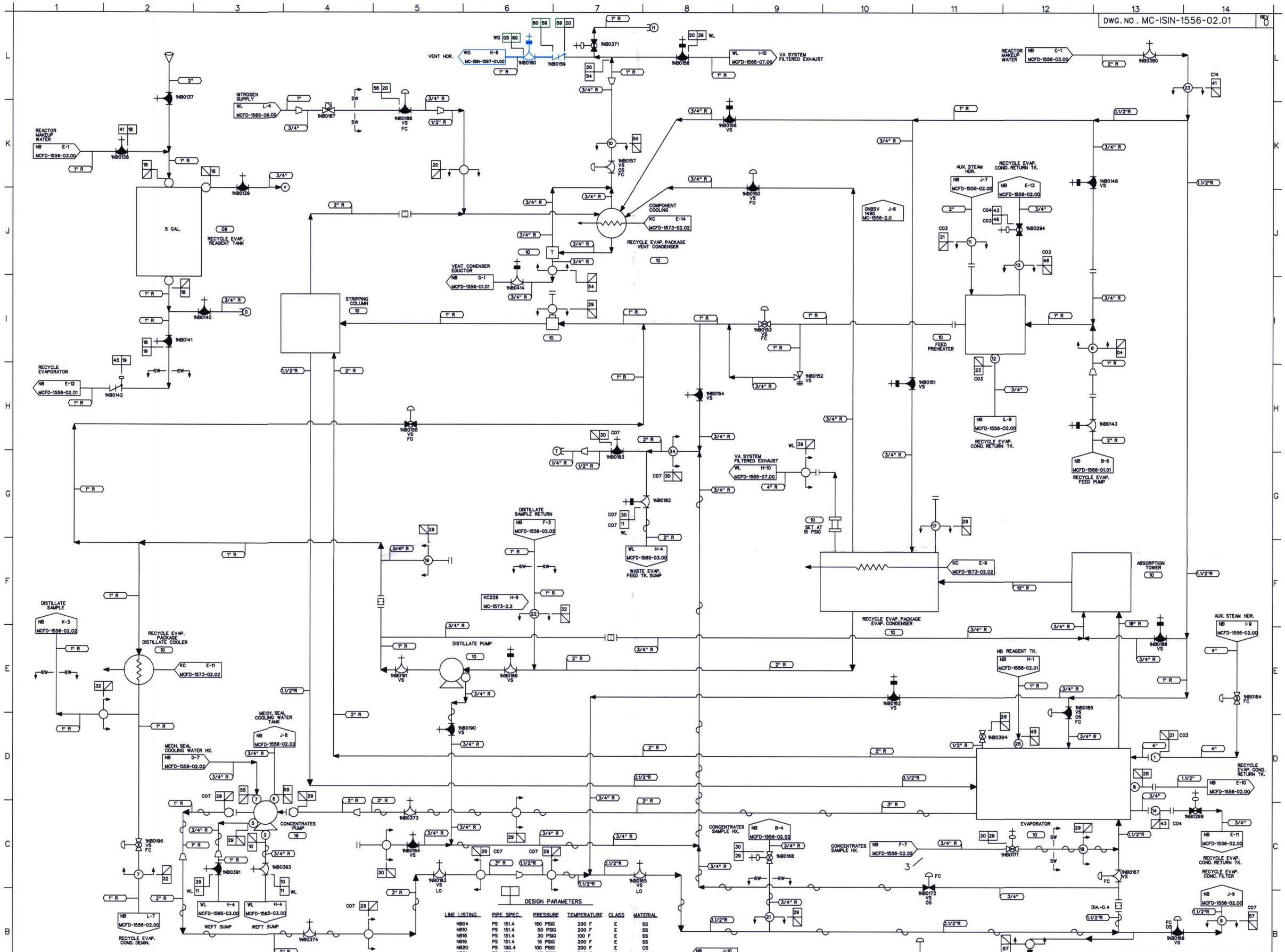
DWG. NO. MC-ISIN-1556-02.01 REV. 0



NOTES:

1. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS IS EXEMPT DUE TO NOT BEING CONSIDERED A PART OF D-A CATEGORY PER ENG. NOTE DATED 5/22/00: NB59, NB60.

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-1556-02.01 REV. 3

ERN:MC0099WP

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
NB04	PS 151.4	150 PSIG	200 F	E	SS
NB10	PS 151.4	50 PSIG	200 F	E	SS
NB18	PS 151.4	30 PSIG	100 F	E	SS
NB19	PS 151.4	15 PSIG	200 F	E	SS
NB20	PS 150.4	100 PSIG	200 F	E	CS
NB21	PS 150.4	60 PSIG	340 F	G	CS
NB23	PS 150.4	60 PSIG	340 F	G	CS
NB28	PS 150.4	60 PSIG	340 F	G	CS
NB29	PS 151.4	150 PSIG	250 F	E	SS
NB30	PS 151.4	150 PSIG	250 F	E	SS
NB32	PS 151.4	150 PSIG	200 F	E	SS
NB41	PS 151.4	30 PSIG	100 F	E	SS
NB43	PS 150.4	50 PSIG	200 F	G	CS
NB45	PS 151.4	15 PSIG	200 F	E	SS
NB46	PS 150.4	60 PSIG	340 F	G	CS
NB54	PS 151.4	100 PSIG	200 F	E	SS
NB55	PS 151.4	100 PSIG	140 F	E	SS
NB56	PS 150.4	150 PSIG	120 F	G	CS
NB57	PS 151.4	150 PSIG	250 F	E	SS
NB59	PS 151.3	100 PSIG	200 F	C	SS
NB60	PS 150.3	100 PSIG	200 F	C	CS
WG05	PS 150.3	100 PSIG	180 F	C	CS
WL11	PS 151.4	50 PSIG	200 F	E	SS
WL39	PS 151.4	15 PSIG	200 F	E	SS

LEGEND

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

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE
ORIG	RELEASED FOR ISI USE ONLY	TDM	11-7-00	GDS	11-13-00	RKR	12-14-00

W & I V E D — CIVIL / ELEC. / MECH — INSPECTED

QA CONDITION 1 & 2

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1 AND 2

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF
BORON RECYCLE SYSTEM
(NB)

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-1556-02.01 — REV. 0

D-20