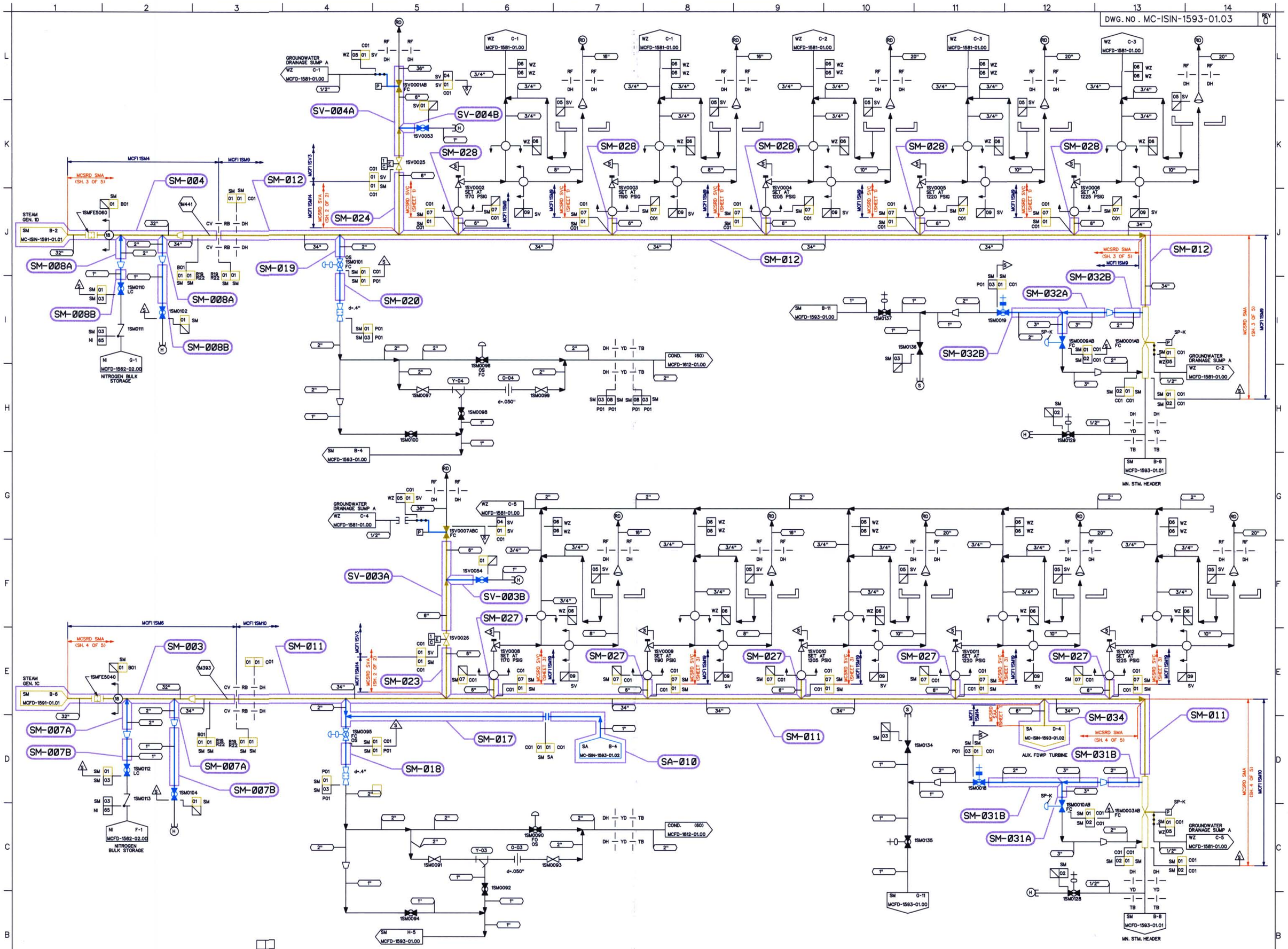
DWG. NO. MC-ISIN-1593-01.03 REV 0



NOTES:

1. SAFETY RELATED. GUARD PIPE COVERS ANY PIPE LISTED IN SM01.
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a): SM01, SM07, SV01.
3. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
N65	PS 150.4	60 PSIG	300 F	G	CS
SA01	PS 900.2	1185 PSIG	567 F	B	CS
SM01	PS 1500.5	1185 PSIG	567 F	B	CS
SM02	PS 1500.5	1185 PSIG	567 F	F	CS
SM03	PS 1500.5	1185 PSIG	567 F	G	CS
SM07	PS 900.2	1185 PSIG	567 F	B	CS
SM08	PS 1500.5	1185 PSIG	567 F	F	CS
SM1A	PS 1500.6	1185 PSIG	567 F		CS NOTE 1
SV01	PS 900.2	1185 PSIG	567 F	B	CS
SV04	PS 150.4	10 PSIG	300 F	F	CS
SV05	PS 150.4	60 PSIG	310 F	F	CS
SV09	PS 300.4	400 PSIG	450 F	F	CS
WZ05	TS 2701.1	50 PSIG	350 F	G	ST
WZ06	PS 150.4	50 PSIG	212 F	H	CS

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI EXEMPT
- NON-ISI

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.

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	CIVIL	ELEC.	MECH
ORIG	RELEASED FOR ISI USE ONLY	TDM	12-13-00	PTF	12-14-00	RKR	12-14-00	W A I V E D		

INSPECTED

QA CONDITION 1 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF
MAIN STEAM SYSTEM (SM)
MAIN STEAM VENT TO ATMOSPHERE (SV)

DESIGNER TIM MYERS DATE 12-13-00 INSP WAIVED DATE
DRAWN TIM MYERS DATE 12-13-00 INSP WAIVED DATE
CHECKED GARY D. SCARBORO DATE 12-13-00 APPR R. KEVIN RHYNE DATE 12-14-00
SCALE DWG. NO. MC-ISIN-1593-01.03 REV. 0

REFERENCE FLOW DIAGRAM
MCFD-1593-01.03 REV. 9
ERN:MC0099YS

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