

NUCLEAR SAFETY RELATED EXCLUSIONS

1. FITTINGS, TUBING, PIPING & VALVES (NOT PART OF A SAFETY RELATED PIPING SYSTEM, ETC.)

↳ CLASS 6

2. INSTRUMENTS (DO NOT SERVE A SAFETY FUNCTION)

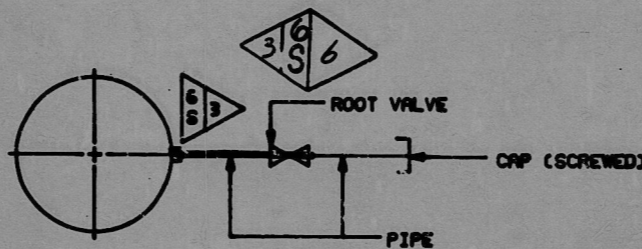
↳ N/A

| MARK NUMBER | DISTANCE FROM TAP TO 1 st ROOT VALVE |
|-------------|-------------------------------------------------|
| 2KCPX5080 | 6" |
| 2KCPX5050 | 8 1/2" INCLUDES ONE ELBOW |
| 2KCPX5100 | 5 1/2" |
| 2KCPX5190 | 5 1/4" |
| 2KCPX5150 | 5 1/2" |
| 2KCPX5180 | 5 3/8" |
| 2KCPX5200 | 5 1/4" |
| 2KCPX5550 | 5 1/2" |
| 2KCPX5560 | 5 1/2" |
| 2KCPX5650 | 5 7/16" |
| 2KCPX5660 | 5 1/4" |
| 2KCPX5710 | 6" |
| 2KCPX5720 | 5 1/2" |
| 2KCPX5030 | 16 3/8" INCLUDES TWO 90° elbows |

PIPE STUB AFTER ROOT VALVE TO BE $\leq 6.0'$ WITH PIPE CAP.
 THESE ARE MAXIMUM DIMENSIONS. IF FEWER ELBOWS OR FULL COUPLINGS ARE USED THE INSTALLATION IS ALSO ACCEPTABLE.

NOTES:

- REFER TO THE ABOVE LIST OF MARK NUMBERS TO DETERMINE WHICH PRESSURE TEST POINTS ARE COVERED BY THIS DETAIL.
- FITTINGS AND VALVES DESIGNATED ON THIS DETAIL BY CLASSIFICATION 6s OF THE FITTINGS CLASSIFICATION LIST ARE SAFETY CLASS. SUBSTITUTES FROM OTHER CLASSIFICATIONS ARE NOT PERMITTED.



MARK NUMBERS

- 2KCPX0180
- 2KCPX5080
- 2KCPX5080
- 2KCPX5100
- 2KCPX5130
- 2KCPX5130
- 2KCPX5180
- 2KCPX5200
- 2KCPX5550 ✓
- 2KCPX5560 ✓
- 2KCPX5650
- 2KCPX5660
- 2KCPX5710
- 2KCPX5720

AS-BUILT
 DATE 9-15-81

QA CONDITION 1
NUCLEAR SAFETY RELATED

(EXCEPT AS EXCLUDED ABOVE)

| DUKE POWER COMPANY | | | | | | MCGUIRE NUCLEAR STATION UNIT 2 | | |
|------------------------------------------------------------------------------|--------------------------|-------|------|-------|-------|--------------------------------|-------|---|
| INSTRUMENT DETAILS INSTALLATION FOR PRESSURE TEST POINTS FOR KC SYSTEM | | | | | | | | |
| NO. | REVISIONS | CHKD | APPR | DATE | CIVIL | ELC. | MECH. | |
| 6 | Add Stamp | | | | | | | |
| 5 | ADDED INSTALLATION LIST | | | | | | | |
| 4 | REV. CLASSIFICATION | | | | | | | |
| 3 | Moved Classification | | | | | | | |
| 2 | Added NSR Notes & Class. | | | | | | | |
| 1 | RELIEF INSTRUMENT | | | | | | | |
| ORIG. | REL. FOR CONSTR. | | | | | | | |
| DESIGN | DATE | INSP. | DATE | INSP. | DATE | INSP. | DATE | |
| CHKD. | DATE | APPR. | DATE | APPR. | DATE | APPR. | DATE | |
| DWG. NO. | MC-2499-KC35 | | | | | | REV | 6 |

REV. 4 AS PER VLN 23,127
 Rev. 3 AS PER VLN 20,919

FOR INFORMATION ONLY

SAT 3
 CL 3 HYDRO

8904100427

PDR RIDS

