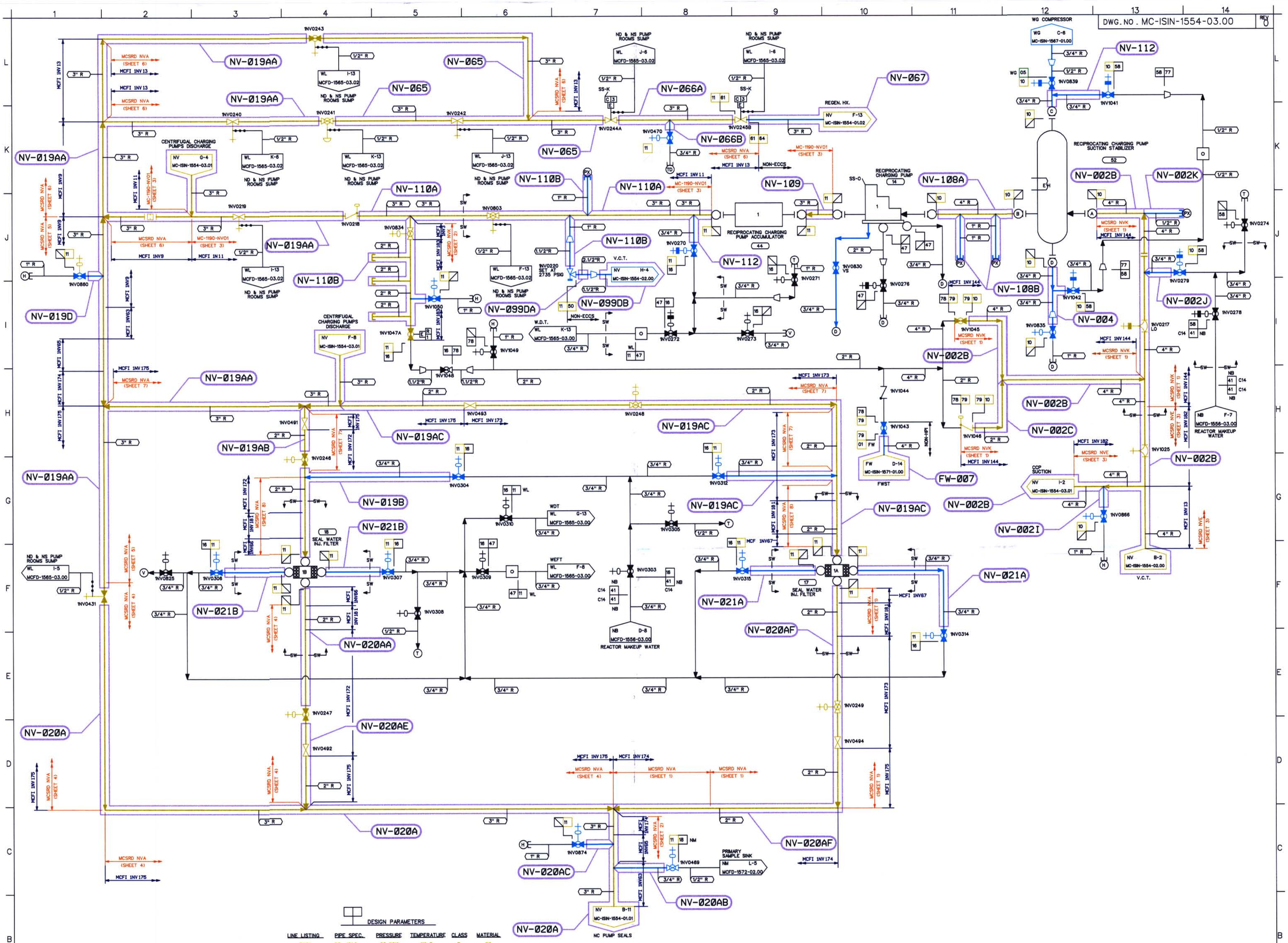
DWG. NO. MC-ISIN-1554-03.00 REV 0



DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
FW01	PS 151.2	50 PSIG	110 F	B	SS
NB41	PS 151.4	30 PSIG	100 F	E	SS
NM18	TS 2701.1	2735 PSIG	189 F	E	ST
NV10	PS 151.2	220 PSIG	189 F	B	SS
NV11	PS 1501.2	2735 PSIG	189 F	B	SS
NV16	PS 1501.4	2735 PSIG	189 F	E	SS
NV47	PS 151.4	50 PSIG	200 F	E	SS
NV50	PS 151.2	75 PSIG	200 F	B	SS
NV58	PS 151.4	220 PSIG	189 F	E	SS
NV61	PS 1501.2	2735 PSIG	250 F	B	SS
NV64	PS 1501.2	2535 PSIG	250 F	B	SS
NV77	TS 2701.1	220 PSIG	189 F	E	ST
NV78	PS 151.4	270 PSIG	189 F	E	SS
NV79	PS 151.2	270 PSIG	189 F	B	SS
WG05	PS 150.3	100 PSIG	180 F	C	CS
WL11	PS 151.4	50 PSIG	200 F	E	SS

NOTES:

1. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1221(a)(1): NV18, NV11, NV61, NV79.
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a): NV58, NV64.
3. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

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
ORIG	RELEASED FOR ISI USE ONLY	TDM	12-12-00	PTF	12-12-00	RKR	12-14-00

WAIVED — CIVIL, ELEC., MECH. — INSPECTED

QA CONDITION 1,2 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF CHEMICAL AND VOLUME CONTROL SYSTEM (NV)

DESIGNER TIM MYERS DATE 12-12-00 INSP WAIVED DATE
DRAWN TIM MYERS DATE 12-12-00 INSP WAIVED DATE
CHECKED GARY D SCARBORO DATE 12-13-00 APPR R. KEVIN RHYNE DATE 12-14-00
SCALE DWG. NO. MC-ISIN-1554-03.00 REV 0

REFERENCE FLOW DIAGRAM MCFD-1554-03.00 REV. 7
ERN:MC0099WI

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