



EXCESS FLOW BALL CHECK NUMBERS	INSTRUMENT LINE ROOT VALVE NUMBERS	JET PUMP	JET PUMP TRANSMITTER MATCHING TABLE	INSTR. PENET. NO.	NBI-FT	NBI-FT	NBI-FT
NBI-31BCV	NBI-50	JP-1	UPPER X-400-c	①	FT64B	FT63B	FT63B
NBI-32BCV	41	JP-2	LOWER X-400-b	②	FT64B	FT63B	FT63B
NBI-33BCV	40	JP-3	X-400-d	-	FT64F	-	-
NBI-34BCV	39	JP-4	X-400-e	-	FT64K	-	-
NBI-35BCV	38	JP-5	X-400-f	-	FT64M	-	-
NBI-36BCV	37	JP-6	X-400-g	-	FT64R	FT63D	FT63D
NBI-37BCV	36	JP-7	LOWER X-400-b	-	FT64R	FT63D	FT63D
NBI-38BCV	35	JP-8	X-400-a	-	FT64T	-	-
NBI-39BCV	34	JP-9	X-400-a	-	FT64X	-	-
NBI-40BCV	33	JP-10	X-400-a	-	FT64Z	-	-
NBI-41BCV	32	JP-11	UPPER X-400-c	-	FT64A	FT63A	FT63A
NBI-42BCV	29	JP-12	LOWER X-400-b	-	FT64C	-	-
NBI-43BCV	30	JP-13	X-400-e	-	FT64E	-	-
NBI-44BCV	30	JP-14	X-400-f	-	FT64J	-	-
NBI-45BCV	30	JP-15	X-400-g	-	FT64L	-	-
NBI-46BCV	61	JP-16	UPPER X-400-c	-	FT64N	FT63C	FT63C
NBI-47BCV	61	JP-17	LOWER X-400-b	-	FT64N	FT63C	FT63C
NBI-48BCV	34	JP-18	X-400-e	-	FT64S	-	-
NBI-49BCV	32	JP-19	X-400-f	-	FT64W	-	-
NBI-50BCV	33	JP-20	X-400-g	-	FT64Y	-	-
NBI-51BCV	34	JP-20	X-400-a	-	FT64Y	-	-

NOTES:

- PROCESS INSTRUMENTATION (PI-1S) LINES UP TO AND INCLUDING ROOT VALVES V-276X SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-69-4.
- DELETED.
- INSTRUMENT, SAMPLE, TEST, DRAIN AND VENT LINES ARE NOT ALWAYS THE SAME CLASS AS THE MAIN LINE AND THESE BOUNDARIES ARE TOO NUMEROUS TO IDENTIFY IN THIS MANNER (SEE ISI PROGRAM BOUNDARY DESCRIPTIONS FOR DETAILS).
- CB IS CONTAINMENT BOUNDARY.
- WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, INSTRUMENT NUMBERS ARE APPROXIMATE ONLY.

REVISIONS TO THIS DRAWING REQUIRES A REVISION TO THE CORRESPONDING ISOKEY.

NO.	DESCRIPTION	ORDER DFT	DATE	ENG
08/27/09	DR-2015-0641	003040	08/27/09	TCMULL
07/28/09	DR-2015-0641	003040	07/28/09	TCMULL
06/29/09	DR-2015-0001	003040	06/29/09	TCMULL

AS BUILT
454003616

STATUS: Release
STATUS DATE: 06/04/2019
DS APPROVED: RPDURR
VER: AD REV: 69 SIZE: F

SIGNIFICANT NUMBER	GROUP	1	2	3	4	5	6	7	8	9	10	11	12	
NO.	DESCRIPTION	ORDER DFT	DATE	ENG	NO.	DESCRIPTION	ORDER DFT	DATE	ENG	NO.	DESCRIPTION	ORDER DFT	DATE	ENG

COOPER NUCLEAR STATION
FLOW DIAGRAM
REACTOR VESSEL
INSTRUMENTATION

BURNS & ROE

2026 SH 1

