



- NOTES:**
- FOR GENERAL NOTES & LEGEND SEE DWG NO. 5613-M-3000 SH. 2.
  - DELETED.
  - REACTOR, STEAM GENERATORS AND PRESSURIZER DESIGNED IN ACCORDANCE WITH ASME SECTION III (1983) FOR CLASS A NUCLEAR NEW STEAM GENERATOR COMPONENTS FABRICATED TO ASME SECTION III-1977 (SUBMIT 1978). PIPING IN ACCORDANCE WITH ASME SECTION III (1983) WITH CODE CASES M-7 AND M-10 AND SPECIAL INSPECTION REQUIREMENTS.
  - HOT LEG PIPING, 2" INSIDE DIAMETER.
  - INTERMEDIATE LEG PIPING, 3" INSIDE DIAMETER.
  - COLD LEG PIPING, 2.5" INSIDE DIAMETER.
  - SCOPES REFERENCE DRAWING 5610-M-410-24.
  - RESISTANCE TEMPERATURE DETECTOR BYPASS HOT LEG LINE SCOPES REFERENCE DRAWING 5610-M-410-123.
  - RESISTANCE TEMPERATURE DETECTOR INSTALLED IN WELL REFERENCE DRAWING 5610-M-410-52.
  - DELETED.
  - SYMBOL INDICATES THERMAL SLEEVE FITTING.
  - REFERENCE DRAWINGS 5610-M-410-49, -54, -55, -56 AND PRESSURIZER MANUAL.
  - PLASTIC RUBING IS IN USE FOR REDUCED RCS INVENTORY DURING MID-LOOP CONDITIONS MODES (5 & 6) LEVEL INDICATOR SHALL BE ISOLATED AND TUBING DISCONNECTED DURING MODES 1 THRU 4.
  - RESIDUAL HEAT REMOVAL LOOP (RCS) CONNECTION LOCATED ON BOTTOM OF PIPING AT 45 ANGLE FROM VERTICAL.
  - PIPING REFERENCE TO THIS NOTE IS 3/4" NOMINAL OUTSIDE DIAMETER, 0.234" INSIDE DIAMETER.
  - MB = INSIDE MESSAGE BARRIER.
  - FOR REACTOR COOLANT PUMP CONNECTIONS TO SYSTEMS NOT SHOWN ON THIS DRAWING SEE REFERENCE DRAWINGS 5613-M-3041 SH. 3 AND 5613-M-3047 SH. 3.
  - FOR STEAM GENERATOR CONNECTIONS TO SYSTEMS NOT SHOWN ON THIS DRAWING SEE 5613-M-3077 SH. 1 MAIN STEAM SYSTEM AND 5613-M-3074 SH. 3 FEEDWATER SYSTEM.
  - THE THERMOWELLS ARE NUMBERED B1, B2, & B3 (WITH B1 AT THE TOP) CLOCKWISE LOOKING TOWARDS THE REACTOR VESSEL.
  - THE RTD CONTAINS DUAL ELEMENTS, THEREFORE HAS AN INSTALLED SPARE.
- REFERENCE DRAWINGS:**
- 5613-M-3041 SH. 2 REACTOR COOLANT SYSTEM
  - 5613-M-3041 SH. 3 REACTOR COOLANT SYSTEM
  - 5613-M-3035 SH. 1 SAMPLE SYSTEM - KESS
  - 5613-M-3047 SH. 3 CW/S - SEAL WATER INJECTION
  - 5613-M-3050 SH. 1 RESIDUAL HEAT REMOVAL SYSTEM
  - 5613-M-3062 SH. 1 SAFETY INJECTION SYSTEM
  - 5613-M-3064 SH. 1 SAFETY INJECTION ACCUMULATOR SYSTEM
  - 5613-M-3067 SH. 1 WASTE DISPOSAL SYSTEM - LIQUIDS
  - 9850-M-3005 SH. 1 NITROGEN & HYDROGEN SYSTEMS
  - 5610-T-D-2 CONTROL SYSTEM DIAGRAM, CONTROL PROTECTION SAFEGUARDS AND STATUS MONITORING SYSTEMS
  - 5610-T-D-15 CONTROL SYSTEM DIAGRAM, PRESSURIZER LEVEL CONTROL & PROTECTION AND CHARGING PUMP CONTROL
  - 5610-T-D-16A CONTROL SYSTEM DIAGRAM, PRESSURIZER PRESSURE PROTECTION AND OVERPRESSURE MITIGATION SYSTEM
  - 5610-F-D-16B CONTROL SYSTEM DIAGRAM, PRESSURIZER PRESSURE CONTROL
  - 5610-T-L (SERIES) LOGIC DIAGRAM

REV	DATE	REVISION	BY	CHK	APP	APP	REV	DATE	REVISION	BY	CHK	APP	APP	REV	DATE	REVISION
11	3-6-93	ISSUED AS-BUILT FOR DCR-TPM-93-075.														
10	2-10-93	ISSUED AS-BUILT FOR PC/M 92-090, 90-220, & 89-332, AND CAD ERROR.														
9	12-17-92	ISSUED AS-BUILT FOR PC/M 89-542 WITH EXTENSIVE CHANGES TO BOUNDARY FLAGS - NO FLAG REVISION CLOUDS USED.														
		ISSUED AS-BUILT FOR DCR-TPM-92-215.														

THIS DRAWING SUPERSEDES DRAWINGS:  
 5610-M-410-91 SH. 1 REV. 13  
 5610-M-366 REV. 4  
 5610-M-1288 REV. 4  
 5610-M-410-202 SH. 2 REV. 4  
 5610-M-367 REV. 2  
 5613-M-410-202 SH. 1 REV. 4  
 5610-M-410-91 SH. 2 REV. 30  
 5610-M-355 REV. 2  
 5610-M-353 REV. 2  
 5610-M-1297 REV. 5

NOTE: THIS DWG IS MADE FROM:  
 FPL PCD 5613-M-3041 SH. 1 REV. 30  
 FPL PCD 5613-M-3041 SH. 1 REV. 30

**INFORMATION ONLY**

**POD**

TURKEY POINT NUCLEAR UNIT 3  
 P A I D  
**REACTOR COOLANT SYSTEM**

STONE & WEBSTER ENGINEERING CORP.  
 FT. LAUDERDALE, FLORIDA

DRAWING NUMBER: 5613-M-3041  
 SHEET 1 OF 12  
 UTMOOD:20 DWG

5613-M-3041 SH. 1

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PDR RIDS

