



FUNCTIONAL DESCRIPTION: (FOR PUMP "A," APPLIES TO "B")  
2RNFE5930 MONITORS PUMP MOTOR AIR COOLER OUTLET FLOW,  
PROVIDES LOCAL INDICATION, AND ALARMS ON LOW FLOW.

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) 2RNFE5930 & 2RNFE5930
  - b) 2RNFE5940 & 2RNFE5940

NOTES

1. SLOPE TUBING LINE DOWNWARD FROM PROCESS TAP TO INSTRUMENT AT MINIMUM OF 1/4" PER FOOT.
2. FITTINGS, TUBINGS, AND VALVES DESIGNATED ON THIS DETAIL BY CLASSIFICATION 6a OF THE FITTINGS CLASSIFICATION LIST ARE SAFETY CLASS. SUBSTITUTES FROM OTHER CLASSIFICATIONS ARE NOT PERMITTED.
3. VALVE ITEM #50-700 IS A SUITABLE REPLACEMENT FOR THE V26S ROOT VALVE. SUPPORT REQUIREMENTS PER THE ICS-A STANDARDS ARE APPLICABLE FOR THE V26S ROOT VALVE REPLACEMENT.

QA CONDITION I  
NUCLEAR SAFETY RELATED

(Except As Excluded Above)

SI  
APERTURE  
CARD

		DUKE POWER COMPANY	
		MC GUIRE NUCLEAR STATION UNIT 2	
		INSTRUMENT DETAILS FUEL POOL COOLING PUMP MOTOR E.S. AIR COOLER FLOW	
DESIGNED BY: JAL		DATE: 7-18-89	
DRAWN BY: JAL		DATE: 7-18-89	
CHECKED BY: JAL		DATE: 7-18-89	
ORIG: Preliminary		SCALE: DWG. NO. MC-2499-RN39	
NO.	REVISIONS	CHKD	APPR
4	REV. PER MSM-HG-20672/00 IMP. DATE 7-18-89		
3	Added "As Bldg" QA Stamp		
2	Deleted Note 3		
1	Rel. for Const.		

FOR INFORMATION  
ONLY

SHT 4  
CL 3 HYDRO

PDR RIDS

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