



ELEVATION CORRELATION CHART						
REFERENCE	INCHES ABOVE VESSEL ZERO	TRIP'S DESCRIPTION	INSTRUMENT(S) PROVIDING TRIP	LOAD CONDITION	ACTUAL BOILER LEVEL RELATIVE TO INSTRUMENT ZERO	INDICATED LEVEL & TRIP SETTINGS (NOTE 6)
NOZZLE N15A & B	547					
REACTOR PROTECTION & FEEDWATER 100%	542.5	TRIP ALL REACTOR FEED PUMPS & HIGH LEVEL ALARM (SEE DWS MIP-2-7 & M208)	LS-640-44A & B (SEE DWS MIP-2-7 & M208)	10% LOAD 100% LOAD	+60 +53	+60
	537.5	PRIMARY CONTAINMENT GROUP 1 ISOLATION (STEAM LINE LOW PRESSURE BY-PASS)	LS-263-57A-2, B-2 LS-263-58A-2, B-2	10% LOAD 100% LOAD	+55 +48	+55
SAFEGUARDS 100%	532.5					+50
	527.5	CLOSE MAIN TURBINE STOP VALVES	LS-263-72A-4B-4 LS-263-72A-2B-2	10% LOAD	+45	+45
	514.5	TRIP RHC & HPO TURBINES	LS-263-72A-3B-3	100% LOAD	+38	
	503.5	HIGH LEVEL ALARM	LR-640-26 / LT-646A,B	10% LOAD 100% LOAD	+32 +25	+32
	500.5	LOW LEVEL ALARM	LR-640-26 / LT-646A,B	10% LOAD 100% LOAD	+25 +18	+25
	494.5	INITIATE REACTOR PUMP RUN BACK	LS-640-33	10% LOAD 100% LOAD	+20 +13	+20
FEEDWATER INSTRUMENT ZERO & PROTECTION SAFEGUARDS INSTRUMENT ZERO	482.5	SCRAM & CLOSE PRIMARY SYSTEM ISOLATION VALVES EXCEPT MAIN STEAM LINES	LS-263-57A-1B-1 LS-263-58A-1B-1	10% LOAD 100% LOAD	+12 +5	+12
BOTTOM OF DRYER SUPPORT SKIRT	481					
	436.5	TRIP REACTOR PUMPS AND INITIATE ALTERNATE ROD INSERTION	LS-263-121A,C US-263-121B,D US-263-57A,B US-263-58A,B			
REACTOR PROTECTION & SAFEGUARDS INSTRUMENTATION (-) 100%	432.5	TRIP REACTOR PUMPS, CONTAINMENT GROUP 1 ISOLATION, CONTAINMENT GROUP 2 ISOLATION, INITIATE REACTOR FEED PUMPS TO START STANDBY DIESEL	US-263-72A,B,C,D US-263-72A-1, 72B-1, 72C-1, & 72D-1	10% TO 100% LOAD	-46	-46
NOZZLE N15A & B	425.5					
TOP OF ACTIVE FUEL	356 5/16					
2 OF CORE HEIGHT 3 LEVEL	307	PROVIDE "NOT" PERMISSIVE TO MANUALLY OPERATE CONTAINMENT SPRAY WHEN LEVEL IS LESS THAN 2/3 CORE HEIGHT	US-263-73A,B	NO LOAD	-175.5	-175.5

FORMERLY M253 (GE DRAWING NO 730E103)

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Entergy  
Entergy Nuclear Generation Company  
PILGRIM STATION  
PLYMOUTH, MA

NUCLEAR BOILER  
VESSEL INSTRUMENTATION

M253 SH 1 E42

41100-4803 FSAR FIGURE 7.8-2 (REV 16)

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

REACTOR COOLANT SYSTEM  
PRESSURE INSTRUMENTATION  
AMRM-33

NOTE:  
1. ALL NOTES AND REFERENCES ARE SHOWN ON DRAWING M253 SH 2.  
2. VALVES ARE NOT TAGGED BECAUSE PIPING DOWNSTREAM HAS BEEN REMOVED & CAPPED.

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