



NOTES: 1. MONITORS FOR REACTOR COOLANT PUMP 3RCS-PIA SHOWN. MONITORS FOR 3RCS-PIB, *PIC AND *PID ARE SIMILAR. SOURCES FOR 3RCS-PIA, *PID, *PIC AND *PID ARE LISTED IN TABLE 1.

2. SIX RTD'S ARE PROVIDED FOR THE MOTOR WINDINGS ON EACH REACTOR COOLANT PUMP. TWO ARE UTILIZED, THE HOTTEST FOR AN ALARM, AND THE SECOND HOTTEST FOR A COMPUTERPOINT. THE OTHER FOUR ARE SPARES. THE RTD'S ARE FIELD WIRED.

TABLE 1:

FUNCTION	3RCS-PIA	3RCS-PIB	3RCS-PIA	3RCS-PIB
MOTOR TEMPERATURE	3RCS-TE987A	3RCS-TE987B	3RCS-TE988A	3RCS-TE988B
THRUST BEARING UPPER SHOE TEMP.	3RCS-TE989A	3RCS-TE989B	3RCS-TE989A	3RCS-TE989B
THRUST BEARING LOWER SHOE TEMP.	3RCS-TE989A	3RCS-TE989B	3RCS-TE989A	3RCS-TE989B
UPPER RADIAL BEARING TEMP.	3RCS-TE989A	3RCS-TE989B	3RCS-TE989A	3RCS-TE989B
LOWER RADIAL BEARING TEMP.	3RCS-TE989A	3RCS-TE989B	3RCS-TE989A	3RCS-TE989B
UPPER RADIAL BEARING OIL RESV. LEVEL	3RCS-LS975A	3RCS-LS975B	3RCS-LS975A	3RCS-LS975B
LOWER RADIAL BEARING OIL RESV. LEVEL	3RCS-LS975A	3RCS-LS975B	3RCS-LS975A	3RCS-LS975B
RTD BYPASS FLOW	3RCS-F13417	3RCS-F13417	3RCS-F13417	3RCS-F13417

Q.A.CAT II III

REV	DATE	DESCRIPTION	BY	CHK	APP

THE MILLSTONE POINT COMPANY
SUBSIDIARY OF
NORTHEAST UTILITIES

TITLE: MILLSTONE NUCLEAR POWER STATION - UNIT NO. 3
LOGIC DIAGRAM
REACTOR COOLANT PUMPS

BY: R.W. W. DATE: 8-8-79
CHECKED: R.W. W. DATE: 8-22-79
SCALE: 252:12 - 28404
DATE: 8-22-79

STONE & WEBSTER ENGINEERING CORPORATION
BOSTON, MASS.

S & W DWG. NO. 12179-L SK-110
T.O. 3301

TI
APERTURE
CARD

PDR RIDS

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