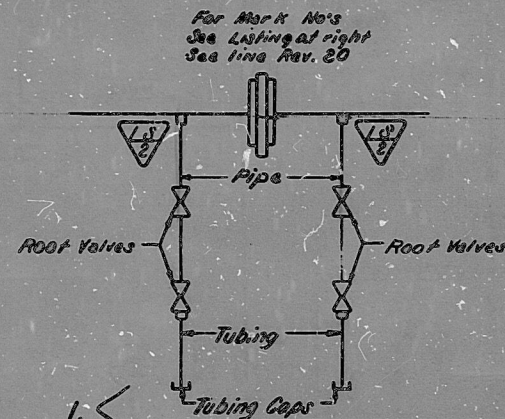




Acceptable Dimensions (Note 4)

INSTR. #	TAP TO 1st VLV.	1st VLV. TO 2nd VLV.
INIFE5000 H&L	7 1/4"	3 1/2"
INIFE5010 H	5 1/4"	3 1/2"
INIFE5010 L	6 1/2"	3 1/2"
INIFE5020 L	6 1/4"	3 1/2"
INIFE5020 H	11 3/4"	3 1/2"
INIFE5030 H&L	5"	3 1/2"
INIFE5510 H	9 3/4"	5 1/8"
INIFE5510 L	7 1/2"	5"

MARK NUMBERS

INIFE5000
INIFE5010
INIFE5020
INIFE5030
INIFE5460
INIFE5470
INIFE5480
INIFE5490
INIFE5500
INIFE5510
INIFE5520
INIFE5530

NUCLEAR SAFETY RELATED EXCLUSIONS

1. Fittings, Tubings, Piping, & Valves (Not part of a Safety Related Piping System, Etc.)
a) None
2. Instruments (Do not serve a Safety Function)
a) N/A

NOTES:

1. Flow metering orifice is to verify flow during pre-operational test, calibration, and balance.
2. Fittings, tubings, and valves designated on this detail by classification is of the Fittings Classification List are safety class. Substitutes from other classifications are not permitted.
- 3.
- 4.

Root valve installation off INIFE1738 is unacceptable and requires support by Design Hanger Group. (Ref. construction Iso. MCFI-INIFE5020)

QA CONDITION 1 NUCLEAR SAFETY RELATED

(EXCEPT AS EXCLUDED ABOVE)

REV. 4 AS PER NCI 10,451
REV. 3 SA PER NCI 10,451.
REV. 1 as per NW 10,903

AS-BUILT
DATE 4-12-78

DUKE POWER COMPANY	
MCQUIRE NUCLEAR STATION UNIT 1	
INSTRUMENT DETAIL	
NI SYSTEM FLOW ELEMENTS FOR PRE-OPERATIONAL TEST	
DESIGNED: C. J. [Signature]	DATE: 4-12-78
DRAWN: [Signature]	DATE: 4-12-78
CHECKED: [Signature]	DATE: 4-12-78
APPROVED: [Signature]	DATE: 4-12-78
DWG. NO. MC-1499-NI41	REV. 4

**SI
APERTURE
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PDR RIDS

