

1. VALVE LIMIT SWITCHES LOCATED ON VALVE ACTUATOR. ALL OTHER EQUIPMENT LOCATED AT MCC UNLESS OTHERWISE NOTED.
 2. APPLICABLE GE FCD - 761E423
 3. APPLICABLE GE ELEMENTARY - 80TE175TY, 80TE152TY
 4. ALL GE CONTROL ELEMENTS PREFIXED BY "G33" DESIGNATOR, UNLESS OTHERWISE NOTED.
 5. □ - INDICATES DRYWELL PENETRATION
- NUCLEAR SAFETY RELATED
QA CAT I

AC ELEM DIAG-600V MCC CKT
RWCU SYSTEM MOVS
NINE MILE POINT NUCLEAR STATION-UNIT2
NIAGARA MOHAWK POWER CORPORATION

STONE & WEBSTER ENGINEERING CORPORATION

12177-ESK-6WCS03

R O T O R	LIMIT SWITCH DEVELOPMENT FUNCTION						
	33	VALVE POSITION		FULL OPEN 5% 95% FULL CLOSED		2WCS*MC102 (SPARE)	2WCS*MOV200A (SPARE)
1	1					SEE GE. 9075192TY GREEN LT	GREEN LT
	2					GREEN LIMIT (BYPASS)	GREEN LIMIT (BYPASS)
	3					SPARE	SPARE
	4					RED LT E26-75C19	RED LT (E26-75C10)
2	5					SPARE	SPARE
	6					SPARE	SPARE
	7					SPARE	SPARE
	8					SPARE	SPARE
3	9					SPARE	SPARE
	10					SPARE	SPARE
	11					SPARE	SPARE
	12					SPARE	SPARE
4	13					SPARE	SPARE
	14					SPARE	SPARE
	15					SPARE	SPARE
	16					SPARE	SPARE
TOR QUE SW	17	CLOSING TORQUE SW INTERRUPTS CLOSING CYCLE IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE					
	18	OPENING TORQUE SW INTERRUPTS OPENING CYCLE IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE					

420-2WCSNOI	420-2WCSNOI	420-2WCSA02	420-2WCSA02
$\begin{array}{ c c } \hline 4 & 5 \\ \hline \end{array}$ $\begin{array}{ c c } \hline \cancel{7} & 9 \\ \hline \end{array}$	$\begin{array}{ c c } \hline 7 & 18 \\ \hline \end{array}$ $\begin{array}{ c c } \hline \cancel{7} & 8 \\ \hline \end{array}$	$\begin{array}{ c c } \hline 4 & 15 \\ \hline \end{array}$ THIS DWG $\begin{array}{ c c } \hline \cancel{7} & 9 \\ \hline \end{array}$ THIS DWG	$\begin{array}{ c c } \hline 7 & 18 \\ \hline \end{array}$ THIS DWG $\begin{array}{ c c } \hline \cancel{7} & 8 \\ \hline \end{array}$ THIS DWG
$\begin{array}{ c c } \hline 13 & 14 \\ \hline \end{array}$ $\begin{array}{ c c } \hline 15 & 16 \\ \hline \end{array}$ SPARE $\begin{array}{ c c } \hline 17 & 18 \\ \hline \end{array}$	$\begin{array}{ c c } \hline 19 & 20 \\ \hline \end{array}$ $\begin{array}{ c c } \hline 21 & 22 \\ \hline \end{array}$ SPARE $\begin{array}{ c c } \hline 23 & 24 \\ \hline \end{array}$	$\begin{array}{ c c } \hline 13 & 14 \\ \hline \end{array}$ $\begin{array}{ c c } \hline 15 & 16 \\ \hline \end{array}$ SPARE $\begin{array}{ c c } \hline 17 & 18 \\ \hline \end{array}$	$\begin{array}{ c c } \hline 19 & 20 \\ \hline \end{array}$ $\begin{array}{ c c } \hline 21 & 22 \\ \hline \end{array}$ SPARE $\begin{array}{ c c } \hline 23 & 24 \\ \hline \end{array}$
$\begin{array}{ c } \hline \cancel{7} \\ \hline \end{array}$ NOT WIRED OUT	$\begin{array}{ c } \hline \cancel{7} \\ \hline \end{array}$ NOT WIRED OUT	$\begin{array}{ c } \hline \cancel{7} \\ \hline \end{array}$ NOT WIRED OUT	$\begin{array}{ c } \hline \cancel{7} \\ \hline \end{array}$ NOT WIRED OUT
74-2WCSNOI $\begin{array}{ c c } \hline 5 & 16 \\ \hline \end{array}$ ALARM NO. 0755 GE DWG 807E152TY $\begin{array}{ c c } \hline 3 & 4 \\ \hline \end{array}$ INOP. $\begin{array}{ c c } \hline 1 & 2 \\ \hline \end{array}$ $\begin{array}{ c c } \hline 7 & 18 \\ \hline \end{array}$ SPARE	74-2WCSA02 $\begin{array}{ c c } \hline 5 & 16 \\ \hline \end{array}$ ALARM NO. 0754 GE DWG 807E152TY $\begin{array}{ c c } \hline 3 & 4 \\ \hline \end{array}$ INOP. $\begin{array}{ c c } \hline 1 & 2 \\ \hline \end{array}$ $\begin{array}{ c c } \hline 7 & 18 \\ \hline \end{array}$ SPARE		

DESIGN CONTROL ISSUE	
M 5	4/27/81 STV R/R


BP

REFERENCE GE. DWG

807E152TY
↓
807E175TY

PGCC			
REDRAWN			
4	m	10/27/76	M
45	2	BRK/	1
		WTKV	
		ERG M	
			9/29/73
			RL/SD
			EP LSE
			GRT

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