFERENCE DRAWINGS.
2. ALL MOTOR OPERATED VALVES HAVE REMOTE MANUAL SWITCHES AND INDICATING LIGHTS IN THE MAIN CONTROL ROOM. ISOLATION VALVES 1001-32, 1001-47, 1001-50, AND 1001-21 HAVE DUAL LIGHT INDICATION IN THE MAIN CONTROL ROOM. AO-68A & AO-68B HAVE 5 LIGHTS EACH IN THE CONTROL ROOM.
3. EACH BYPASS LINE RESTRICTION ORIFICE IS SIZED TO PASS 500 GPM.
4. REFER TO FUNCTIONAL CONTROL DIAGRAMS, RHR SYSTEM (SEE REFERENCE DRAWINGS – M241 SHEET 1)
5. REFER TO FUNCTIONAL CONTROL DIAGRAMS, NUCLEAR BOILER SYSTEM (SEE REFERENCE DRAWINGS – M241 SHEET 1).
6. OPEN ONLY UNDER PROCEDURAL CONTROL.
7. PERMANENT VIBRATION SENSORS ARE INSTALLED AT VARIOUS LOCATIONS TO ALLOW FOR PERIODIC MONITORING. LOCATIONS ARE SPECIFIED IN PINP'S 3.M.1-15.
8. THESE LOCAL SAMPLE POINTS HAVE CAPS.
9. TUBING IS INSTALLED FOR REMOTE SAMPLING OF THE MOTOR UPPER OIL RESERVOIRS OF PUMPS P-203A/B (REFERENCE ER 03101107). THE SAMPLE VALVES AND SAMPLE LINE VENT VALVES ARE AS FOLLOWS:

PUMP	SAMPLE VALVE	SAMPLE LINE VENT VALVE
P-203A	10-HO-222A	10-HO-223A
P-203B	10-HO-222B	10-HO-223B

E46

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

RESIDUAL HEAT REMOVAL SYSTEM AMRM-02

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	11-14-05					

REVISIONS

CAD FILE LRA-M-241-SH-02-0

CAD FILE LRA-M-241-SH-02_E46.DGN

MASTER FILE M241SH2-CALS_E46.CAL

NO	DATE	REVISIONS	BY	ENG	CHK	APP
E37	8/98	REVISED PER DCN 98-04298	TEB	–	AJB	DLJ
E36	8/98	REVISED FOR FRN 98-01-38 PER DCN 04086	CTS	–	AJB	DLJ
E35	4/99	REVISED FOR PDC 96-07 PER DCN 00974	DOC	–	DMM	DLJ
E46	7/05	PARTIALLY REVISED FOR ER 03101107 PER DCN 17987	LAC	–	DLJ	DLJ
E45	01/03	REVISED PER DCN 03-15579	TEB	–	AEJ	MJB
E44	4/03	REV FOR CR-PNP-2002-09852 PER DCN 14468	TEB	–	CTS	MJB
E43	9/01	REVISED PER DCN 01-11505	TEB	–	AEJ	DLJ
E42	8/01	REVISED FOR PDC 00-11 PER DCN 10805	CTS	–	AEJ	DLJ
E41	8/99	REVISED FOR PR 98.9537.00 PER DCN 06493	AJB	–	AEJ	DLJ
E40	11/98	REVISED FOR PR 98.2875 PER DCN 04614	CTS	–	AJB	DLJ
E39	11/98	REVISED FOR PR 98.1944 PER DCN 04530	CTS	–	AJB	DLJ
E38	10/98	REVISED FOR PR 98.2459 PER DCN 04482	TEB	–	AJB	DLJ

TITLE OF REFERENCE DRAWINGS | DWG NUMBER

SCALE NONE | DESIGNED BECO | DRAWN C T SURETTE | E

Entergy

Entergy Nuclear Generation Company
PILGRIM STATION
PLYMOUTH, MA

TITLE P & ID RESIDUAL HEAT REMOVAL SYSTEM

Q X Non Q

DRAWING NO. M241 SH 2 | REV E46

41100-2935 FSAR FIGURE 4.8-1 (REV 16)

AMM\BECO\M241SH2.DWG

10-33