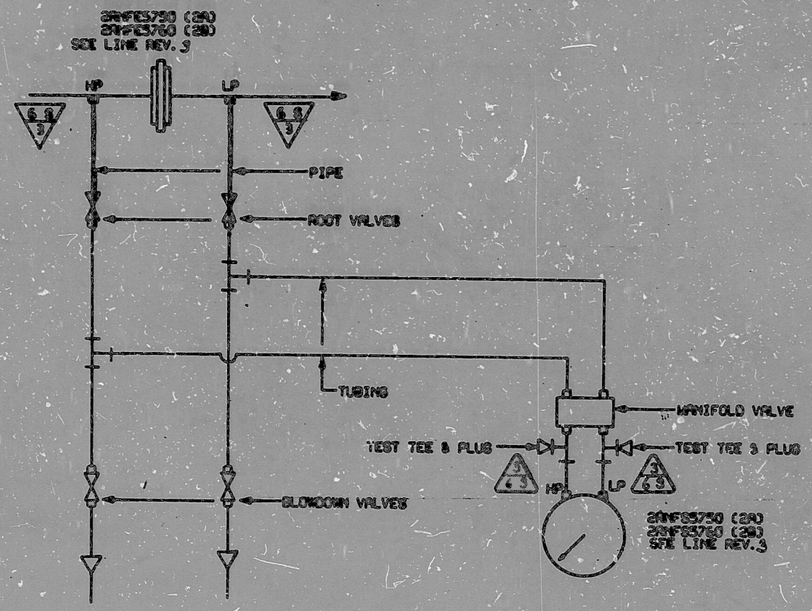



FUNCTIONAL DESCRIPTION: (FOR PUMP "A," APPLIES TO "B")

2RNFS5750 MONITORS PUMP MOTOR AIR COOLER OUTLET FLOW AND 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) 2RNFE5750 & 2RNFS5750
   b) 2RNFE5760 & 2RNFS5760

NOTE:

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 6s OF THE FITTINGS CLASSIFICATION LIST ARE SAFETY CLASS. SUBSTITUTES FROM OTHER CLASSIFICATIONS ARE NOT PERMITTED.
3. VALVE ITEM #5D-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.

4

# QA CONDITION I
## NUCLEAR SAFETY RELATED

(Except As Excluded Above)

| NO. | REVISIONS | DRN | CHKD | APPR | DATE | CIVIL | ELEC. | MECH. |
|---|---|---|---|---|---|---|---|---|
| 4 | REV. PER NSM-MG-20669/00 | [illegible] | [illegible] | [illegible] | [illegible] | N/R | [illegible] | [illegible] |
| | IMP. DATE 7-18-88 | — | — | — | — | — | — | — |
| 3 | Added "As-Built" QA stamp | [illegible] | [illegible] | [illegible] | [illegible] | N/R | [illegible] | N/R |
| 2. | Deleted Note 3 | | [illegible] | [illegible] | [illegible] | N/R | [illegible] | N/R |
| 1. | Rel. for Const. | | [illegible] | [illegible] | [illegible] | N/R | [illegible] | N/R |
| ORIG. | PRELIMINARY | | [illegible] | [illegible] | [illegible] | N/R | [illegible] | N/R |

INSPECTED

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 2

INSTRUMENT DETAILS
CONTAINMENT SPRAY PUMP MOTOR
E.S. AIR COOLER FLOW

DESIGNER [illegible] DATE 3-24-76 INSP. [illegible] DATE [illegible]
DRAWN [illegible] DATE 3-19-76 INSP. [illegible] DATE
CHECKED [illegible] DATE 3-19-76 APPR. [illegible] DATE [illegible]

SCALE | DWG. NO. MC-2499-RN33 | REV 4

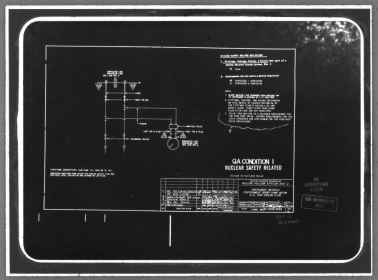
SI APERTURE CARD

FOR INFORMATION ONLY

SHT 4
CL 3 HYDRO

PDR RIDS

8904190482




VUM-5824 — FILMSORT® Brand Aperture & Camera Cards and DUPLICARD® Brand Copy Cards – Product of 3M — St. Paul, Minn.