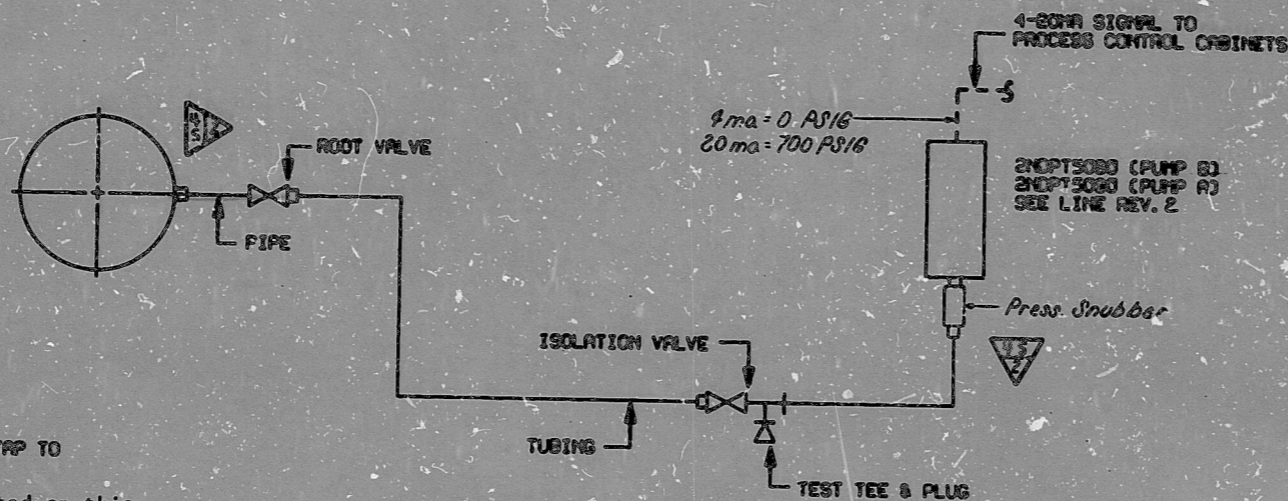


NUCLEAR SAFETY RELATED EXCLUSIONS

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) 2NDPT5080
 - b) 2NDPT5090



NOTES:

1. SLOPE IMPULSE LINE DOWNWARD FROM PROCESS TAP TO INSTRUMENT A MINIMUM OF 1/4" PER FOOT.
2. Fittings, tubings, and valves designated on this detail by classification 4s of the Fittings Classification List are safety class. Substitutes from other classifications are not permitted.

FUNCTIONAL DESCRIPTION: (FOR PUMP B, APPLIES FOR PUMP A)

2NDPT5080 MONITORS THE RHR PUMP B DISCHARGE PRESSURE & PROVIDES AN INPUT TO THE PROCESS CONTROL CABINETS. FROM THESE CABINETS A SIGNAL IS SENT TO 2NDPT5080 (PUMP A - 2NDPT5090) & AN ALARM IS PROVIDED ON HIGH DISCHARGE PRESSURE.

AS - BUILT
DATE 4-9-81

QA CONDITION I
NUCLEAR SAFETY RELATED
(Except As Excluded Above)

DUKE POWER COMPANY					
MCGUIRE NUCLEAR STATION UNIT 2					
INSTRUMENT DETAILS					
RHR PUMP DISCHARGE PRESSURE					
PERFORMED BY: [Signature] DATE: 11-26-81 INSPECTED BY: [Signature] DATE: 11/26/81 DRAWN BY: [Signature] DATE: 4-9-81 INSP. DATE: 11/26/81 CHECKED BY: [Signature] DATE: 11-27-81 APPROVED BY: [Signature] DATE: 11/27/81					
NO.	REVISIONS	CHKD	APPR	DATE	CIVIL
					ELEC. MECH. INSPECTED
					SCALE DWG. NO. MC-2499-ND2

FOR INFORMATION ONLY

CLZ Hydro SH73

SI
APERTURE
CARD

8904030465

PDR RIDS

