



- NOTES:
1. SHIELDED VALVE BAFFLE.
 2. THIS SECTION OF PIPING IS NOT ACTUALLY ASME 3, CLASS 2. IT HAS BEEN EVALUATED AND FOUND ACCEPTABLE. (NSM MO-1171 AND MO-11287)
 3. THIS PIPE WAS INSTALLED AS CLASS F AND WILL BE RECLASSIFIED AS CLASS B UNDER THE ASME SECTION XI RULES.
 4. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS IS EXEMPT PER (MC-1222(a)) NM20.

REFERENCE FLOW DIAGRAM
MCIS-1572-03.00 REV. 5
ERN: MC0099X1

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
BB09	PS 151.4	10 PSIG	125 F	E	SS
CT07	TS 2701.1	1185 PSIG	200 F	H	ST
NM02	TS 2701.1	2485 PSIG	870 F	E	SS
NM29	PS 1501.2	1185 PSIG	567 F	B	SS
NM21	TS 2701.1	1185 PSIG	567 F	E	ST
NM22	TS 2701.1	150 PSIG	125 F	E	ST
NM23	TS 2701.1	150 PSIG	120 F	O	ST
NM24	TS 2701.1	50 PSIG	125 F	E	ST
NM34	PS 151.4	150 PSIG	125 F	E	SS
NM43	TS 2701.1	1185 PSIG	200 F	E	ST
NM44	PS 1501.4	1185 PSIG	200 F	E	SS
WL09	PS 151.4	50 PSIG	200 F	E	SS
WL11	PS 151.4	50 PSIG	200 F	E	SS
NM01	PS 151.4	50 PSIG	200 F	E	SS
YM30	TS 2701.1	150 PSIG	120 F	G	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	W 4 1 V E D	SCALE	INSPECTED
1	RELEASED FOR IS/USE ONLY	TDM	11-7-00	PTF	11-8-00	RKR	12-14-00	W 4 1 V E D		

QA CONDITION 1,2 AND 4	
DUKE POWER COMPANY	
MCGUIRE NUCLEAR STATION UNIT 1	
ASME SECTION XI	
INSERVICE INSPECTION NDE BOUNDARY OF	
NUCLEAR SAMPLING SYSTEM	
(NM)	
DESIGNER	TIM MYERS
DATE	11-7-00
INSP	WAIVED
DATE	
CHECKED	DAVID D. SCARBOROUGH
DATE	11-7-00
APPR	R. KEVIN RHYNE
DATE	12-14-00
DWG. NO. MC-ISIN-1572-03.00	