



- NOTES:**
- FOR MOUNTING FLOOR AND WALL PANELS, SEE DETAILS ON DRAWING 5RW0912-10-SERIES.
  - 5RW0925-10-SERIES DRAWINGS SHALL DICTATE THE SUPPORT METHOD & ALLOWANCE FOR LINEAR MOTION OF INSTRUMENTATION & CONTROL LINES WHILE IN SERVICE.
  - INSTALLER TO REMOVE ALL BURRS & PIPING COMPOUND. ALL AIR LINES SHALL BE BLOWN DOWN WITH CLEAN, DRY, OIL-FREE AIR BEFORE FINAL CONNECTION IS MADE TO INSTRUMENTS. DEMINERALIZED WATER OR CLEAN, DRY, OIL-FREE AIR SHALL BE USED TO BLOW DOWN ALL OTHER INSTRUMENT LINES.
  - MINIMUM DESIRED SLOPE FOR LEVEL & FLOW SENSING LINES IS 1" IN 12". ABSOLUTE MINIMUM ALLOWABLE SLOPE IS 1/8" IN 12". FIELD TO INSTALL HIGH-POINT VENTS OR LOW POINT DRAINS PER DWG 5AW0911-10-21 WHERE SLOPE CANNOT BE MAINTAINED. HIGH-POINT VENTS IN THE FOLLOWING SYSTEMS SHALL BE ROUTED TO THE TRITIATED DRAIN SYSTEM FOR FLUID OR GAS DISPOSAL: NC, ND, NL, NS & WL. CLOSED DRAINS ARE PREFERRED, CODE CLASS-3S1.1S.
  - LOCAL PANEL COMPONENTS IDENTIFIED BY LPR ARE FOR INSTALLATION & MAINTENANCE PURPOSE ONLY & ARE NOT PART OF THE UID SYSTEM. COMPONENTS MAY BE IDENTIFIED BY LOOP NUMBERS ONLY, E.G. 00A, 00B, ETC.
  - INSTALLER SHALL USE EMBOSSING PRESS & 1/2" WIDE STAINLESS STEEL TAPE FOR STAMPING IDENTIFICATION TAGS USED ON TUBING LINES. EACH LINE SHALL BE TAGGED AT EACH END & AT POINTS AS MAY BE NECESSARY FOR IDENTIFICATION. TAGS SHALL ALSO BE USED TO IDENTIFY INSTRUMENTS & SENSING ELEMENTS NOT OTHERWISE IDENTIFIED.
  - III-3-S1 THIS SYMBOL INDICATES INSTRUMENT LINE CODE CLASSIFICATION.
  - CODE CLASSIFICATION WILL BE MAINTAINED FROM THE SOURCE ROOT VALVE THROUGH THE FIRST INSTRUMENT ISOLATION VALVE (NORMALLY LOCATED ON THE LOCAL PANEL) UNLESS OTHERWISE NOTED.
  - INSTRUMENT LINES, AIR SUPPLY LINES OR AIR SIGNAL LINES DESIGNATED WITH CLASSIFICATION III-1-S (ASME CLASS I), III-2-S (ASME CLASS 2), OR III-3-S (CLASS 3) SHALL BE SEISMIC & SHALL BE IN ACCORDANCE WITH ASME SECTION III, SUBSECTION NF WITH QUALITY CONTROL PER REGULATORY GUIDE 1.26 QUALITY GROUPS A, B & C RESPECTIVELY (SEE 5RW0925-10-SERIES). INSTRUMENT LINES, AIR SUPPLY LINES OR AIR SIGNAL DESIGNATED 3S1.1S (ANSI B31.1) SHALL BE SEISMIC & INSTALLED IN ACCORDANCE WITH ANSI B31.1 AND THE 5RW0925-10-SERIES DRAWINGS. FIELD WELDS & INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH TWA GENERAL CONSTRUCTION SPECIFICATION G-52M.
  - TORQUE INSTRUMENT ISOLATION VALVE MOUNTING NUT TO 5-8 FT LB.
  - SOURCE LINE ROUTING BY FIELD SHALL BE PER TWA GENERAL CONSTRUCTION SPECIFICATION G-60. IF ANY CONFLICTS EXIST BETWEEN THE 5RW-925-10-SERIES & G-60, THE 925.SERIES SHALL BE THE CONTROLLING DOCUMENT.
- NOTES CONTINUED ON 5RW1925-NC-02.

**REFERENCE DRAWINGS:**

IRNO430-X2-SERIES	STRUCTURAL STEEL; SYS SUPPORTS
IRW0402-X2-SERIES	CONTAINMENT LINER STRUCTURAL STEEL
IRW0406-X2-SERIES	CONTAINMENT LINER INSERT & SUPPORT SCH
IRW0407-X2-SERIES	PRIMARY CONTAINMENT PENETRATIONS SCH
38W0417-NC-SERIES	REACTOR COOLANT PIPING
38W0422-NK-SERIES	MECH REACTOR COOLANT & MISCL PIPING
38W0526-00-SERIES	RB FLOOR & MISSLE SHIELD SLEEVES
38W0617-NC-SERIES	REACTOR COOLANT DESIGN CRITERIA
38W0622-NK-SERIES	REACTOR COOLANT DESIGN CRITERIA
38W0635-00-SERIES	MECH DRAINS AND EMBEDDED PIPING
4RW0504-X2-SERIES	RB MISCL STEEL
4RW0516-X2-SERIES	EXTERIOR MISCL STEEL - SHIELD WALL
4RW0518-X2-SERIES	MISCL STEEL - SHIELD WALL - EMBEDDED PARTS
5RW0900-10-SERIES	T&C BILLS OF MATERIAL
5RW0915-10-SERIES	T&C HANGER ASSY
5RW0911-10-21	T&C LOCAL PANELS
	T&C LOCAL PANELS, TYPICAL DETAILS AND INSTALLATION

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PRC APERTURE CARD

I		S1, 1083		2-16-82		25		20		200		100		100		100		100		100		100							
ADDED LOCAL PANELS IIX-TLPR-010, -030 & -031. ADDITION OF REVISED PRESSURIZER NOZZLE ARRANGEMENT.																													
REV NO	ECN NO.	DATE	DESIGN	CHKD	SUPV	ENGR	INSP	SUB	RECH	APPV																			
			DRGN	ED			INSP																						
			CHKD				ENGR																						
			SUPV																										
SCALE: 1/8"=1'-0" EXCEPT AS NOTED																													
REACTOR BUILDING UNIT 1																													
INSTRUMENTS & CONTROLS																													
LCL PNLS IIX-TLPR-001-D THRU -004-E, -006-G, -007, -010, -023-B THRU -028-B, -030 & -031																													
INSTALLATION EL 670.0																													
BELLEFONTE NUCLEAR PLANT												Q																	
TENNESSEE VALLEY AUTHORITY																													
DIVISION OF ENGINEERING DESIGN																													
SUBMITTED												RECOMMENDED						APPROVED											
<i>E. O. B...</i>												<i>R.M. H...</i>						<i>R.M. H...</i>											
INSPECTED AND APPROVED FOR ISSUE																													
KNOXVILLE												10-10-80						88 E 5RW1925-NC-01						RI					
RECORD DRAWING AS CONSTRUCTED																													

FURTHER REVIEW

CEB	<i>R. O. G...</i>
EEB	N/A
MEB	N/A
NEB	<i>Dennis D. ...</i>

PLAN EL 670.0