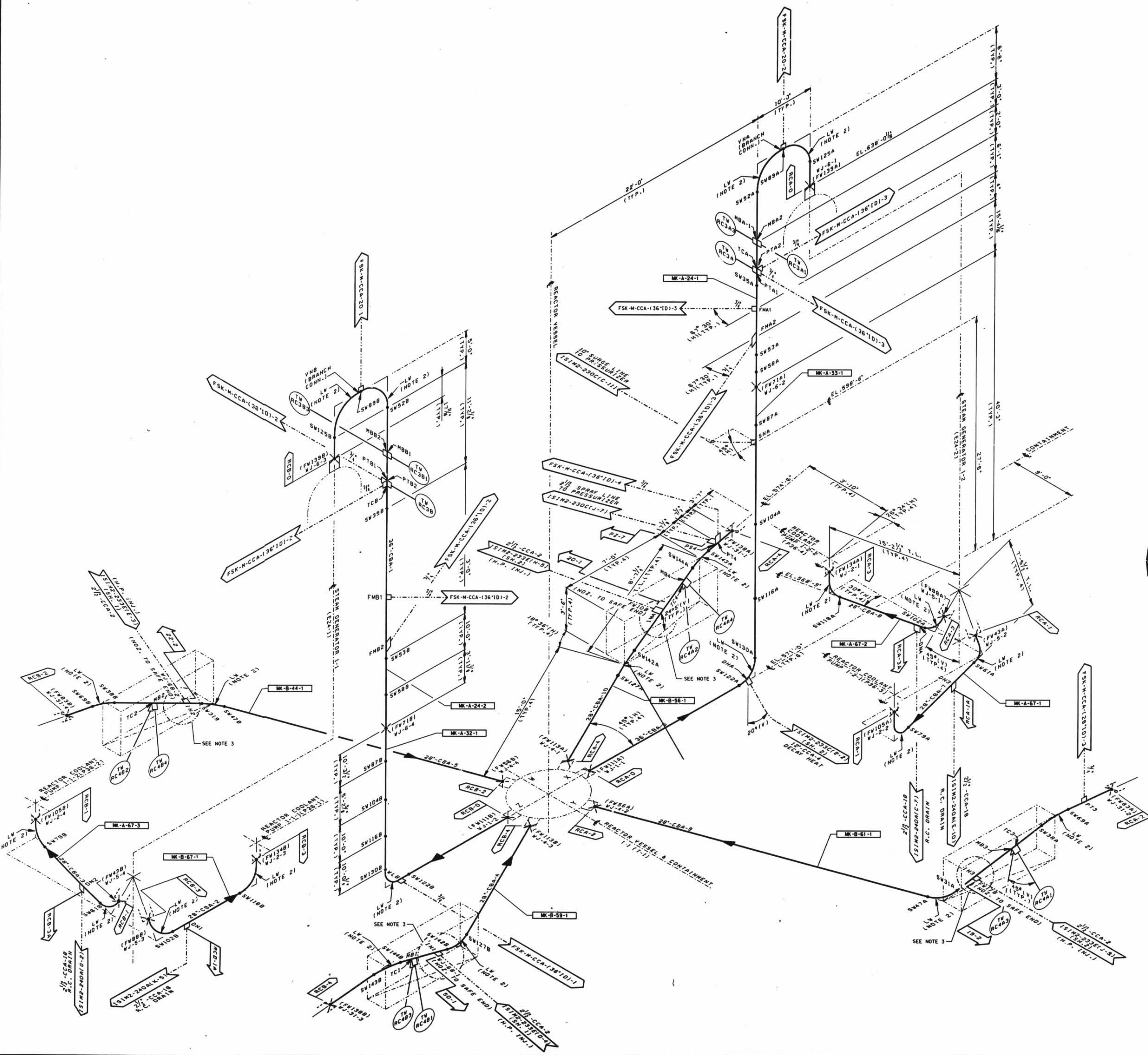

LEGEND

———	ASME SECTION XI CLASS 1 PIPING
- - - - -	ASME SECTION XI CLASS 2 PIPING
....	ASME SECTION XI CLASS 3 PIPING
———	NON-ISI NUCLEAR CLASS AND HSC CLASS
—·—·—	PRESSURE BOUNDARY EXTENSION
—·—·—	REFERENCE & CONTINUITY
—D—D—	HVAC DUCT
A	ANCHOR
CS	CONSTANT SPRING HANGER
VS	VARIABLE SPRING HANGER
HS	HYDRAULIC SNUBBER
MS	MECHANICAL SNUBBER
N	NON-WELDED SUPPORT ATTACHMENT
W	WELDED INTEGRAL SUPPORT ATTACHMENT
R	RIGID SUPPORT
T	SWAY STRUT
SW	SHOP WELD
FW	FIELD WELD
LW	LONGITUDINAL WELD
WOL	WELDOLET
⇦	ISI ITEM NUMBER DESIGNATION USED IN THE FIRST 10 YEAR INSERVICE INSPECTION INTERVAL.

NOTES:

1. FIELD WELD AND SHOP WELD/SUPPORT NUMBERS ARE IN ACCORDANCE WITH TOLEDO EDISON DRAWINGS ISI-02A AND ISIM-230B FOR THE FIRST 10 YEAR INSPECTION INTERVAL, AND B&W FIELD INSTALLATION RECORDS. B&W PIPE SPOOL NUMBERS (MK) AND FIELD WELD NUMBERS (WJ) ARE SHOWN FOR CORRELATION WITH THE B&W CODE DATA REPORTS (FORM N-5) AND ASSOCIATED INSTALLATION DOCUMENTATION. THE REFERENCES TO PIPE DESIGNATION "CBA" SHOWN ON THE 28" & 36" PIPE RUNS ARE FOR ISI IDENTIFICATION PURPOSES ONLY. THESE DESIGNATIONS WILL NOT BE DISCUSSED IN THE PIPING CLASS SHEETS M601 OR M602.
2. EACH ELBOW IN THE 36 IN. AND 28 IN. ID REACTOR COOLANT PIPING HAS A LONGITUDINAL WELD ON THE INSIDE RADIUS AND A LONGITUDINAL WELD ON THE OUTSIDE RADIUS AS SHOWN ON B&W DRAWINGS 152038E AND 152039E. WHEN A VOLUMETRIC EXAMINATION AND A SURFACE EXAMINATION ARE PERFORMED ON THE CIRCUMFERENTIAL WELD, A VOLUMETRIC EXAMINATION AND A SURFACE EXAMINATION ARE ALSO REQUIRED TO BE PERFORMED ON THE TWO LONGITUDINAL WELDS IN THE ELBOW THAT INTERSECT THE CIRCUMFERENTIAL WELD. THE TWO LONGITUDINAL WELDS ARE REQUIRED TO BE EXAMINED FOR A MINIMUM DISTANCE OF 12 INCHES FROM THE INTERSECTING CIRCUMFERENTIAL WELD.
3. FOR DETAIL OF THE HIGH PRESSURE INSPECTION NOZZLE, SAFE END AND THERMAL SLEEVE, REFER TO B&W DRAWINGS 1190411D AND 1190412D FOR LOOP A AND B&W DRAWING 152042E FOR LOOP B.

GENERAL NOTE:

DIMENSIONS SHOWN ON THIS DRAWING ARE TO BE USED FOR APPROXIMATE LOCATION ONLY. USE DESIGN DRAWINGS FOR DIMENSIONAL VERIFICATION.

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REFERENCE DRAWINGS:

ISID2-030A, REACTOR COOLANT SYSTEM

BABCOCK & WILCOX DRAWING 152055E REACTOR COOLANT PIPE ASSEMBLY, PLAN VIEW. (TED DWG. NO. M509-9)

BABCOCK & WILCOX DRAWING 152031E SUB-ASSEMBLIES FOR 28 IN. ID COOLANT INLET PIPING. (TED DWG. NO. M509-16)

BABCOCK AND WILCOX DRAWING 152038E, ELBOW FORMING DRAWING 28" ID

BABCOCK AND WILCOX DRAWING 152039E, ELBOW FORMING DRAWING 36" ID

BABCOCK & WILCOX DRAWING 152040E SUB-ASSEMBLIES FOR 36 IN. ID COOLANT OUTLET PIPING. (TED DWG. NO. M509-15)

BABCOCK & WILCOX DRAWING 152042E ASSEMBLY & DETAIL FOR 2½" PRESSURE INJECTION NOZZLE. (TED DWG. NO. M503-196)

BABCOCK AND WILCOX DRAWING 1109411D, (TED DWG. NO. M503-738)

BABCOCK AND WILCOX DRAWING 1209412D, (TED DWG. NO. M503-741)

NO.	DATE	REVISIONS	BY	CH'K	ENGR.	ENGR. SUPV.	
2		INC DCN ISIM2-230B-2 PER DCR 91-0011	DVK				
1	10/90	INC DCN ISIM2-230B-1 PER FCR 86-0186	"INITIALS ON FILE"				
0	9/17/90	ISSUED FOR SECOND 10 YEAR ISI PROGRAM	LPM	GFB RJC	TWB	MGP	ECC

SCALE N.T.S. DESIGNED DRAWN CB DATE

DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO. 1
THE TOLEDO EDISON COMPANY

INSERVICE INSPECTION ISOMETRIC
REACTOR COOLANT SYSTEM

DRAWING NO. ISIM2-230B REV. 2

D-9