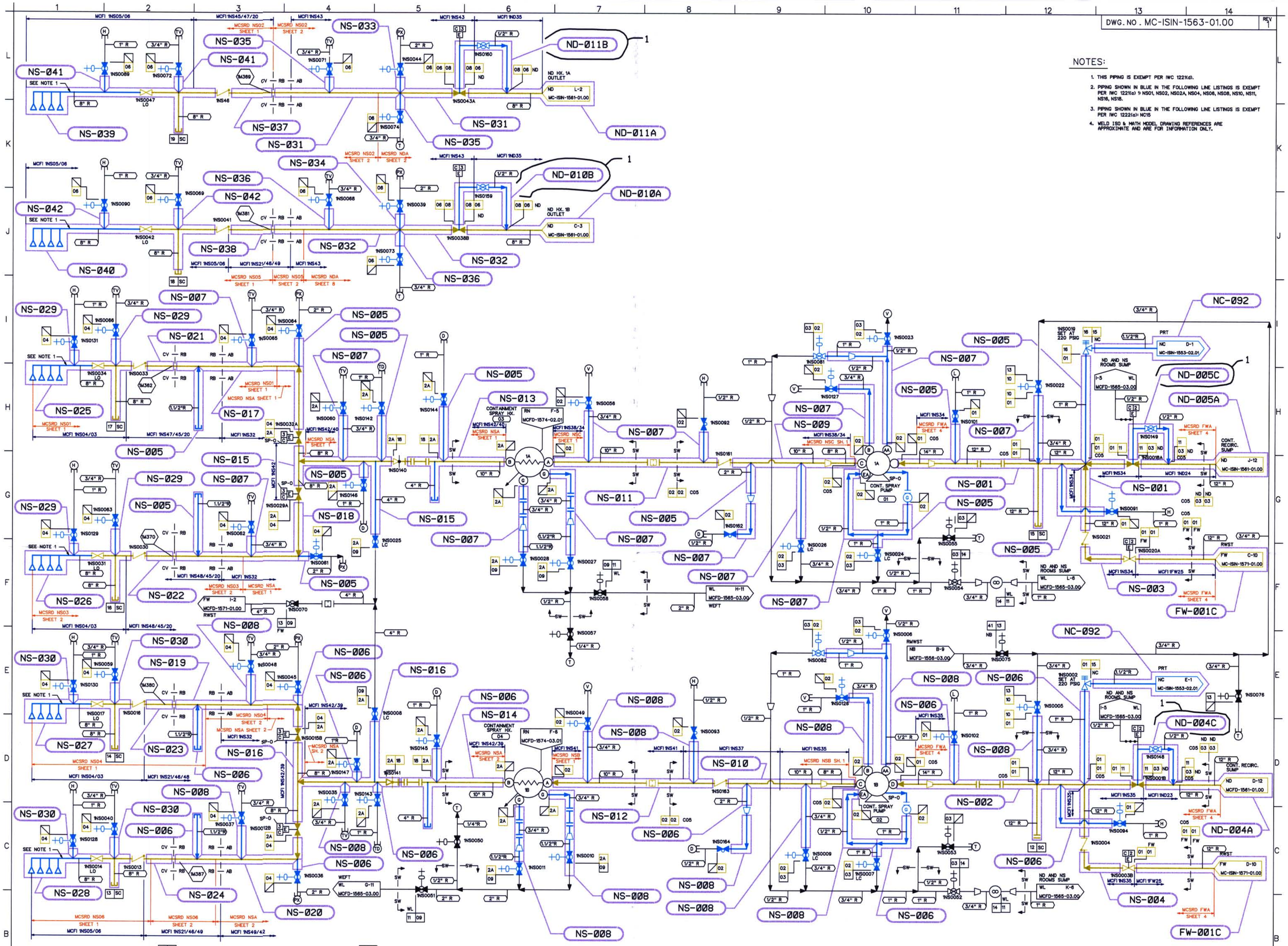
DWG. NO. MC-ISIN-1563-01.00 REV 1



NOTES:

1. THIS PIPING IS EXEMPT PER IWC 1221(d).
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS IS EXEMPT PER IWC 1221(a): NS01, NS02, NS02A, NS04, NS06, NS08, NS10, NS11, NS16, NS18.
3. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS IS EXEMPT PER IWC 1222(a): NC15
4. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
FW01	PS 151.2	50 PSIG	110 F	B	SS
FW13	PS 151.4	150 PSIG	114 F	E	SS
NB41	PS 151.4	30 PSIG	100 F	E	SS
NC15	PS 151.2	100 PSIG	350 F	B	SS
ND03	PS 401.2	450 PSIG	350 F	B	SS
ND06	PS 601.2	600 PSIG	350 F	B	SS
NS01	PS 301.2	220 PSIG	190 F	B	SS
NS02	PS 301.2	252 PSIG	190 F	B	SS
NS03	PS 301.4	252 PSIG	190 F	E	SS
NS04	PS 151.2	170 PSIG	190 F	B	SS
NS06	PS 151.2	185 PSIG	190 F	B	SS

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
NS08	PS 601.2	600 PSIG	350 F	B	SS
NS09	PS 301.4	230 PSIG	190 F	E	SS
NS10	PS 301.2	220 PSIG	190 F	B	SS
NS11	PS 401.2	450 PSIG	350 F	B	SS
NS13	PS 301.4	220 PSIG	190 F	E	SS
NS14	PS 151.4	50 PSIG	200 F	E	SS
NS16	PS 151.2	220 PSIG	190 F	B	SS
NS18	PS 151.2	230 PSIG	190 F	B	SS
NS2A	PS 301.2	230 PSIG	190 F	B	SS
WL11	PS 151.4	50 PSIG	200 F	E	SS
WL35	TS 2701.1	50 PSIG	200 F	E	ST

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.
1	ADDED SEGMENTS ND-004C, ND-005C, ND-010B, AND ND-011B.	TDM	5-2-01	GDS	5-2-01	RKR	5-2-01	WAIVED		
ORIG	RELEASED FOR ISI USE ONLY	TDM	11-7-00	PTF	11-8-00	RKR	12-14-00	WAIVED		

INSPECTED

QA CONDITION 1, 2, AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF CONTAINMENT SPRAY SYSTEM (NS)

DESIGNER	TIM MYERS	DATE 11-7-00	INSP.	WAIVED	DATE
DRAWN	TIM MYERS	DATE 11-7-00	INSP.	WAIVED	DATE
CHECKED	GARY D SCARBORO	DATE 11-7-00	APPR.	R. KEVIN RHYNE	DATE 12-14-00
SCALE	DWG. NO. MC-ISIN-1563-01.00				REV. 1

REFERENCE FLOW DIAGRAM MCFD-1563-01.00 REV. 5

ERN: MC0099WZ

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