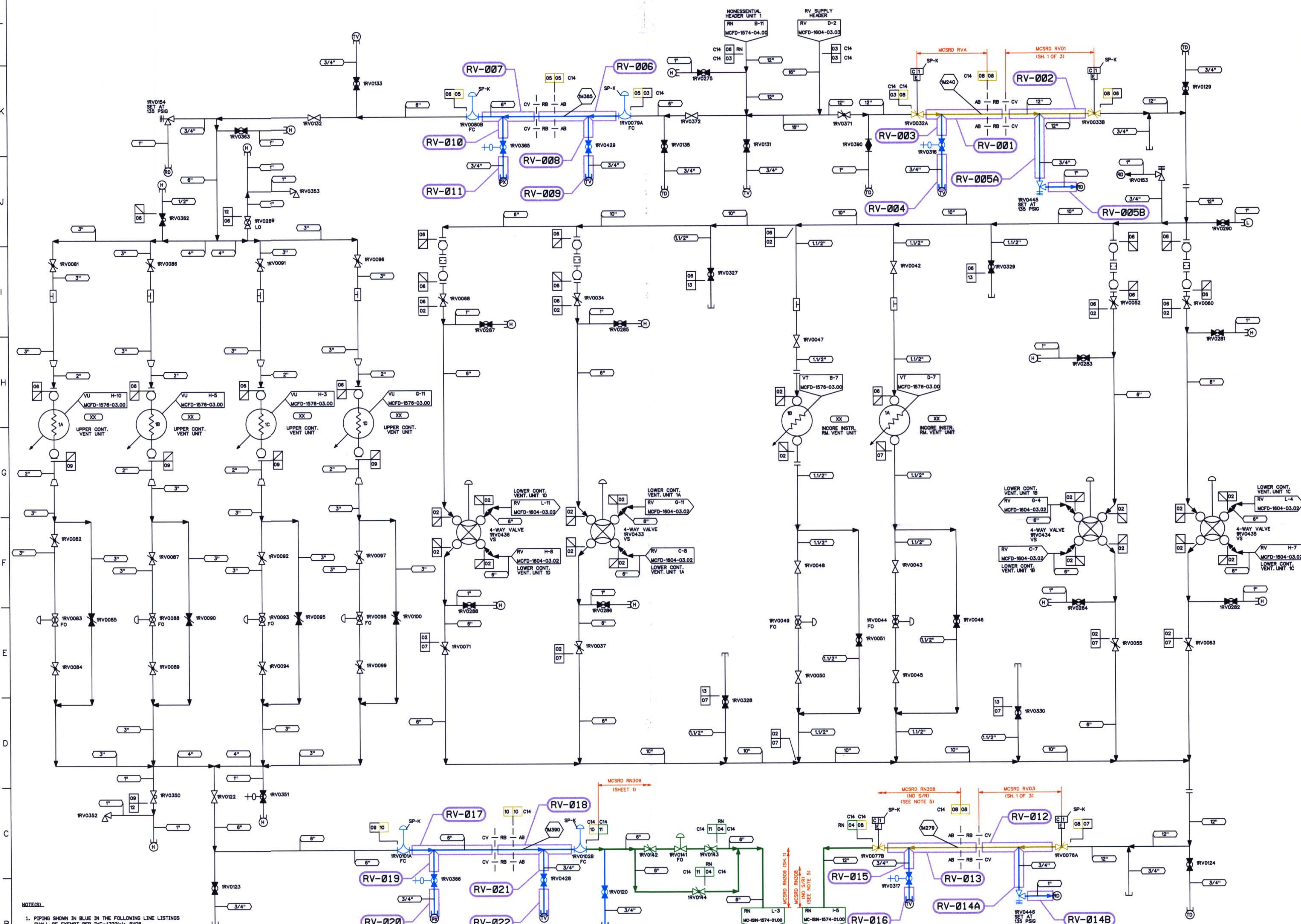




- NOTES:
1. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a) RV08.
 2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a) AND/OR (a) RV05, RV18.
 3. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a) (1).
 4. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.
 5. NO MATH MODEL LISTED IN SAROS. CONFIRMED NO S/R EXISTS IN THIS RUN OF PIPE PER M. LANGELE 8/25/88.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
RN04	PS 150.3	135 PSIG	150 F	C	CS/SS
RN06	PS 150.4	135 PSIG	150 F	F	CS
RV02	PS 150.4	135 PSIG	150 F	G	CS
RV03	PS 150.4	135 PSIG	150 F	F	CS
RV05	PS 150.2	135 PSIG	150 F	F	CS
RV06	PS 150.4	135 PSIG	150 F	F	CS
RV07	PS 150.4	135 PSIG	150 F	F	CS
RV08	PS 150.2	135 PSIG	250 F	B	CS
RV09	PS 150.4	135 PSIG	150 F	F	CS
RV10	PS 150.2	135 PSIG	150 F	B	CS
RV11	PS 150.3	135 PSIG	150 F	C	CS
RV12	PS 150.4	135 PSIG	150 F	C	CS
RV13	PS 150.4	135 PSIG	200 F	G	CS

LEGEND

ISI CLASS	Color
ISI CLASS 1	Red
ISI CLASS 2	Blue
ISI CLASS 3	Green
ISI EXEMPT	Yellow
NON-ISI	Black

THIS DRAWING IS FOR INSERVICE INSPECTION ONLY AND SHALL NOT BE USED FOR OTHER PURPOSES SUCH AS MAINTENANCE, MODIFICATION, OR REPAIRS. THIS DRAWING SHALL BE REVISED WHEN AS-BUILT CHANGES AFFECT THE INSERVICE INSPECTION BOUNDARIES AND DETAILS OF THE COMPONENTS/SYSTEMS SHOWN.

REFERENCE FLOW DIAGRAM
MCFD-1604-03.00 REV. 5
ERN:MC0099Z4

QA CONDITION 1 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF
CONTAINMENT VENTILATION
COOLING WATER SYSTEM (RV)

DESIGNER	DATE	INSP	DATE
TIM MYERS	11-13-00	WAIVED	

CHECKED GARY D. SCARBOROUGH DATE 11-13-00 APPR. R. KEVIN RHYNE DATE 12-14-00

ORIG. RELEASED FOR ISI USE ONLY

NO. REVISIONS

DRN DATE CHKD DATE APPR DATE

SCALE DWG. NO. MC-ISIN-1604-03.00

D-91