FROM "A", "B" AND "C" COOLING WATER PUMPS

RCIC PUMP AREA CLG COIL VAC-202A (1-1)

RCIC PUMP AREA CLG COIL VAC-202B (1-2)

RHR PUMP AREA CLG COIL VAC-204A (1-1B)

RHR PUMP AREA CLG COIL VAC-204B (1-1A)

CORE SPRAY PUMP MOTOR THRUST BRNG P-215A (1-1B)

RHR PUMP SEAL COOLER E-203C (1-2B)

RHR PUMP SEAL COOLER E-203A (1-1B)

RHR HEAT EXCHANGER E-207A

FUEL POOL HEAT EXCHANGER E-206A (1-1)

LOOP "A"

TO "A" RBCCW HEAT EXCHANGER

TO CLEANUP AND FUEL POOL HEAT EXCHANGER E45

FROM MO-4009A (A-5)

FROM MO-4009A (A-6)

LUBE OIL COOLER

CLEAN-UP RECIRC PUMP P-204A COOLING SYSTEM (1-2)

STUFFING BOX COOLING

LUBE OIL COOLER

CLEAN-UP RECIRC PUMP P-204B COOLING SYSTEM (1-1)

CONTROL ROD DRIVE PUMP AREA COOLING COIL VAC-203A (1-1)

CONTROL ROD DRIVE PUMP AREA COOLING COIL VAC-203B (1-2)

CRD PUMP P-209B * OIL COOLER E-212B (1-2)

CRD PUMP P-209B * THRUST BRNG COOLER (1-2)

CRD PUMP P-209A * OIL COOLER E-212A (1-1)

CRD PUMP P-209A * THRUST BRNG COOLER (1-1)

TO MO-4009B AND E-209B

LOOP "B"

NOTES:
1. SEE M215 SHEET 1 FOR NOTES

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

- RESIDUAL HEAT REMOVAL SYSTEM AMRM-02
- CORE SPRAY SYSTEM AMRM-03
- REACTOR BUILDING CLOSED COOLING WATER SYSTEM AMRM-12
- HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS AMRM-19

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	4-12-05	REVISIONS				

LRA-M-215-SH-04-0

CAD FILE: LRA-M-215-SH-04_E45.DGN
MASTER FILE: M215SH4-CALS_E45.CAL

NO.	DATE	REVISIONS	BY	ENG	CHK	APP
E37	03/07	REVISED PER DCN 97-01792	TEB	-	AEJ	AJB
E36	9/99	REVISED FOR PR 97.0939 PER DCN 00823	CTS	-	AEJ	DLJ
E35	03/01	ELECTRONIC CONVERSION PER DCN 97-00272	CTS	-	AJB	DLJ
E34	7/95	REVISED PER PR 95.0325	CTS	PDH	SCC	TFW
E45	6/93	REVISED PER DCN 0.3-15358	TEB	-	AEJ	MJB
E44	4/93	REVISED FOR CR-FNP-2002-00852 PER DCN 14464	TEB	-	CTS	MJB
E43	9/92	PARTIAL REVISION FOR PRC 02-55 PER DCN 13785	TEB	-	AEJ	MJB
E42	3/91	REVISED FOR FRN 97-01-70 PER DCN 12654	TEB	-	CTS	DLJ
E41	11/90	REVISED PER DCN 00-09407	AJB	-	AEJ	DLJ
E40	11/90	REVISED PER DCN 99-06867	TEB	-	AJB	DLJ
E39	7/90	REVISED FOR PR 97.1395.01 PER DCN 02751	CTS	-	AJB	DLJ
E38	1/90	REVISED PER DCN 98-02807	TEB	-	AJB	DLJ

TITLE OF REFERENCE DRAWINGS | DWG NUMBER

SCALE: NONE | DESIGNED: BECHTEL | DRAWN: C.T. SURETTE | E

Entergy Nuclear Generation Company
PILGRIM STATION
PLYMOUTH, MA

TITLE: P & ID
COOLING WATER SYSTEM
REACTOR BUILDING

Q [X] Non Q

DRAWING NO. M215 SH 4 E45

REV.

41100-3320 FSAR DWG FIGURE 10.5-1 (REV 16) Q:\MECH\P&ID\M215SH4.DWG

8-11