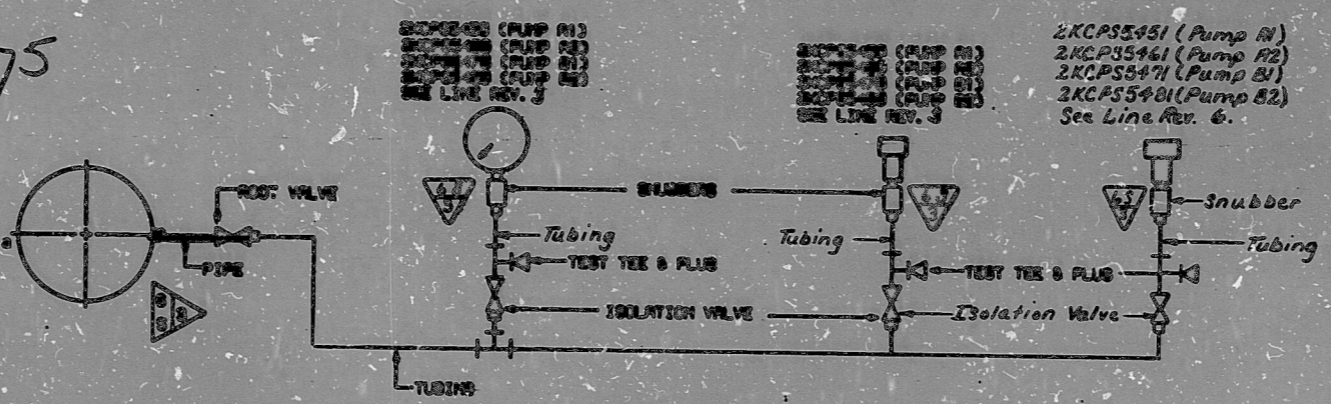


NOTES:

1. SLOPE IMPULSE LINE DOWNWARD FROM PROCESS TAP TO INSTRUMENT A MINIMUM OF 1" PER FOOT. WAIVE SLOPE FOR 2KCPG5460 & 2KCPG5470 INSTRUMENTS.
2. FITTINGS, TUBINGS, AND VALVES DESIGNATED ON THIS DETAIL BY CLASSIFICATION 6a OF THE FITTINGS CLASSIFICATION LIST ARE SAFETY CLASS. SUBSTITUTES FROM OTHER ARE NOT PERMITTED.
3. WAIVE SLOPE ON 2KCPG5430, 2KCPG5480 & 2KCPG5481

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. 2KCPG5450, 2KCPG5450 & 2KCPG5451
 - b. 2KCPG5460, 2KCPG5460 & 2KCPG5461
 - c. 2KCPG5470, 2KCPG5470 & 2KCPG5471
 - d. 2KCPG5480, 2KCPG5480 & 2KCPG5481



AS-BUILT
DATE 9-15-81

QA CONDITION 1
NUCLEAR SAFETY RELATED
(EXCEPT AS EXCLUDED ABOVE)

FUNCTIONAL DESCRIPTION: (FOR PUMP #1, APPLIES TO OTHERS)
2KCPG5450, 2KCPG5450 and 2KCPG5451 monitor pump discharge pressure. 2KCPG5450 provides local indication and 2KCPG5450 provides for pump running indication. 2KCPG5451 is used for response time test and alarms on increasing pressure.

DUKE POWER COMPANY		MCGUIRE NUCLEAR STATION UNIT 2	
INSTRUMENT DETAILS			
COMPONENT COOLING PUMP DISCHARGE			
NO.	REVISIONS	CHG	APPR. DATE
6	Added Stamps		
5	WAIVED SLOPE ON 2KCPG5481		
4	WAIVED SLOPE ON INSTR'S		
3	REV'D SLOPE NOTE AS NOTED		
2	Added Pressure Switches		
1	ADD FOR CON'T.		
PRELIMINARY			

SI
APERTURE
CARD

FOR INFORMATION
ONLY

REV. 5 AS PER W/23,101
REV. 4 as per W/22,576
REV. 3 AS PER W/21,189

SHT 2
CL-3 HYDRO

DWG. NO. NC-2493-KC17

8904100419

PDR RIDS

