

TMI DOCUMENTS

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Supervisor, Document Control, NRC

*Computer Data Point Description*

7910010462 P





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-1MA	WTD/2B	N/A	N/A	0-75 MW	090	AUXILIARY 2B LOAD MW
ANL	0-1MA	WTD/2A	N/A	N/A	0-75MW	0187	AUXILIARY 2A LOAD MW
DIG	N/A	86ATA-1-2	N/A	N/A	NORM/TRIP	2724	AUX XFMR 2A MALFUNCTION
DIG	N/A	86ATB-1-2	N/A	N/A	NORM/TRIP	2725	AUX XFMR 2B MALFUNCTION
DIG	N/A	49X/AA	N/A	N/A	NORM/HIGH	3053	AUX XFMR 2A WINDING TEMP
DIG	N/A	49X/AB	N/A	N/A	NORM/HIGH	3054	AUX XFMR 2B WINDING TEMP
SOE	N/A	2A-12	N/A	N/A	NORM/TRIP	3139	6.9KV AUX XFMR 2A BKR
SOE	N/A	A-22	N/A	N/A	NORM/TRIP	3140	6.9KV AUX XFMR 2A BKR
SOE	N/A	2B-12	N/A	N/A	NORM/TRIP	3141	6.9KV AUX XFMR 2B BRK
SOE	N/A	2B-22	N/A	N/A	NORM/TRIP	3142	6.9KV AUX XFMR 2B BRK
SOE	N/A	2A-62	N/A	N/A	NORM/TRIP	3143	4.16KV AUX XFMR 2A BKR
SOE	N/A	2A-32	N/A	N/A	NORM/TRIP	3144	4.16KV AUX XFMR 2A BKR
SOE	N/A	2A-42	N/A	N/A	NORM/TRIP	3145	4.16KV AUX XFMR 2A BKR
SOE	N/A	2A-1E2	N/A	N/A	NORM/TRIP	3146	4.16KV AUX XFMR 2A BKR
SOE	N/A	2A-2E2	N/A	N/A	NORM/TRIP	3147	4.16KV AUX XFMR 2A BKR
SOE	N/A	2B-52	N/A	N/A	NORM/TRIP	3148	4.16KV AUX XFMR 2B BKR
SOE	N/A	2B-32	N/A	N/A	NORM/TRIP	3149	4.16KV AUX XFMR 2B BKR

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
SOE	N/A	2B-42	N/A	N/A	NORM/TRIP	3150	4.16KV AUX XFMR 2B BKR
SOE	N/A	2B-1E2	N/A	N/A	NORM/TRIP	3151	4.16KV AUX XFMR 2B BKR
SOE	N/A	2B-2E2	N/A	N/A	NORM/TRIP	3152	4.16KV AUX XFMR 2B BKR

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Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANAL	100 RTD	BSP-50-TE1	N/A	170°F	40-190°F	376	BSP A PMP BRG TEMP PUMP END
ANAL	100 RTD	BSP-50-TE3	N/A	170°F	40-190°F	377	BSP B PMP BRG TEMP PUMP END
ANAL	100 RTD	BSP-50-TE2	N/A	170°F	40-190°F	378	BSP B PMP BRG TEMP MTR END
ANAL	100 RTD	BSP-50-TE4	N/A	170°F	40-190°F	379	BSP B PMP BRG TEMP MTR END
ANAL	100 RTD	BSP-51-TE1	N/A	170°F	40-190°F	380	BSP A MRT BRG TEMP PMP END
ANAL	100 RTD	BSP-51-TE3	N/A	170°F	40-190°F	381	BSP B MTR BRG TEMP PMP END
ANAL	100 RTD	BSP-51-TE2	N/A	170°F	40-190°F	382	BSP A MTR BRG TEMP MTR END
ANAL	100 RTD	BSP-51-TE1	N/A	170°F	40-190°F	383	BSP B MTR BRG TEMP MTR END
ANAL	100 RTD	BSP-52-TE6	N/A	266°F	40-300°F	1668	BLDG SPRAY PMP A MOT STATOR
ANAL	100 RTD	BSP-52-TE12	N/A	266°F	40-300°F	1669	BLDG SPRAY PMP B MOT STATOR
DIG	N/A	BS-FA-4456	N/A	N/A	NORM/TRIP	2951	BSP A MRT COOLING WTR
DIG	N/A	BS-FA-4457	N/A	N/A	NORM/TRIP	2952	BSP B MTR COOLING WTR
DIG	N/A	<del>30T-BS-P-1A</del>	N/A	N/A	NORM/TRIP	2953	<del>BSP A MTR STATUS WTR</del> 52A 30T
DIG	N/A	30T-BS-P-1A	N/A	N/A	NORM/TRIP	2954	BSP B MTR STATUS WTR
SOE	N/A	BS-PS-3570	N/A	N/A	NORM/TRIP	3167	<del>4 PSI RB PRESS RED CH TRIP</del>
SOE	N/A	BS-PS-3571	N/A	N/A	NORM/TRIP	3168	4 PSI RB PRESS GRN CH TRIP
SOE	N/A	BS-PS-3572	N/A	N/A	NORM/TRIP	3169	4 PSI RB PRESS YEL CH TRIP





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50MA	EX-PT-115	N/A	N/A	0-30 IN HG	120	HTR 1A PRESS IN HG
ANL	10-50MA	EX-PT-116	N/A	N/A	0-30 IN HG	121	HTR 1B PRESS IN HG
ANL	10-50MA	EX-PT-117	N/A	N/A	30 IN - 15 PSI	122	13 STG A HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-118	N/A	N/A	30 IN - 15 PSI	123	13 STG A HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-119	N/A	N/A	30 IN - 15 PSI	124	13 STG B HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-120	N/A	N/A	30 IN - 15 PSI	125	13 STG B HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-121	N/A	N/A	30 IN - 60 PSI	126	11 STG A HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-122	N/A	N/A	30 IN - 60 PSI	127	11 STG B HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-123	N/A	N/A	30 IN - 150 PSI	128	10 STG A HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-124	N/A	N/A	30 IN - 150 PSI	129	10 STG B HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-125	N/A	N/A	0-300 PSI	130	8 STG A HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-126	N/A	N/A	0-300 PSI	131	8 STG B HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-127	N/A	N/A	0-600 PSI	132	3 STG A HTR BLEED ST PRESS
ANL	10-50MA	EX-PT-128	N/A	N/A	0-600 PSI	133	3 STG B HTR BLEED ST PRESS
ANL	10-50MA	EX-TT-129	N/A	N/A	50-250°F	900	14 STG HEATER A SHELL TEMP
ANL	10-50MA	EX-TT-130	N/A	N/A	50-250°F	901	14 STG HEATER B SHELL TEMP
ANL	10-50MA	EX-TT-131	N/A	N/A	50-300°F	902	13 STG HTR A BLEED ST TEMP





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50MA	CA-12-TT	90°F	140°F	0-200°F	330	CA BORIC ACID MIX TANK TEMP
ANL	10-50MA	CA-13-LT	12 IN	N/A	0-130 IN	331	CA BORIC ACID MIX TANK LEVEL (IN)
ANL	0-50MV	CA-H2IT	N/A	N/A	0-5%	775	CA AUTO GAS ANALYZER H <sub>2</sub> (PCT)
ANL	0-50MV	CA-O2IT	N/A	N/A	0-5%	776	CA AUTO GAS ANALYZER O <sub>2</sub> (PCT)
DIG	N/A	CA-FS	N/A	N/A	NORM/LOW	2931	CA GAS ANALYZER FLOW*







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50MA	CW-PT-429	30 PSI	N/A	0-100 PSI	103	CIRC WTR PUMP 1F DISCH PRESS
ANL	10-50MA	CW-PT-430	30 PSI	N/A	0-100 PSI	104	CIRC WTR PUMP 1E DISCH PRESS
ANL	10-50MA	CW-PT-431	30 PSI	N/A	0-100 PSI	105	CIRC WTR PUMP 1D DISCH PRESS
ANL	10-50MA	CW-PT-432	30 PSI	N/A	0-100 PSI	106	CIRC WTR PUMP 1C DISCH PRESS
ANL	10-50MA	CW-PT-433	30 PSI	N/A	0-100 PSI	107	CIRC WTR PUMP 1B DISCH PRESS
ANL	10-50MA	CW-PT-434	30 PSI	N/A	0-100 PSI	108	CIRC WTR PUMP 1A DISCH PRESS
ANL	10-50MA	CW-PT-437	N/A	N/A	0-100 PSI	109	CIRC WTR TO COND 'C' B INLT PRESS
ANL	10-50MA	CW-PT-438	N/A	N/A	0-100 PSI	110	CIRC WTR TO COND 'C' B INLT PRESS
ANL	10-50MA	CW-PT-439	N/A	N/A	0-100 PSI	111	CIRC WTR TO COND 'H' B OUT PRESS
ANL	10-50MA	CW-PT-440	N/A	N/A	0-100 PSI	112	CIRC WTR TO COND 'H' B OUT PRESS
ANL	100 $\Omega$ RTD	CW-TE-417	N/A	N/A	0-120 <sup>0</sup> F	952	CIRC WTR COND C SIDE B OUT TEMP
ANL	100 $\Omega$ RTD	CW-TE-428	N/A	N/A	0-120 <sup>0</sup> F	953	CIRC WTR COND C SIDE A OUT TEMP
ANL	100 $\Omega$ RTD	CW-TE-1061	N/A	N/A	0-120 <sup>0</sup> F	954	CIRC WTR COND C SIDE A IN TEMP
ANL	100 $\Omega$ RTD	CW-TE-1063	N/A	N/A	0-120 <sup>0</sup> F	955	CIRC WTR COND C SIDE B IN TEMP
ANL	100 $\Omega$ RTD	CW-TE-1065	N/A	N/A	0-120 <sup>0</sup> F	956	CIRC WTR COND H SIDE A OUT TEMP
ANL	100 $\Omega$ RTD	CW-TE-1067	N/A	N/A	0-120 <sup>0</sup> F	957	CIRC WTR COND H SIDE B OUT TEMP
ANL	100 $\Omega$ RTD	CW-TE-3971	N/A	N/A	-50-200 <sup>0</sup> F	958	CLG AIR DRY BULB TEMP

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 $\Omega$ RTD	CW-TE- 3972	N/A	N/A	50-200 $^{\circ}$ F	959	CLG AIR DEWCELL TEMP
ANL	100 $\Omega$ RTD	CW-TE- 4086	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1575	CIRC WTR PMP 1A MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4087	N/A	220 $^{\circ}$ F	0-400 $^{\circ}$ F	1576	CIRC WTR PMP 1A WINDING
ANL	100 $\Omega$ RTD	CW-TE- 4088	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1577	CIRC WTR PMP 1A INBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4090	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1578	CIRC WTR PMP 1A OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4089	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1579	CIRC WTR PMP 1A INBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4091	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1580	CIRC WTR PMP 1A THR BRG
ANL	100 $\Omega$ RTD	CW-TE- 4092	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1581	CIRC WTR PMP 1B MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4093	N/A	220 $^{\circ}$ F	0-400 $^{\circ}$ F	1582	CIRC WTR PMP 1B MOT WINDING
ANL	100 $\Omega$ RTD	CW-TE- 4094	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1583	CIRC WTR PMP 1B MOT INBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4096	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1584	CIRC WTR PMP 1B INBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4095	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1585	CIRC WTR PMP 1B THR BRG
ANL	100 $\Omega$ RTD	CW-TE- 4097	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1586	CIRC WTR PMP 1C MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4098	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1587	CIRC WTR PMP 1C MOT WINDING
ANL	100 $\Omega$ RTD	CW-TE- 4099	N/A	220 $^{\circ}$ F	0-400 $^{\circ}$ F	1588	CIRC WTR PMP 1C MOT INBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4100	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1589	CIRC WTR PMP 1C OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE- 4102	N/A	180 $^{\circ}$ F	70-220 $^{\circ}$ F	1590	CIRC WTR PMP 1C INBD BRG



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 $\Omega$ RTD	CW-TE-4101	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1591	CIRC WTR PMP 1C INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4103	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1592	CIRC WTR PMP 1C THR BRG
ANL	100 $\Omega$ RTD	CW-TE-4104	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1593	CIRC WTR PMP 1D MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4105	N/A	220 <sup>0</sup> F	0-400 <sup>0</sup> F	1594	CIRC WTR PMP 1D MOT WINDING
ANL	100 $\Omega$ RTD	CW-TE-4106	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1594	CIRC WTR PMP 1D MOT INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4108	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1596	CIRC WTR PMP 1D OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4107	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1597	CIRC WTR PMP 1D INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4109	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1598	CIRC WTR PMP 1 <sup>0</sup> THR BRG
ANL	100 $\Omega$ RTD	CW-TE-4110	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1599	CIRC WTR PMP 1E MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4111	N/A	220 <sup>0</sup> F	0-400 <sup>0</sup> F	1600	CIRC WTR PMP 1E MOT WINDING
ANL	100 $\Omega$ RTD	CW-TE-4112	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1601	CIRC WTR PMP 1E INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4114	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1602	CIRC WTR PMP 1E OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4113	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1603	CIRC WTR PMP 1E INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4115	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1604	CIRC WTR PMP 1E THR BRG
ANL	100 $\Omega$ RTD	CW-TE-4116	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1605	CIRC WTR PMP 1F MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4117	N/A	220 <sup>0</sup> F	0-400 <sup>0</sup> F	1606	CIRC WTR PMP 1F MOT WINDING
ANL	100 $\Omega$ RTD	CW-TE-4118	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1607	CIRC WTR PMP 1F MOT INBD BRG

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 $\Omega$ RTD	CW-TE-4120	N/A	180 <sup>o</sup> F	70-220 <sup>o</sup> F	1608	CIRC WTR PMP 1F OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4119	N/A	180 <sup>o</sup> F	70-220 <sup>o</sup> F	1609	CIRC WTR PMP 1F INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4121	N/A	180 <sup>o</sup> F	70-220 <sup>o</sup> F	1610	CIRC WTR PMP 1F THR BRG
ANL	100 $\Omega$ RTD	CW-TE-4124	N/A	180 <sup>o</sup> F	70-220 <sup>o</sup> F	1611	CW-P-2A MOT INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4122	N/A	180 <sup>o</sup> F	70-220 <sup>o</sup> F	1612	CW-P-2A MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4127	N/A	180 <sup>o</sup> F	70-220 <sup>o</sup> F	1614	CW-P-2B MOT INBD BRG
ANL	100 $\Omega$ RTD	CW-TE-4125	N/A	180 <sup>o</sup> F	70-220 <sup>o</sup> F	1615	CW-P-2B MOT OUTBD BRG
DIG	N/A	52B/7	N/A	N/A	NORM/TRIP	2742	MECH DFT CLG TWR PMP CW-P-2A
DIG	N/A	52B/8	N/A	N/A	NORM/TRIP	2743	MECH DFT CLG TWR PMP CW-P-2B
SOE	N/A	30T/5	N/A	N/A	NORM/TRIP	3098	<del>CIRC WTR PMP CW-P-1A</del>
SOE	N/A	30T/6	N/A	N/A	NORM/TRIP	3099	CIRC WTR PMP CW-P-1B
SOE	N/A	30T/6	N/A	N/A	NORM/TRIP	3100	CIRC WTR PMP CW-P-1C
SOE	N/A	30T/6	N/A	N/A	NORM/TRIP	3101	CIRC WTR PMP CW-P-1D
SOE	N/A	30T/5	N/A	N/A	NORM/TRIP	3102	CIRC WTR PMP CW-P-1E
SOE	N/A	30T/6	N/A	N/A	NORM/TRIP	3103	CIRC WTR PMP CW-P-1F
DIG	N/A	52/5	N/A	N/A	ON/OFF	3252	<del>CIRC WTR PMP CW-P-1A</del>

CWP Permissive for STM GEN 1A & 1B Bypass Valves  
requires any 3 CWPs





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50MA	CO-DPT-1169	N/A	N/A	0-9000KLB/H	21	TOT FDW THRU A & B HTR (KLB/H)
ANL	10-50MA	CO-LT-72	20 FT	29 FT	0-30 FT	93	CNDS STOR TK 1A LEVEL
ANL	10-50MA	CO-LT-73	20 FT	29 FT	0-30 FT	94	CNDS STOR TK 1B LEVEL
ANL	10-50MA	CO-PT-98	290PSI	N/A	0-800 PSI	95	SGFP SUCT HDR PRESS
ANL	10-50MA	CO-LT-332	22.5 IN	36 IN	10-50 IN	96	COND HWL LVL (IN H <sub>2</sub> O)
ANL	10-50MA	CO-PT-1102	75 PSI	N/A	1-200 PSI	98	CNDS PUMPS OUTLET HDR PRESS
ANL	10-50MA	CO-PT-1112	310PSI	N/A	0-1000 PSI	99	CNDS BSTR PUMPS DISCH PRESS
ANL	10-50MA	CO-PT-1126	N/A	N/A	0-800 PSI	100	BSTG FDW HTR A OUTLET PRESS
ANL	10-50MA	CO-PT-1129	N/A	N/A	0-800 PSI	101	BSTG FDW HTR B OUTLET PRESS
ANL	10-50MA	CO-PT-1141	15PSI	N/A	0-200 PSI	102	CNDS BSRT PUMP SUCT HDR PRESS
ANL	100 Ω RTD	CO-TE-1101	N/A	N/A	0-410 <sup>0</sup> F	933	14STG FW HTR A OUTLET TEMP
ANL	100 Ω RTD	CO-TE-1104	N/A	N/A	0-410 <sup>0</sup> F	934	14STG FW HTR B OUTLET TEMP
ANL	100 Ω RTD	CO-TE-1107	N/A	N/A	0-410 <sup>0</sup> F	935	13STG FW HTR A OUTLET TEMP
ANL	100 Ω RTD	CO-TE-1110	N/A	N/A	0-410 <sup>0</sup> F	936	13STG FW HTR B OUTLET TEMP
ANL	100 Ω RTD	CO-TE-1113	N/A	N/A	0-410 <sup>0</sup> F	937	11STG FW HTR A OUTLET TEMP
ANL	100 Ω RTD	CO-TE-1116	N/A	N/A	0-410 <sup>0</sup> F	938	11STG FW HTR B OUTLET TEMP
ANL	100 Ω RTD	CO-TE-1119	N/A	N/A	0-410 <sup>0</sup> F	939	10STG FW HTR A OUTLET TEMP

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 $\Omega$ RTD	CO-TE-1122	N/A	N/A	0-410 <sup>0</sup> F	940	10STG FW HTR B OUTLET TEMP
ANL	100 $\Omega$ RTD	CO-TE-1125	N/A	N/A	0-410 <sup>0</sup> F	941	8STG FW HTR A OUTLET TEMP
ANL	100 $\Omega$ RTD	CO-TE-1128	N/A	N/A	0-410 <sup>0</sup> F	<del>942</del> 492	8STG FE HTR B OUTLET TEMP
ANL	100 $\Omega$ RTD	CO-TE-1137	N/A	N/A	0-410 <sup>0</sup> F	<del>943</del> 493	14STG DRN CLR A OUTLET TEMP
ANL	100 $\Omega$ RTD	CO-TE-1139	N/A	N/A	0-410 <sup>0</sup> F	944	14STG DRN CLR A INLET TEMP
ANL	100 $\Omega$ RTD	CO-TE-1140	N/A	N/A	0-410 <sup>0</sup> F	945	14STG DRN CLR B OUTLET TEMP
ANL	100 $\Omega$ RTD	CO-TE-1142	N/A	N/A	0-410 <sup>0</sup> F	946	14STG DRN CLR B INLET TEMP
ANL	100 $\Omega$ RTD	CO-TE-3970	N/A	N/A	0-200 <sup>0</sup> F	947	CONDENSATE TEMP
ANL	100 $\Omega$ RTD	CO-TE-4394	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1521	CNDS PUMP 1A THR BRG
ANL	100 $\Omega$ RTD	CO-TE-4397	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1522	CNDS PUMP 1A MOT INBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4396	N/A	220 <sup>0</sup> F	0-400 <sup>0</sup> F	1523	CNDS PUMP 1A MOT WINDING
ANL	100 $\Omega$ RTD	CO-TE-4395	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1524	CNDS PUMP 1A MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4398	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1525	CNDS PUMP 1B THR BRG
ANL	100 $\Omega$ RTD	CO-TE-4401	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1526	CNDS PUMP 1B MOT INBD
ANL	100 $\Omega$ RTD	CO-TE-4400	N/A	220 <sup>0</sup> F	0-400 <sup>0</sup> F	1527	CNDS PUMP 1B MOT WINDING
ANL	100 $\Omega$ RTD	CO-TE-4399	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1528	CNDS PUMP 1B MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4402	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1529	CNDS PUMP 1C THR BRG



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 $\Omega$ RTD	CO-TE-4405	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1530	CNDS PUMP 1C MOT INBD
ANL	100 $\Omega$ RTD	CO-TE-4404	N/A	220 <sup>0</sup> F	0-400 <sup>0</sup> F	1531	CNDS PUMP 1C MOT WINDING
ANL	100 $\Omega$ RTD	CO-TE-4403	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1532	CNDS PUMP 1C MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4406	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1533	CNDS BSTR PMP 2A MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4407	N/A	180 <sup>0</sup> F	0-400 <sup>0</sup> F	1534	CNDS BSTR PMP 2A MOT WINDING
ANL	100 $\Omega$ RTD	CO-TE-4408	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1535	CNDS BSTR PMP 2A MOT INBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4410	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1536	CNDS BSTR PMP 2A OUTBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4409	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1537	CNDS BSTR PMP 2A INBD BRG
ANL	TC TYPE	CO-TE-4412	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1538	CNDS BSTR PMP 2A THR BRG FRONT
ANL	TC TYPE	CO-TE-4411	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1538	CNDS BSTR PMP 2A THR BRG REAR
ANL	100 $\Omega$ RTD	CO-TE-4413	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1540	CNDS BSTR PMP 2B MOT OUTBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4414	N/A	220 <sup>0</sup> F	0-400 <sup>0</sup> F	1541	CNDS BSTR PMP 2B MOT WINDING
ANL	100 $\Omega$ RTD	CO-TE-4415	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1542	CNDS BSTR PMP 2B MOT INBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4417	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1543	CNDS BSTR PMP 2B OUTBD BRG
ANL	100 $\Omega$ RTD	CO-TE-4416	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1544	CNDS BSTR PMP 2B INBD BRG
ANL	TC TYPE	CO-TE-4419	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1545	CNDS BSTR PMP 2B THR BRG FRONT
ANL	TC TYPE	CO-TE-4418	N/A	180 <sup>0</sup> F	70-220 <sup>0</sup> F	1546	CNDS BSTR PMP 2B THR BRG REAR

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 Ω RTD	CO-TE-4420	N/A	180°F	70-220°F	1547	CNDS BSTR PMP 2B THR BRG REAR
ANL	100 Ω RTD	CO-TE-4421	N/A	220°F	0-410°F	1548	CNDS BSTR PMP 2C MOR OUTBD BRG
ANL	100 Ω RTD	CO-TE-4422	N/A	180°F	70-220°F	1549	CNDS BSTR PMP 2C MOT INBD BRG
ANL	100 Ω RTD	CO-TE-4424	N/A	180°F	70-220°F	1550	CNDS BSTR PMP 2C OUTBD BRG
ANL	100 Ω RTD	CO-TE-4423	N/A	180°F	70-220°F	1551	CNDS BSTR PMP 2C INBD BRG
ANL	TC TYPE	CO-TE-4426	N/A	180°F	70-220°F	1552	CNDS BSTR PMP 2C THR BRG FRONT
ANL	TC TYPE	CO-TE-4425	N/A	180°F	70-220°F	1553	CNDS BSTR PMP 2C THR BRG REAR
DIG	N/A	OLX	N/A	N/A	NORM/TRIP	3083	AUX OIL PMP FOR CNDS BSTR PMP 2A
DIG	N/A	OLX	N/A	N/A	NORM/TRIP	3084	AUX OIL PMP FOR CNDS BSTR PMP 2B
DIG	N/A	OLX	N/A	N/A	NORM/TRIP	3085	AUX OIL PMP FOR CNDS BSTR PMP 2C
DIG	N/A	30 TA/3	N/A	N/A	NORM/TRIP	3089	<del>AUX OIL PMP FOR HTR DR PMP 1A</del> <i>CNDS PUMP CO-P-1A</i>
DIG	N/A	30 TA/4	N/A	N/A	NORM/TRIP	3090	AUX OIL PMP FOR HTR DR PMP 1B
DIG	N/A	30 TA/3-13	N/A	N/A	NORM/TRIP	3091	AUX OIL PMP FOR HTR DR PMP 1C
DIG	N/A	30 T/3	N/A	N/A	NORM/TRIP	3092	<del>CNDS PUMP CO-P-1A</del> <i>Booster? CO-2A</i>
DIG	N/A	30 T/4	N/A	N/A	NORM/TRIP	3093	CNDS PUMP CO-P-1B
DIG	N/A	30 T/3-4	N/A	N/A	NORM/TRIP	3094	CNDS PUMP CO-P-1C
DIG	N/A	52 A/3	N/A	N/A	ON/OFF	3249	<del>CNDS PUMP CO-P-1A</del> <i>52A</i>

*Handwritten notes:*  
 3083, 3084, 3085  
 CNDS PUMP CO-P-1A

*Handwritten notes:*  
 Booster?  
 CO-2A





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	1X1A/ RCA	N/A	N/A	NORM/TEST	2815	<del>ES ACT A EMER INJ MNL TEST GP1</del> <sup>MAN ACT ALL</sup> <del>RC CHANNEL</del>
DIG	N/A	1X2A/ RCA	N/A	N/A	NORM/TEST	2816	ES ACT A EMER INJ MNL TEST GP2 <sup>MAN ACT ALL</sup> <del>RC CHANNEL</del>
DIG	N/A	1X3B/ 3CA	N/A	N/A	NORM/TEST	2817	ES ACT A EMER INJ MNL TEST GP3
DIG	N/A	<sup>2</sup> 63Z1A	N/A	N/A	NORM/ACT	2818	<del>ES ACT A 2/3 LOGIC EMER INJ GP1</del> <sup>ANY 2 A</sup> <del>RC CHANNEL</del>
DIG	N/A	63Z2A	N/A	N/A	NORM/ACT	2819	ES ACT A 2/3 LOGIC EMER INJ GP2
DIG	N/A	63Z3B	N/A	N/A	NORM/ACT	2820	ES ACT A 2/3 LOGIC EMER INJ GP3
DIG	N/A	63X/ RC1A	N/A	N/A	NORM/BYPS	2821	<del>ES ACT A EMER INJ CH1 BYPASSED</del> <sup>+43/RC1A</sup> <del>RC CHANNEL</del>
DIG	N/A	63X/ RC2A	N/A	N/A	NORM/BYPS	2822	ES ACT A EMER INJ CH2 BYPASSED
DIG	N/A	63X/ RC3A	N/A	N/A	NORM/BYPS	2823	ES ACT A EMER INJ CH3 BYPASSED
DIG	N/A	1X1E/ RBA	N/A	N/A	NORM/TEST	2824	<del>ES ACT A 2/3 LOGIC BLDG ISLN GP1</del> <sup>MNL TEST</sup> <del>MAN ACT ALL</del> <del>RC CHANNELS</del>
DIG	N/A	1X2C/ RBA	N/A	N/A	NORM/TEST	2825	ES ACT A 2/3 LOGIC BLDG ISLN <sup>MNL TEST</sup> GP2
DIG	N/A	1X3E/ RBA	N/A	N/A	NORM/TEST	2826	ES ACT A 2/3 LOGIC BLDG ISLN <sup>MNL TEST</sup> GP3
DIG	N/A	63Z1E	N/A	N/A	NORM/ISLN	2827	<del>ES ACT A BLDG ISLN CH1 DEFEATED</del> <sup>ACT A</sup>
DIG	N/A	63Z2C	N/A	N/A	NORM/ISLN	2828	ES ACT A BLDG ISLN CH2 DEFEATED <sup>ACT A</sup>
DIG	N/A	63Z3E	N/A	N/A	NORM/ISLN	2829	ES ACT A BLDG ISLN CH3 DEFEATED <sup>ACT A</sup>
DIG	N/A	43X/ RB1A	N/A	N/A	NORM/DEFT	2830	<del>ES BLDG ISLN SW ACT A CH1 TRIP</del> <sup>ACT A</sup> <sup>+43Y/RB1A</sup>
DIG	N/A	43X/ RB2A	N/A	N/A	NORM/DEFT	2831	<del>ES BLDG ISLN SW ACT A CH2 TRIP</del> <sup>ACT A</sup> <sup>+43Y/RB2A</sup>

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	43X/ RB3A	N/A	N/A	NORM/DEFT	2832	ES ACT A BLDG ISLN CH3 DEFEATED
DIG	N/A	63X2/ RB1A	N/A	N/A	NORM/ISLN	2833	<del>ES BLDG ISLN SW ACT A CH1 TRIP</del> 71/100
DIG	N/A	63X2/ RB2A	N/A	N/A	NORM/ISLN	2834	ES BLDG ISLN SW ACT A CH2 TRIP
DIG	N/A	63X2/ RB3A	N/A	N/A	NORM/ISLN	2835	ES BLDG ISLN SW ACT A CH3 TRIP
DIG	N/A	63X/ RB4A	N/A	N/A	NORM/SPRAY	2836	<del>ES BLDG SPRAY SW ACT A CH1 TRIP</del> 730/100
DIG	N/A	63X/ RB5A	N/A	N/A	NORM/SPRAY	2837	ES BLDG SPRAY SW ACT A CH2 TRIP
DIG	N/A	63X/ RB6A	N/A	N/A	NORM/SPRAY	2838	ES BLDG SPRAY SW ACT A CH3 TRIP
DIG	N/A	63X/ 4A5A6A	N/A	N/A	NORM/ACT	2839	<del>ES ACT A 2/3 LOGIC RB SPRAY</del> ANY 2 RB CHANNELS
DIG	N/A	1X1A/ RCB	N/A	N/A	NORM/TEST	2840	ES ACT B EMER INJ MNL TEST GP1
DIG	N/A	1X2A/ RCB	N/A	N/A	NORM/TEST	2841	ES ACT B EMER INJ MNL TEST GP2
DIG	N/A	1X3A/ RCB	N/A	N/A	NORM/TEST	2842	ES ACT B EMER INJ MNL TEST GP3
DIG	N/A	63Z1A	N/A	N/A	NORM/ACT	2843	ES ACT B 2/3 LOGIC EMER INJ GP1
DIG	N/A	63Z2A	N/A	N/A	NORM/ACT	2844	ES ACT B 2/3 LOGIC EMER INJ GP2
DIG	N/A	63Z3A	N/A	N/A	NORM/ACT	2845	ES ACT B 2/3 LOGIC EMER INJ GP3
DIG	N/A	63X/ RC1B	N/A	N/A	NORM/BYPS	2846	ES ACT B EMER INJ CH1 BYPASSED
DIG	N/A	63X/ RC2B	N/A	N/A	NORM/BYPS	2847	ES ACT B EMER INJ CH2 BYPASSED
DIG	N/A	63X/ RC3B	N/A	N/A	NORM/BYPS	2848	ES ACT B EMER INJ CH3 BYPASSED







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	TC type J	CRD-TE	N/A	160	40-200°F	625	CNTRL RD DRIVE 6B MOTOR TEMP
						626	8B
						627	10B
						628	5C
						629	7C
						630	9C
						631	11C
						632	4D
						633	6D
						634	8D
						635	10D
						636	12D
						637	3E
						638	5E
						639	7E
						640	9E
ANL	TC type J	CRD-TE	N/A	160	40-200°F	641	CNTRL ROD DRIVE 11E MOTOR TEMP



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	TC type J	CRD-TE	N/A	160	40-200 <sup>o</sup> F	642	CNTROL ROD DRIVE 13E MOTOR TEMP
						643	2F
						644	4F
						645	6F
						646	8F
						647	10F
						648	12F
						649	14F
						650	3G
						651	5G
						652	7G
						653	9G
						654	11G
						655	13G
						656	2H
						657	4H
ANL	TC type J	CRD-TE	N/A	160	40-200 <sup>o</sup> F	658	CNTROL ROD DRIVE 6H MOTOR TEMP

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	TC type J	CRD-TE	N/A	160	40-200 <sup>o</sup> F	659	CONTROL ROD DRIVE 8H MOTOR TEMP
						660	10H
						661	12H
						662	14H
						663	3K
						664	5K
						665	7K
						666	9K
						667	11K
						668	13K
						669	2L
						670	4L
						671	6L
						672	8L
						673	10L
						674	12L
ANL	TC type J	CRD-TE	N/A	160	40-200 <sup>o</sup> F	675	CONTROL ROD DRIVE 14L MOTOR TEMP

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	TC type J	CRD-TE	N/A	160	40-200°F	676	CONTROL ROD DRIVE 3M MOTOR TEMP
						677	5M
						678	7M
						679	9M
						680	11M
						681	13M
						682	4N
						683	6N
						684	8N
						685	10N
						686	12N
						687	50
						688	70
						689	90
						690	110
						691	6P
ANL	TC type J	CRD-TE	N/A	160	40-200°F	692	CONTROL ROD DRIVE 8P MOTOR TEMP



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	TC type J	CRD-TE	N/A	160	40-200°F	693	CONTROL ROD DRIVE 10P MOTOR TEMP
	0-6VDC	CRD1-POT		N/A	0-100%	694	CNTRL RD 11C PCT WITHDRAWN
		CRD2-POT				695	10F
		CRD3-POT				696	13E
		CRD4-POT				697	13M
		CRD5-POT				698	10L
		CRD6-POT				699	110
		CRD7-POT				700	5-0
		CRD8-POT				701	6-L
		CRD9-POT				702	3-M
		CRD10-POT				703	3-E
		CRD11-POT				704	6-F
		CRD12-POT				705	5-C
		CRD13-POT				706	9-C
		CRD14-POT				707	13G
		CRD15-POT				708	13K
ANL	0-6VDC	CRD16-POT	N/A	N/A	0-100%	709	CNTRL ROD9-0 PCT WITHDRAWN

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor		
ANL	0-6VDC	CRD17-POT	N/A	N/A	0-100%	710	CNTRL ROD	7-0	PCT WITHDRAWN
		CRD18-POT				711		3-K	
		CRD19-POT				712		3-G	
		CRD20-POT				713		7-C	
		CRD21-POT				714		10-D	
		CRD22-POT				715		9-G	
		CRD23-POT				716		12-F	
		CRD24-POT				717		9-K	
		CRD25-POT				718		12-L	
		CRD26-POT				719		10-N	
		CRD27-POT				720		6-N	
		CRD28-POT				721		7-K	
		CRD29-POT				722		4-L	
		CRD30-POT				723		4-F	
		CRD31-POT				724		7-G	
		CRD32-POT				725		6-D	
ANL	0-6VDC	CRD33-POT	N/A	N/A	0-100%	726	CNTRL ROD	4-E	PCT WITHDRAWN

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-6VDC	CRD34-POT	N/A	N/A	0-100%	727	CNTRL ROD 11-G PCT WITHDRAWN
		CRD35-POT				728	11-K
		CRD36-POT				729	9-M
		CRD37-POT				730	7-M
		CRD38-POT				731	5-K
		CRD39-POT				732	5-G
		CRD40-POT				733	7-E
		CRD41-POT				734	8-F
		CRD42-POT				735	8-B
		CRD43-POT				736	12-D
		CRD44-POT				737	10-H
		CRD45-POT				738	14-H
		CRD46-POT				739	12-N
		CRD47-POT				740	8-L
		CRD48-POT				741	8-P
		CRD49-POT				742	4-N
ANL	0-6VDC	CRD50-POT	N/A	N/A	0-100%	743	CNTRL ROD 6-H PCT WITHDRAWN



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-6VDC	CRD51-POT	N/A	N/A	0-100%	744	CNTRL ROD 2-H PCT WITHDRAWN
		CRD52-POT				745	4-D
		CRD53-POT				746	8-H
		CRD54-POT				747	10-B
		CRD55-POT				748	14-F
		CRD56-POT				749	14-L
		CRD57-POT				750	10-P
		CRD58-POT				751	6-P
		CRD59-POT				752	2-L
		CRD60-POT				753	2-F
		CRD61-POT				754	6-B
		CRD62-POT				755	11-E
		CRD63-POT				756	11-M
		CRD64-POT				757	5-M
		CRD65-POT				758	5-E
		CRD66-POT				759	8-D
ANL	0-6VDC	CRD67-POT	N/A	N/A	0-100%	760	CNTRL ROD 12-H PCT WITHDRAWN

Point Type	Input Range	Point Source	Low Alarm	Hgh Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-6VDC	CRD68-POT	N/A	N/A	0-100	761	CNTRL ROD 8-N PCT WITHDRAWN
ANL	0-6VDC	CRD69-POT			0-100	762	CNTRL ROD 4-H PCT WITHDRAWN
DIG	N/A	CRD-SW			NO/Yes	2922	CRD GROUP 6/7 DEVIATION FAULT
DIG		CRD-SW1			Off/On	3007	CRD MANUAL MODE
DIG		CRD-SW2			Off/On	3008	CRD AUTOMATIC MODE
DIG		CRD-SW3			Off/On	3009	CRD SEQUENCE OVERRIDE
DIG		CRD-SW4			Norm/Trip	3010	<del>CRD REACTOR TRIP CONFIRM</del> BOTH AC & LOW AC SWAY GRABBERS TRIP
DIG		CRD-SW5			No/Yes	3011	CRD OUT INHIBIT
DIG		CRD-SW6			No/Yes	3012	CRD ASSYMETRIC ROD
DIG		CRD-SW7			No/Yes	3013	CRD SAFETY RODS NOT WITHDRAWN
DIG		CRD-SW8			No/Yes	3-14	CRD SEQUENCE FAULT
DIG		CRD-SW9			No/Yes	3015	CRD DIRECTION FAULT
DIG		CRD-SW10			No/Yes	3016	CRD PROG LAMP FAULT
CMP		ROD			No/Yes	3601	DILUTION START CONDITION
CMP		ROD			No/Yes	3602	DILUTION STOP CONDITION
CMP	N/A	ROD	N/A	N/A	Norm/Alrm	3603	ASSYMETRIC ROD CONDITION





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	M/DF-P-2A	N/A	N/A	NORM/TRIP	2738	D-G ROOM AIR CPRSR DF-P-2A
DIG	N/A	M/DF-P-2B	N/A	N/A	NORM/TRIP	2739	D-G ROOM AIR CPRSR DF-P-2B
DIG	N/A	M/DF-P-2C	N/A	N/A	NORM/TRIP	2740	D-G ROOM AIR CPRSR DF-P-2C
DIG	N/A	M/DF-P-2D	N/A	N/A	NORM/TRIP	2741	D-G ROOM AIR CPRSR DF-P-2D
SOE	N/A	G2-12	N/A	N/A	NORM/TRIP	3106	EMER DG A BKR
SOE	N/A	G22-12	N/A	N/A	NORM/TRIP	3107	EMER DG B BKR
SOE	N/A	OP1/OP2	N/A	N/A	NORM/TRIP	3156	DIESEL DF-X-1A LUBEOIL PRESS LOW
SOE	N/A	OP1/OP2	N/A	N/A	NORM/TRIP	3157	DIESEL DF-X-1B LUBEOIL PRESS LOW
SOE	N/A	5E	N/A	N/A	NORM/TRIP	3158	<del>DIESEL GEN DF-X-1A FAULT</del>
SOE	N/A	5E	N/A	N/A	NORM/TRIP	3159	DIESEL GEN DF-X-1A FAULT

*Emergency stop  
Relay will open  
normal stop  
if fuel  
pressure*

*Can't stop if  
fuel OK  
for  
ES*

DIESEL

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50MA	DH-PT-464	135PSI		0-600PSI	115	DECAY HT REM PMP 1A DISH PRESS
ANL	10-50MA	DH-PT-466	135PSI		0-600PSI	116	DECAY HT REM PMP 1B DISH PRESS
ANL	100 $\Omega$ RTD	DHP 50A-TE2	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	336	DHP A PMP BRG TEMP MTR END
ANL	100 $\Omega$ RTD	DHP 50B-TE4	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	337	DHP B PMP BRG TEMP
ANL	100 $\Omega$ RTD	DHP 50A-TE1	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	338	DHP A PMP BRG TEMP
ANL	100 $\Omega$ RTD	DHP 50B-TE3	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	339	DHP B PMP BRG TEMP
ANL	100 $\Omega$ RTD	DHP 51A-TE1	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	340	DHP A MTR BRG TEMP
ANL	100 $\Omega$ RTD	DHP 51B-TE3	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	341	DHP B MTR BRG TEMP
ANL	100 $\Omega$ RTD	DHP-51A-TE2	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	342	DHP A MTR BRG TEMP
ANL	100 $\Omega$ RTD	DHP51B-TE4	N/A	160 <sup>0</sup> F	40-190 <sup>0</sup> F	343	DHP B MTR BRG TEMP
ANL	100 $\Omega$ RTD	DHP 52A-TE6	N/A	266 <sup>0</sup> F	40-300 <sup>0</sup> F	1666	DECAY HT PMP A MOTOR STATOR
ANL	100 $\Omega$ RTD	DHP 52B-TE6	N/A	266 <sup>0</sup> F	40-300 <sup>0</sup> F	1667	DECAY HT PMP B MOTOR STATOR
ANL	+ 100MV	DH3-LT1	53.4Ft	54.7Ft	0-60Ft	769	DH BOR WTR TANK LVL1 (FT H <sub>2</sub> O)
ANL	+ 100MV	DH3-LT2	53.4Ft	54.7Ft	0-60Ft	770	DH BOR WTR TANK LVL2 (FT H <sub>2</sub> O)
DIG	N/A		N/A	N/A	NORM/LOW	2932	DHP A MOTOR CLG WTR
DIG	N/A		N/A	N/A	NORM/LOW	2933	DHP B MOTOR CLG WTR
DIG	N/A	52A DH-51A	N/A	N/A	NORM/LOW	2934	<del>DHP A MOTOR STATUS</del>







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	T1-1E2	N/A	N/A	NORM/TRIP	3266	4.16KV ESF TIE BUS BRK T1-1E2
DIG	N/A	T1-2E2	N/A	N/A	NORM/TRIP	3267	4.16KV ESF TIE BUS BRK T1-2E2
DIG.	N/A	T1E-2E-2	N/A	N/A	NORM/TRIP	3268	4.16KV ESF TIE BUS BRK T1E-2E2
DIG	N/A	T2E-1E-2	N/A	N/A	NORM/TRIP	3269	4.16KV ESF TIE BUS BRK T2E-1E2
DIG	N/A	T1E-3E-2	N/A	N/A	NORM/TRIP	3270	4.16KV ESF TIE BUS BRK T1E-3E2
DIG	N/A	T2E-4E-2	N/A	N/A	NORM/TRIP	3271	4.16KV ESF TIE BUS BRK T2E-4E2
DIG	N/A	T3E-4E-2	N/A	N/A	NORM/TRIP	3272	4.16KV ESF TIE BUS BRK T3E-4E2
DIG	N/A	T4E-3E-2	N/A	N/A	NORM/TRIP	3273	4.16KV ESF TIE BUS BRK T4E-3E2
DIG	N/A	T-56-2	N/A	N/A	NORM/TRIP	3274	4.16KV TIE BUS BRK T-56-2
DIG	N/A	T-57-2	N/A	N/A	NORM/TRIP	3275	4.16KV TIE BUS BRK T-57-2
DIG	N/A	T-68-2	N/A	N/A	NORM/TRIP	3276	4.16KV TIE BUS BRK T-68-2
DIG	N/A	T-78-2	N/A	N/A	NORM/TRIP	3277	4.16KV TIE BUS BRK T-78-2

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	31-3-2	N/A	N/A	NORM/TRIP	2615	480V BUS 2-31-BKR 31-3-2
DIG	N/A	41-4-2	N/A	N/A	NORM/TRIP	2616	480V BUS 2-41 BKR 41-4-2
DIG	N/A	32-3-2	N/A	N/A	NORM/TRIP	2617	480V BUS 2-32 BKR 32-3-2
DIG	N/A	42-4-2	N/A	N/A	NORM/TRIP	2618	480V BUS 2-42 BKR 42-4-2
DIG	N/A	T-31-41-2	N/A	N/A	NORM/TRIP	2619	480V TIE BUS BKR T-31-41-2
DIG	N/A	T-32-42-2	N/A	N/A	NORM/TRIP	2620	480V TIE BUS BKR T-32-42-2
DIG	N/A	2-31-D	N/A	N/A	ON/OFF	2621	480V MOT CONT CTR 2-31D BKR
DIG	N/A	2-31-A	N/A	N/A	ON/OFF	2622	480V MOT CONT CTR 2-31A BKR
DIG	N/A	2-31-B	N/A	N/A	ON/OFF	2623	480V MOT CONT CTR 2-31B BKR
DIG	N/A	2-31-G	N/A	N/A	ON/OFF	2624	480V MOT CONT CTR 2-31G BKR
DIG	N/A	2-31-C	N/A	N/A	ON/OFF	2625	480V MOT CONT CTR 2-31C BKR
DIG	N/A	2-41-A	N/A	N/A	ON/OFF	2626	480V MOT CONT CTR 2-41A BKR
DIG	N/A	2-41-B	N/A	N/A	ON/OFF	2627	480V MOT CONT CTR 2-41B BKR
DIG	N/A	2-41-C	N/A	N/A	ON/OFF	2628	480V MOT CONT CTR 2-41C BKR
DIG	N/A	2-32-A	N/A	N/A	ON/OFF	2629	<del>480V MOT CONT CTR 2-32A BKR</del> 52A
DIG	N/A	2-32-B	N/A	N/A	ON/OFF	2630	480V MOT CONT CTR 2-32B BKR
DIG	N/A	2-42-A	N/A	N/A	ON/OFF	2631	480V MOT CONT CTR 2-42A BKR

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	2-42-B	N/A	N/A	ON/OFF	2632	480V MOT CONT CTR 2-42B BKR
DIG	N/A	2-42-C	N/A	N/A	ON/OFF	2633	480V MOT CONT CTR 2-42C BKR
DIG	N/A	71-7-2	N/A	N/A	NORM/TRIP	2634	480V BUS 2-71 BKR 71-7-2
DIG	N/A	T-71-81-2	N/A	N/A	NORM/TRIP	2635	480V TIE BUS BKR T-71-81-2
DIG	N/A	81-8-2	N/A	N/A	NORM/TRIP	2636	480V BUS 2-81 BKR 81-8-2
DIG	N/A	51-5-2	N/A	N/A	NORM/TRIP	2637	480V BUS 2-51 BKR 51-5-2
DIG	N/A	61-6-2	N/A	N/A	NORM/TRIP	2638	480V BUS 2-61 BKR 61-6-2
DIG	N/A	2-11EA	N/A	N/A	NORM/TRIP	2643	480V ES MONT CONT CTR 2-11EA BKR
DIG	N/A	2-11-EB	N/A	N/A	ON/OFF	2644	480V MOT CONT CTR 2-11EB BKR
DIG	N/A	2-11-EC	N/A	N/A	ON/OFF	2645	480V MOT CONT CTR 2-11EC BKR
DIG	N/A	2-21-EA	N/A	N/A	ON/OFF	2646	480V MOT CONT CTR 2-21EA BKR
DIG	N/A	2-21-EB	N/A	N/A	ON/OFF	2647	480V MOT CONT CTR 2-21EB BKR
DIG	N/A	2-21-EC	N/A	N/A	ON/OFF	2648	480V MOT CONT CTR 2-21EC BKR
DIG	N/A	34-3-2	N/A	N/A	NORM/TRIP	2670	480V BUS 2-34 BKR 34-3-2
DIG	N/A	44-4-2	N/A	N/A	NORM/TRIP	2671	480V BUS 2-44 BKR 44-4-2
DIG	N/A	2-12XD	N/A	N/A	NORM/TRIP	2672	480V MOT CONT CTR 2-12XD BKR
DIG	N/A	2-22XD	N/A	N/A	NORM/TRIP	2673	480V MOT CONT CTR 2-22XD BKR



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	33-3-4	N/A	N/A	ON/OFF	2687	480V CRD BKR 33-3-2
DIG	N/A	43-4-2	N/A	N/A	ON/OFF	2688	480V CRD BKR 43-4-2
DIG	N/A	31E-3E2	N/A	N/A	NORM/TRIP	2689	480V ESF BUS 2-31E BKR 31E-3E2
DIG	N/A	41E-4E2	N/A	N/A	NORM/TRIP	2690	480V ESF BUS 2-41E BKR 41E-4E2
DIG	N/A	72-7-2	N/A	N/A	NORM/TRIP	2691	480V BUS 2-72BKR 72-7-2
DIG	N/A	82-8-7	N/A	N/A	NORM/TRIP	2692	480V BUS 2-82 BKR 82-8-2
DIG	N/A	36-3-2	N/A	N/A	NORM/TRIP	2698	480V BUS 2-36 BKR 36-3-2
DIG	N/A	46-4-2	N/A	N/A	NORM/TRIP	2699	480V BUS 2-46 BKR 46-4-2
DIG	N/A	47-4-2	N/A	N/A	NORM/TRIP	2700	480V BUS 2-47 BKR 47-4-2
DIG	N/A	35-3-2	N/A	N/A	NORM/TRIP	2701	480V BUS 2-35 BKR 35-3-2
DIG	N/A	45-4-2	N/A	N/A	NORM/TRIP	2702	480V BUS 2-45 BKR 45-4-2
DIG	N/A	37-3-2	N/A	N/A	NORM/TRIP	2703	480V BUS 2-37 BKR 37-3-2
SOE	N/A	11E-1E2	N/A	N/A	NORM/TRIP	3063	480V ESF BUS 2-11E BKR 11E-1E2
SOE	N/A	21E-2E2	N/A	N/A	NORM/TRIP	3064	480V ESF BUS 2-21E BKR 21-E-2E2
SOE	N/A	12E-1E2	N/A	N/A	NORM/TRIP	3065	480V ESF BUS 2-12E BKR 12E-1E2
SOE	N/A	22E-2E2	N/A	N/A	NORM/TRIP	3066	480V ESF BUS 2-22E BKR 22E-2E2
SOE	N/A	T11E-21E2	N/A	N/A	NORM/TRIP	3067	480V ESF TIE BUS BRK T11E-21E2





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	2DC-22E	N/A	N/A	NORM/TRIP	3223	125/250 BUS 2-2DC BKR 2DC-22E
DIG	N/A	1DC-2DC	N/A	N/A	NORM/TRIP	3224	TIE BUS BKR 1DC-2DC
DIG	N/A	2DC-1DC	N/A	N/A	ON/OFF	3225	TIE BUS BKR 2DC-1DC
DIG	N/A	1DC-5B1	N/A	N/A	ON/OFF	3287	BUS 2-1DC BKR 1DC-5B1
DIG	N/A	1DC-12E	N/A	N/A	NORM/TRIP	3288	BUS 2-1DC BKR 1DC-12E
DIG	N/A	2DC-5B2	N/A	N/A	ON/OFF	3289	BUS 2-2DC BKR 2DC-5B2

D.C.

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	1,2,+3	N/A	N/A	NORM/TRIP	2674	<del>PRESS HTR GROUP 1-52-UB</del> (CR1)
DIG	N/A	4,5,6	N/A	N/A	NORM/TRIP	2675	PRESS HTR GROUP 2 (CR2)
DIG	N/A	7,8,9	N/A	N/A	NORM/TRIP	2676	PRESS HTR GROUP 3 (CR3)
DIG	N/A	10,11,12	N/A	N/A	NORM/TRIP	2677	PRESS HTR GROUP 4 (CR4)
DIG	N/A	13,MB1,2	N/A	N/A	NORM/TRIP	2678	PRESS HTR GROUP 5 (CR5)
DIG	N/A	3,4,5	N/A	N/A	NORM/TRIP	2679	PRESS HTR GROUP 6 (CR6)
DIG	N/A	6,7,8	N/A	N/A	NORM/TRIP	2680	PRESS HTR GROUP 7 (CR7)
DIG	N/A	9,10,11	N/A	N/A	NORM/TRIP	2681	PRESS HTR GROUP 8 (SCR)
DIG	N/A	12,13, LB1	N/A	N/A	NORM/TRIP	2682	PRESS HTR GROUP 9 (SCR)
DIG	N/A	2,3,4	N/A	N/A	NORM/TRIP	2683	PRESS HTR GROUP 10 (SCR)
DIG	N/A	5,6,7	N/A	N/A	NORM/TRIP	2684	PRESS HTR GROUP 11 (SCR)
DIG	N/A	8,9,10	N/A	N/A	NORM/TRIP	2685	PRESS HTR GROUP 12 (SCR)
DIG	N/A	1,12,13	N/A	N/A	NORM/TRIP	2686	PRESS HTR GROUP 13 (SCR)

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DPT

VARIABLE

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50MA	EF-PT-826	875PSI	N/A	0-2000 lbs	117	EMER FD PMP 1 DISCH PRESS
ANL	10-50MA	EF-PT-1147	875PSI	N/A	0-2000 lbs	118	EMER FD PMP 2A DISCH PRESS
ANL	10-50MA	EF-PT-1150	875PSI	N/A	0-2000 lbs	119	EMER FD PMP 2B DISCH PRESS
ANL	100 Ω RTD	EF-TE-4447	N/A	180°F	70-220°F	1651	EMER FWP 1 INBD BRG
ANL	100 Ω RTD	EF-TE-4448	N/A	180°F	70-220°F	1652	EMER FWP 1 THR BRG
ANL	100 Ω RTD	EF-TE-4439	N/A	180°F	70-220°F	1653	EMER FWP 2A INBD BRG
ANL	100 Ω RTD	EF-TE-4440	N/A	180°F	70-220°F	1654	EMER FWP 2A THR BRG
ANL	100 Ω RTD	EF-TE-4438	N/A	180°F	70-220°F	1655	EMER FWP 2A MOT INBD BRG
ANL	100 Ω RTD	EF-TE-4436	N/A	180°F	70-220°F	1656	EMER FWP 2A MOT OUTBD BRG
ANL	100 Ω RTD	EF-TE-4437	N/A	220°F	0-400°F	1657	EMER FWP 2A MOT STATOR
ANL	100 Ω RTD	EF-TE-4444	N/A	180°F	70-220°F	1658	EMER FWP 2B INBD BRG
ANL	100 Ω S/D	EF-TE-4445	N/A	180°F	70-220°F	1659	EMER FWP 2B THR BRG
ANL	100 Ω RTD	EF-TE-4443	N/A	180°F	70-220°F	1660	EMER FWP 2B MOT INBD BRG
ANL	100 Ω RTD	EF-TE-4441	N/A	180°F	70-220°F	1661	EMER FWP 2B MOT OUTBD BRG
ANL	100 Ω RTD	EF-TE-4442	N/A	220°F	0-400°F	1662	EMER FWP 2B MOT STATOR
N/A		30T	N/A	N/A	NORM/TRIP	3104	<del>EMER FWP PMP 2A</del>
N/A		30T	N/A	N/A	NORM/TRIP	3105	EMER FW PMP EF-P-2B





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50 mA	NR-PT-340	7.5	N/A	0-100 psig	162	Nuc Svce Pmp 1A Misch Press
ANL	10-50 mA	NR-PT-341	7.5	N/A	0-100 Psig	163	Nuc Svce Pmp 1B Disch Press
ANL	10-50 mA	NR-PT-342	7.5	N/A	0-100 psig	164	Nuc Svce Pmp 1C Disch Press
ANL	10-50 mA	NR-PT-343	7.5	N/A	0-100 psig	165	Nuc Svce Pmp 1D Disch Press
ANL	10-50 mA	NR-PT-344	7.5	N/A	0-100 psig	166	NS Pmp 1A & 1B Hdr Disch Press
ANL	10-50 mA	NR-PT-345	7.5	N/A	0-100 psig	167	NS Pmp 1C & 1D Hdr Disch Press
ANL	10-50 mA	NR-TT-375	N/A	N/A	20-220°F	917	NSRW Pump 1C & 1D Disch Temp
ANL	10-50 mA	NR-TT-379	N/A	N/A	20-220°F	918	NS Wtr Fr NS Clr 1A Temp
ANL	10-50 mA	NR-TT-380	N/A	N/A	20-220°F	919	NS Wtr Fr NS Clr 1B Temp
ANL	10-50 mA	NR-TT-382	N/A	N/A	20-220°F	920	NS Wtr Fr Decay HT Clr 1A temp
ANL	10-50 mA	NR-TT-384	N/A	N/A	20-220°F	921	NS Wtr Fr Decay Ht Clr 1B Temp
ANL	10-50 mA	NR-TT-385	N/A	N/A	20-220°F	922	NS Wtr Fr Intmd Svce Clr 1A Temp
ANL	10-50 mA	NR-TT-386	N/A	N/A	20-220°F	923	NS Wtr Fr Intmd Svce Clr 1B Temp
ANL	10-50 mA	NR-TT-387	N/A	N/A	20-220°F	924	NS Riv Wtr Pmp 1A & 1B Disch Temp
ANL	100 RTD	NR-TE-7274	N/A	180°F	70-220°F	1617	NR Wtr Pmp 1A Thr Brg
ANL	100 RTD	NR-TE-7273	N/A	180°F	70-220°F	1618	NR Wtr Pmp 1A Mot Outbd Brg
ANL	100 RTD	NR-TE-7275	N/A	220°F	0-400°F	1619	NR Wtr Pmp 1A Mot Winding

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	NR-TE- 7272	N/A	180°F	70-220°F	1620	NR Wtr Pmp 1A Mot Inbd Brg
ANL	100 RTD	NR-TE- 7278	N/A	180°F	70-220°F	1621	NR Wtr Pmp 1B Thr Brg
ANL	100 RTD	NR-TE- 7277	N/A	180°F	70-220°F	1622	NR Wtr Pmp 1B Mot Outbd Brg
ANL	100 RTD	NR-TE- 7279	N/A	220°F	0-400°F	1623	NR Wtr Pmp 1B Mot Winding
ANL	100 RTD	NR-TE- 7276	N/A	180°F	70-220°F	1624	NR Wtr Pmp 1B Mot Inbd Brg
ANL	100 RTD	NR-TE- 7282	N/A	180°F	70-220°F	1625	NR Wtr Pmp 1C Thr Brg
ANL	100 RTD	NR-TE- 7281	N/A	180°F	70-220°F	1626	NR Wtr Pmp 1C Mot Outbd Brg
ANL	100 RTD	NR-TE- 7283	N/A	220°F	0-400°F	1627	NR Wtr Pmp 1C Mot Winding
ANL	100 RTD	NR-TE- 7280	N/A	180°F	70-220°F	1628	NR Wtr Pmp 1C Mot Inbd Brg
ANL	100 RTD	NR-TE- 7286	N/A	180°F	70-220°F	1629	NR Wtr Pmp 1D Thr Brg
ANL	100 RTD	NR-TE- 7285	N/A	180°F	70-220°F	1630	NR Wtr Pmp 1D Mot Outbd Brg
ANL	100 RTD	NR-TE- 7287	N/A	220°F	0-400°F	1631	NR Wtr Pmp 1D Mot Winding
ANL	100 RTD	NR-TE- 7284	N/A	180°F	70-220°F	1632	NR Wtr Pmp 1D Mot Inbd Brg
DIG	N/A	30T	N/A	N/A	Norm/Trip	2744	<del>Nuc Svce River Wtr Pmp NR-P-1A</del>
DIG	N/A	30T	N/A	N/A	Norm/Trip	2745	Nuc Svce River Wtr Pmp NR-P-1B
DIG	N/A	30T	N/A	N/A	Norm/Trip	2746	Nuc Svce River Wtr Pmp NR-P-1C
DIG	N/A	30T	N/A	N/A	Norm/Trip	2747	Nuc Svce River Wtr Pmp NR-P-1D





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50-mA	NS-PT-526	10 psig	N/A	0-30psig	168	NS CL Clg Pump Suct Hdr Press
ANL	10-50-mA	NS-PT-527	65 psig	N/A	0-100 psig	169	NS CL Clg Pump Disch Hdr Press
ANL	10-50-mA	NS-TT-553	N/A	N/A	20-150°F	925	NS CL Clg Pump Disch Temp
ANL	10-50-mA	NS-TT-554	N/A	N/A	20-150°F	926	Inl Wtr to NS Clrs 1A & 1B Temp
ANL	100 RTD	NS-TE-529	N/A	N/A	0-150°F	997	NSCC Wtr Htr 1A out Temp
ANL	100 RTD	NS-TE-530	N/A	N/A	0-150°F	998	NSCC Wtr Htr 1B Out Temp
ANL	100 RTD	NS-TE-540	N/A	105°F	0-150°F	999	NSCC RC Evap Out Temp
ANL	100 RTD	NS-TE-551	N/A	105°F	0-150°F	1000	NSCC Instr Air Cprsr & Mot 1A
ANL	100 RTD	NS-TE-552	N/A	105°F	0-150°F	1001	NSCC Instr Air Cprsr & Mot 1B
ANL	100 RTD	NS-TE-1738	N/A	105°F	0-150°F	1002	NSCC WDS Gas Cprsr 1A Seal Clr
ANL	100 RTD	NS-TE-1739	N/A	105°F	0-150°F	1003	NSCC WDS Gas Cprsr 1B Seal Clr
ANL	100 RTD	NS-TE-1415	N/A	160°F	0-200°F	1004	NSCC RC-P-2B Mot Air Clr
ANL	100 RTD	NS-TE-1416	N/A	160°F	0-200°F	1005	NSCC RC-P-2B Lwr Brg Oil Clr
ANL	100 RTD	NS-TE-1417	N/A	160°F	0-200°F	1006	NSCC RC-P-2B Upr Brg Oil Clr
ANL	100 RTD	NS-TE-1418	N/A	160°F	0-200°F	1007	NSCC RC-P-2B Upr Brg Oil Clr
ANL	100 RTD	NS-TE-1419	N/A	160°F	0-200°F	1008	NSCC RD-P-1B Mot Air Clr
ANL	100 RTD	NS-TE-1420	N/A	160°F	0-200°F	1009	NSCC RC-P-1B Lwr Brg Oil Clr



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-+10 VDC	NI 5/6	N/A	N/A	0-125%	6	RP AVERAGE LINEAR POWER (PCT)
ANL	0-+10 VDC	NI 7/8	N/A	N/A	0-125%	7	RP AVERAGE LINEAR POWER (PCT)
ANL	0-+10 VDC		N/A	N/A	0-125%	8	RP AUCTIONEERED AVG LIN POW (PCT)
ANL	0-+10 VDC	RPS-NI-1	N/A	N/A	-1-+6 log CPS	569	RP SOURCE RANGE CH NI1 LVL (LOG CPS)
ANL	0-+10 VDC	RPS-NI-2	N/A	N/A	-1-+6Log CPS	570	RP SOURCE RANGE CH NI2 LVL (LOG CPS)
ANL	0-+10 VDC	RPS-NI-3	N/A	N/A	-11- -3Log Amps	571	RP INTER RANGE CH NI 3 LVL (LOG AMPS)
ANL	0-+10 VDC	RPS-NI-4	N/A	N/A	-11- -3Log Amps	572	RP INTER RANGE CH NI 4 LVL (LOG AMPS)
ANL	0-+10 VDC	RPS-DNI-1	N/A	N/A	-1-+10 DPM	573	RP SOURCE RANGE CH NI 1 SUR (DPM)
ANL	0-+10 VDC	RPS-DNI-2	N/A	N/A	-1-+10DPM	574	RP SOURCE RANGE CH NI 2SUR (DPM)
ANL	0-+10 VDC	RPS-DNI-3	N/A	N/A	-1-+10 DPM	575	RP INTER RANGE CH NI 3 SUR (DPM)
ANL	0-+10 VDC	RPS-DNI-4	N/A	N/A	-1-+10 DPM	576	RP INTER RANGE CH NI 4 SUR (DPM)
ANL	0-+10 VDC	RPS-NI-5	N/A	105%	0-125%	577	RP POWER RANGE CH NI 5 LVL (PCT)
ANL	0-+10 VDC	RPS-NI-6	N/A	105%	0-125%	578	RP POWER RANGE CH NI 6 LVL (PCT)
ANL	0-+10 VDC	RPS-NI-7	N/A	105%	0-125%	579	RP POWER RANGE CH NI 7 LVL (PCT)
ANL	0-+10 VDC	RPS-NI-8	N/A	105%	0-125%	580	RP POWER RANGE CH NI 8 LVL (PCT)
ANL	0-+10 VDC		-10%	+25%	-62.50-+62.50%	581	RP POWER CH NI-5 IMBALANCE (PCT)
ANL	0-+10 VDC		-10%	+25%	-62.50-+62.50%	582	RP POWER CH NI-6 IMBALANCE (PCT)



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-+10 VDC		-10%	+25%	-62.50-+62.50%	583	RP POWER CH NI-7 IMBALANCE (PCT)
ANL	0-+10 VDC		-10%	+25%	-62.50-+62.50%	584	RP POWER CH NI-8 IMBALANCE (PCT)
ANL	0-+10 VDC	RC-3A-PT-1	20 55psig	2255psig	1700-2500psig	585	RP LOOP A RC PRESS 1 NRRW
ANL	0-+10 VDC	RC-3A PT-2	20 55psig	2255psig	1700-2500psig	586	RP LOOP A RC PRESS 2 NRRW
ANL	0-+10 VDC	RC-3B PT-1	20 55psig	2255psig	1700-2500psig	587	RP LOOP B RC PRESS 1 NRRW
ANL	0-+10 VDC	RC-3B PT-2	20 55psig	2255psig	1700-2500psig	588	RP LOOP B RC PRESS 2 NRRW
ANL	0-+10 VDC	RC-4A TE-2	N/A	608 <sup>0</sup> F	520 <sup>0</sup> F-620 <sup>0</sup> F	589	RP LOOP A RC OUTLET TEMP 1 NRRW
ANL	0-+10 VDC	RC-4A TE-3	N/A	608 <sup>0</sup> F	520 <sup>0</sup> F-620 <sup>0</sup> F	590	RP LOOP A RC OUTLET TEMP 2 NRRW
ANL	0-+10 VDC	RC-4B TE-2	N/A	608 <sup>0</sup> F	520-620 <sup>0</sup> F	591	RP LOOP B RC OUTLET TEMP 1 NRRW
ANL	0-+10 VDC	RC-4B TE-3	N/A	608 <sup>0</sup> F	520-620 <sup>0</sup> F	592	RP LOOP B RC OUTLET TEMP 2 NRRW
ANL	0-+10 VDC	RC-14A DPT1	95%	N/A	0-110%	593	RP CH A RC FLOW LOOP A (PCT)
ANL	0-+10 VDC	RC-14B DPT1	95%	N/A	0-110%	594	RP CH A RC FLOW LOOP B (PCT)
ANL	0-+10 VDC	RC-14A DPT2	95%	N/A	0-110%	595	RP CH B RC FLOW LOOP A (PCT)
ANL	0-+10 VDC	RC-14B DPT2	95%	N/A	0-110%	596	RP CH B RC FLOW LOOP B (PCT)
ANL	0-+10 VDC	RC-14A DPT3	95%	N/A	0-110%	597	RP CH C RC FLOW LOOP A (PCT)
ANL	0-+10 VDC	RC-14B DPT3	95%	N/A	0-110%	598	RP CH C RC FLOW LOOP B (PCT)
ANL	0-+10 VDC	RC-14A DPT4	95%	N/A	0-110%	599	RP CH D RC FLOW LOOP A (PCT)



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-+10 VDC	RC-14B DPT4	95%	N/A	0-110%	600	RP CH D RC FLOW LOOP B (PCT)
ANL	0-+10 VDC	RC-14- DPT1	95%	N/A	0-110%	601	RP CH A RC TOTAL FLOW (PCT)
ANL	0-+10 VDC	RC-14- DPT2	95%	N/A	0-110%	602	RP CH B RC TOTAL FLOW (PCT)
ANL	0-+10 VDC	RC-14- DPT3	95%	N/A	0-110%	603	RP CH C RC TOTAL FLOW (PCT)
ANL	0-+10 VDC	RC-14- DPT4	95%	N/A	0-110%	604	RP CH D RC TOTAL FLOW (PCT)
ANL	0-+10 VDC	RC-14A- DPT1	N/A	N/A	0-895.8"H <sub>2</sub> O	605	RP LOOP A RC DELTA PRESS (IN H <sub>2</sub> O)
ANL	0-+10 VDC	RC-14B- DPT1	N/A	N/A	0-895.8"H <sub>2</sub> O	606	RP LOOP B RC DELTA PRESS (IN H <sub>2</sub> O)
ANL	0-+100 MVDC		+10V	N/A	0-+15Volts	607	RP CH A POS SUPPLY OUTPUT (VOLTS)
ANL	0-+100 MVDC		+10V	N/A	0-+15Volts	608	RP CH B POS SUPPLY OUTPUT (VOLTS)
ANL	0-+100 MVDC		+10V	N/A	0-+15Volts	609	RP CH C POS SUPPLY OUTPUT (VOLTS)
ANL	0-+100 MVDC		+10V	N/A	0-+15Volts	610	RP CH D POS SUPPLY OUTPUT (VOLTS)
ANL	0--100 MVDC		N/A	-10V	0- -15Volts	611	RP CH A NEG SUPPLY OUTPUT (VOLTS)
ANL	0--100 MVDC		N/A	-10V	0- -15Volts	612	RP CH B NEG SUPPLY OUTPUT (VOLTS)
ANL	0--100 MVDC		N/A	-10V	0- -15Volts	613	RP CH C NEG SUPPLY OUTPUT (VOLTS)
ANL	0--100 MVDC		N/A	-10V	0- -15Volts	614	RP CH D NEG SUPPLY OUTPUT (VOLTS)
ANL	0-+100 MVDC		N/A	N/A	0-1200Volts	615	RP SOURCE RANGE HV NI-1 (VOLTS)
ANL	0-+100 MVDC		N/A	N/A	0-+1200Volts	616	RP SOURCE RANGE HV NI-2 (VOLTS)

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-+100		+100V	N/A	0-+1200 Volts	617	RP INTER RANGE HV NI 3 (VOLTS)
ANL	0-+100		+100V	N/A	0-+1200 Volts	618	RP INTER RANGE HV NI 4 (VOLTS)
ANL	0-+100		+100V	N/A	0-+1200 Volts	619	RP POWER RANGE HV NI 5 (VOLTS)
ANL	0-+100		+100V	N/A	0-+1200 Volts	620	RP POWER RANGE HV NI 6 (VOLTS)
ANL	0-+100		+100V	N/A	0-+1200 Volts	621	RP POWER RANGE HV NI 7 (VOLTS)
ANL	0-+100		+100V	N/A	0-+1200 Volts	622	RP POWER RANGE HV NI 8 (VOLTS)
ANL	0-+100	N/A	N/A	0	0- -300 Volts	623	RP INT RANGE COMP VLT NI 3 (VOLTS)
ANL	0-+100	N/A	N/A	0	0- -300Volts	624	RP INT RANGE COMP VLT NI 4 (VOLTS)
DIG	N/A	N/A	N/A	N/A	Norm/Trbl	2871	RP CH A POWER SUPPLY
DIG	N/A	N/A	N/A	N/A	Norm/Trbl	2872	RP CH B POWER SUPPLY
DIG	N/A	N/A	N/A	N/A	Norm/Trbl	2873	RP CH C POWER SUPPLY
DIG	N/A	N/A	N/A	N/A	Norm/Trbl	2874	RP CH D POWER SUPPLY
DIG	N/A	N/A	N/A	N/A	Norm/Fail	2875	RP CH A FAN
DIG	N/A	N/A	N/A	N/A	Norm/Fail	2876	RP CH B FAN
DIG	N/A	N/A	N/A	N/A	Norm/Fail	2877	RP CH C FAN
DIG	N/A	N/A	N/A	N/A	Norm/Fail	2878	RP CH D FAN
DIG	N/A	N/A	N/A	N/A	Norm/Fail	2879	RP SUR BYPASS (CH NI 5)

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A		N/A	N/A	Norm/Fail	2880	<del>RP SUR BYPASS (CH NI 6)</del> <i>10% Pwr for</i>
DIG	N/A		N/A	N/A	Norm/Fail	2881	RP SUR BYPASS (CH NI 7) <i>Believe the Power Range</i>
DIG	N/A		N/A	N/A	Norm/Fail	2882	RP SUR BYPASS (CH NI 8) <i>KIR HV</i>
DIG	N/A		N/A	N/A	Norm/Trbl	2883	RP CH A RCP CONT MON PS VOLTS
DIG	N/A		N/A	N/A	Norm/Trbl	2884	RP CH B RCP CONT MON PS VOLTS
DIG	N/A		N/A	N/A	Norm/Trbl	2885	RP CH C RCP CONT MON PS VOLTS
DIG	N/A		N/A	N/A	Norm/Trbl	2886	RP CH D RCP CONT MON PS VOLTS
DIG	N/A		N/A	N/A	Norm/Trip	2887	<del>RP CH A RC HI PRESS</del> <i>RC-3A-PT1 + H.B.T.</i>
DIG	N/A		N/A	N/A	Norm/Trip	2888	RP CH B RC HI PRESS
DIG	N/A		N/A	N/A	Norm/Trip	2889	RP CH C RC HI PRESS
DIG	N/A		N/A	N/A	Norm/Trip	2890	RP CH D RC HI PRESS
DIG	N/A		N/A	N/A	Norm/Trip	2891	<del>RP CH A RC LO PRESS</del> <i>RC-3A-PT1 + Low B.T.</i>
DIG	N/A		N/A	N/A	Norm/Trip	2892	RP CH B RC LO PRESS
DIG	N/A		N/A	N/A	Norm/Trip	2893	RP CH C RC LO PRESS
DIG	N/A		N/A	N/A	Norm/Trip	2894	RP CH D RC LO PRESS
DIG	N/A		N/A	N/A	Norm/Trip	2895	RP CH A PRESS - TEMP
DIG	N/A		N/A	N/A	Norm/Trip	2896	RP CH B PRESS - TEMP



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A		N/A	N/A	Norm/Trip	2897	RP CH C PRESS - TEMP
DIG	N/A		N/A	N/A	Norm/Trip	2898	RP CH D PRESS - TEMP
DIG	N/A		N/A	N/A	Norm/Trip	2899	RP CH A OVERPOWER
DIG	N/A		N/A	N/A	Norm/Trip	2900	RP CH B OVERPOWER
DIG	N/A		N/A	N/A	Norm/Trip	2901	RP CH C OVERPOWER
DIG	N/A		N/A	N/A	Norm/Trip	2902	RP CH D OVERPOWER
DIG	N/A		N/A	N/A	Norm/Trip	2903	RP CH A POWER/BALANCE/FLOW
DIG	N/A		N/A	N/A	Norm/Trip	2904	RP CH B POWER/BALANCE/FLOW
DIG	N/A		N/A	N/A	Norm/Trip	2905	RP CH C POWER/BALANCE/FLOW
DIG	N/A		N/A	N/A	Norm/Trip	2906	RP CH D POWER/BALANCE/FLOW
DIG	N/A		N/A	N/A	Norm/Trip	2907	RP CH A POWER /PUMPS
DIG	N/A		N/A	N/A	Norm/Trip	2908	RP CH B POWER/PUMPS
DIG	N/A		N/A	N/A	Norm/Trip	2909	RP CH C POWER/PUMPS
DIG	N/A		N/A	N/A	Norm/Trip	2910	RP CH D POWER/PUMPS
DIG	N/A		N/A	N/A	Norm/Trip	2911	<del>RP REACTOR PROTECTION CH A</del>
DIG	N/A		N/A	N/A	Norm/Trip	2912	RP REACTOR PROTECTION CH B
DIG	N/A		N/A	N/A	Norm/Trip	2913	RP REACTOR PROTECTION CH C



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A		N/A	N/A	Norm/Trip	2914	RP REACTOR PROTECTION CH D
DIG	N/A		N/A	N/A	Norm/Trip	2915	RP CH A RC HI TEMPERATURE
DIG	N/A		N/A	N/A	Norm/Trip	2916	RP CH B RC HI TEMPERATURE
DIG	N/A		N/A	N/A	Norm/Trip	2917	RP CH C RC HI TEMPERATURE
DIG	N/A		N/A	N/A	Norm/Trip	2918	RP CH D RC HI TEMPERATURE
DIG	N/A		N/A	N/A	Norm/High	3003	<del>RP CH A RCTR BLDG PRESS</del> <i>BS-PS-3570 3.58 psi</i>
DIG	N/A		N/A	N/A	Norm/High	3004	RP CH B RCTR BLDG PRESS
DIG	N/A		N/A	N/A	Norm/High	3005	RP CH C RCTR BLDG PRESS
DIG	N/A		N/A	N/A	Norm/High	3006	RP CH D RCTR BLDG PRESS
SOE	N/A	BS-PS-3570	N/A	N/A	Norm/High	3167	4 PSI RB PRESS RED CH TRIP
SOE	N/A	BS-PS-3571	N/A	N/A	Norm/High	3168	4 PSI RB PRESS GRN CH TRIP
SOE	N/A	BS-PS-3572	N/A	N/A	Norm/High	3169	4 PSI RB PRESS YEL CH TRIP
SOE	N/A	BS-PS-3573	N/A	N/A	Norm/High	3170	4 PSI RB PRESS BLUE CH TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3171	<del>REACTOR MANUAL TRIP</del>
SOE	N/A		N/A	N/A	Norm/High	3175	<del>RP RED CH RC HI PRESS TRIP</del> <i>with RC-3A-PT1 + HLG</i>
SOE	N/A		N/A	N/A	Norm/High	3176	RP GREEN CH RC HI PRESS TRIP
SOE	N/A		N/A	N/A	Norm/High	3177	RP YELLOW CH RC HI PRESS TRIP

Point Type	Input Range	Point Source	Low Alarm	Hfgh Alarm	Engr Range Units	Point No.	Point Descriptor
SOE	N/A		N/A	N/A	Norm/High	3178	RP BLUE CH RC HI PRESS TRIP
SOE	N/A		N/A	N/A	Norm/Low	3179	<del>RP RED CH RC LOW PRESS TRIP</del> <i>on the RC3A-RTI + Low RTI</i>
SOE	N/A		N/A	N/A	Norm/Low	3180	RP GREEN CH RC LOW PRESS TRIP
SOE	N/A		N/A	N/A	Norm/Low	3181	RP YELLOW CH RC LOW PRESS TRIP
SOE	N/A		N/A	N/A	Norm/Low	3182	RP BLUE CH RC LOW PRESS TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3183	RP RED CH PRESS - TEMP TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3184	RP GREEN CH PRESS- TEMP TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3185	RP YELLOW CH PRESS - TEMP TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3186	RP BLUE CH PRESS - TEMP TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3187	RP RED CH OVERPOWER TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3188	RP GREEN CH OVERPOWER TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3189	RP YELLOW CH OVERPOWER TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3190	RP BLUE CH OVERPOWER TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3191	RP RED CH PWR/BAL/FL TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3192	RP GREEN CH PWR/BAL/FL TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3193	RP YELLOW CH PWR/BAL/FL TRIP
SOE	N/A		N/A	N/A	Norm/Trip	3194	RP BLUE CH PWR/BAL/FL TRIP







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	-100+ +100MVDC	RC1- LT1	N/A	N/A	938.5-0.0	386	RC PRESSURIZER WTR LVL 1 (DP)
ANL	-100+ +100MVDC	RC1- LT2	N/A	N/A	938.5-0	387	RC PRESSURIZER WTR LVL 2 (DP)
ANL	-100- +100MVDC	RC1- LT3	N/A	N/A	938.5-0	388	RC PRESSURIZER WTR LVL 3 (DP)
ANL	-100- +100MVDC	RC2- M5	N/A	+662.0	0-700.0	389	RC PRESSURIZER TEMP
ANL	-100- +100MVDC	RC4A- M5	N/A	+612.0	520.0-620.0	390	RC LOOP A OUTLET TEMP
ANL	-100- +100MVDC	RC4B- M5	N/A	+612.0	520.0-620.0	391	RC LOOP B OUTLET TEMP
ANL	-100- +100MVDC	RC5A- TT1	N/A	N/A	520.0-620.0	392	RC LOOP A INLET TEMP NARROW 1
ANL	-100- +100MVDC	RC5A- TT3	N/A	N/A	520.0-620.0	393	RC LOOP A INLET TEMP NARROW 2
ANL	-100- +100MVDC	RC5A- MS1	N/A	N/A	50.0-650.0	394	RC LOOP A INLET TEMP WIDE 2
ANL	-100- +100MVDC	RC5B- TT1	N/A	N/A	520.0-620.0	395	RC LOOP B INLET TEMP NARROW 1
ANL	-100- +100MVDC	RC5B- TT3	N/A	N/A	520.0-620.0	396	RC LOOP B INLET TEMP NARROW 2
ANL	-100- +100MVDC	RC5B- MS1	N/A	N/A	50-650	397	RC LOOP B INLET TEMP WIDE 2
ANL	-100- +100MVDC	RC3A- PT3	1600 1750	2255	0-2500	398	RC LOOP A WIDE RANGE PRESSURE
ANL	-100- +100MVDC	RC3A- PT4	1600 1750	2255	0-2500	399	RC LOOP A WIDE RANGE PRESSURE
ANL	0-10VDC	RC3A- PT3	1600 1750	2255	0-2500	400	RC LOOP B WIDE RANGE PRESSURE
ANL	0-10VDC	RC9- TE	N/A	N/A	0-700	401	RC PRESSURIZER SURGE LINE TEMP
ANL	0-10VDC	RC10- TE1	N/A	200.	0-700	402	RC PRESS REL VLV RV2 OUT TEMP

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL		RC10-TE2	N/A	200	0-700	403	<del>RC PRESS-REL-VLV-RV1A-OUT-TEMP</del>
ANL		RC10-TE3	N/A	200	0-700	404	<del>RC PRESS-REL-VLV-RV1B-OUT-TEMP</del>
ANL		RC11-TE	450	N/A	0-700	405	RC PRESSURIZER SPRAY LINE TEMP
CMP	N/A	Calc	200	260	0-400	1682	PLVL RC PRESSURIZER LEVEL (IN H <sub>2</sub> O)
CMP	N/A	Calc	N/A	N/A	0-80	1687	RCFA RP LOOP A RC FLOW (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1688	RCFB RP LOOP B RC FLOW (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1689	RCAA RP CH A RC FLOW A (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1690	RCAB RP CH A RC FLOW B (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1691	RCBA RP CH B RC FLOW A (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1692	RCBB RP CH B RC FLOW B (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1693	RCCA RP CH C RC FLOW A (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1694	RCCB RP CH C RC FLOW B (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1695	RCDA RP CH D RC FLOW A (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1696	RCDB RP CH D RC FLOW B (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-160	1697	RCAT RP CH A RC TOT FL (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-160	1698	RCBT RP CH B RC TOT FL (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-160	1699	RCCT RP CH C RC TOT FL (MLB/HR)

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
CMP	N/A	Calc	N/A	N/A	0-160	1700	RCDT RP CH'D RC TOT FL (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-700	1701	TOUT AVG REACTOR OUTLET TEMP
CMP	N/A	Calc	N/A	N/A	0-700	1702	TINA 5L REACTOR INLET TEMP A
CMP	N/A	Calc	N/A	N/A	0-700	1703	TINB 5L REACTOR INLET TEMP B
CMP	N/A	Calc	N/A	N/A	0-700	1704	TINA1 5L TEMP REACTOR INLET A1
CMP	N/A	Calc	N/A	N/A	0-700	1705	TINA2 5L TEMP REACTOR INLET A2
CMP	N/A	Calc	N/A	N/A	0-700	1706	TINB1 5L TEMP REACTOR INLET B1
CMP	N/A	Calc	N/A	N/A	0-700	1707	TINB2 5L TEMP REACTOR INLET B2
CMP	N/A	Calc	N/A	N/A	0-700	1710	TAVG UNIT AVG TEMPERATURE
CMP	N/A	Calc	N/A	N/A	0-2500	1711	RCP AVE RC PRESSURE
CMP	N/A	Calc	N/A	N/A	0-160	1712	RCFT AVG TOTAL RC FLOW (MLB/HR)
CMP	N/A	Calc	N/A	N/A	50-650	1713	TOUTA AVG TEMP REACTOR OUTLET A
CMP	N/A	Calc	N/A	N/A	50-650	1714	TOUTB AVG TEMP REACTOR OUTLET B
CMP	N/A	Calc	N/A	N/A	0-80	1715	WRCA AVG RC FLOW A (MLB/HR)
CMP	N/A	Calc	N/A	N/A	0-80	1716	WRCB AVG RC FLOW B (MLB/HR)
CMP	N/A	Calc	-100.0	+100.0	-150-+150	1720	HORCR HEAT/COOL RATE (DEGF/HR)
CMP	N/A	Calc	N/A	N/A	-100-+100.0	1721	ELP1 ERROR POWER RANGE CH1







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	RCP51- TE1A	N/A	122	0-200	422	RCP 1A AIR TEMP (DEG F)
ANL	100 RTD	RCP51- TE2A	N/A	122	0-200	423	RCP 2A AIR TEMP (DEG F)
ANL	100 RTD	RCP51- TE3A	N/A	122	0-200	424	RCP 1B AIR TEMP (DEG F)
ANL	100 RTD	RCP51- TE4A	N/A	122	0-200	425	RCP 2B AIR TEMP (DEG F)
ANL	100 RTD	RCP55- TE2A	N/A	195	0-200	426	RCP 1A DNTHRUST BRG TEMP
ANL	100 RTD	RCP55- TE4A	N/A	195	0-200	427	RCP 2A DNTHRUST BRG TEMP
ANL	100 RTD	RCP55- TE6A	N/A	195	0-200	428	RCP 2B DNTHRUST BRG TEMP
ANL	100 RTD	RCP55- TE8A	N/A	195	0-200	429	RCP 1B DNTHRUST BRG TEMP
ANL	100 RTD	RCP54- TE2A	N/A	195	0-200	430	RCP 1A UP THRUST BRG TEMP
ANL	100 RTD	RCP54- TE4A	N/A	195	0-200	431	RCP 2A UP THRUST BRG TEMP
ANL	100 RTD	RCP54- TE6A	N/A	195	0-200	432	RCP 2B UP THRUST BRG TEMP
ANL	100 RTD	RCP54- TE8A	N/A	195	0-200	433	RCP 1B UP THRUST BRG TEMP
ANL	100 RTD	RCP53- TE1A	N/A	185	0-200	434	RCP 1A UPPER RADIAL BRG TEMP
ANL	100 RTD	RCP53- TE2A	N/A	185	0-200	435	RCP 2A UPPER RADIAL BRG TEMP
ANL	100 RTD	RCP53- TE3A	N/A	185	0-200	436	RCP 2B UPPER RADIAL BRG TEMP
ANL	100 RTD	RCP53- TE4A	N/A	185	0-200	437	RCP 1B UPPER RADIAL BRG TEMP
ANL	100 RTD	RCP52- TE1A	N/A	185	0-200	438	RCP 1A LOWER RADIAL BRG TEMP

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	RCP52- TE2A	N/A	185	0-200	439	RCP 2A LOWER RADIAL BRG TEMP
ANL	100 RTD	RCP52- TE3A	N/A	185	0-200	440	RCP 2B LOWER RADIAL BRG TEMP
ANL	100 RTD	RCP52- TE4A	N/A	185	0-200	441	RC1B LOWER RADIAL BRG TEMP
ANL	100 RTD	RCP50- TE1	N/A	266	32-392	1670	REAC COOLANT PMP 1A MOT STATOR
ANL	100 RTD	RCP50- TE13	N/A	266	32-392	1671	REACCOOLANT PMP2B MOT STATOR
ANL	100 RTD	RCP50- TE7	N/A	266	32-392	1672	REAC COOLANT PMP 2A MOT STATOR
ANL	100 RTD	RCP50- TE19	N/A	266	32-392	1673	REAC COOLANT PMP 1B MOT STATOR
DIG	N/A	RC- LS1	N/A	N/A	Norm/High	2955	RC PUMP 1A SEAL LEAK TK LVL
DIG	N/A	RC- LS2	N/A	N/A	Norm/High	2956	RC PUMP 2A SEAL LEAK TK LVL
DIG	N/A	RC- LS4	N/A	N/A	Norm/High	2957	RC PUMP 2B SEAL LEAK TK LVL
DIG	N/A	RC- LS4	N/A	N/A	Norm/High	2958	RC PUMP 1B SEAL LEAK TK LVL
DIG	N/A	RC58- FS1	N/A	N/A	Norm/Low	2959	RCP 1A LUBE OIL FLOW
DIG	N/A	RC58- FS3	N/A	N/A	Norm/Low	2960	RCP 2A LUBE OIL FLOW
DIG	N/A	RC58- FS5	N/A	N/A	Norm/Low	2961	RCP 2B LUBE OIL FLOW
DIG	N/A	RC58- FS7	N/A	N/A	Norm/Low	2962	RCP 1B LUBE OIL FLOW
DIG	N/A	<del>RCPA- SW2</del>	N/A	N/A	Norm/Trip	2963	<del>RCP 1A PUMP TRIPPED</del> <i>SR/RC-P-1A</i>
DIG	N/A	RCPB- SW2	N/A	N/A	Norm/Trip	2964	RCP 2A PUMP TRIPPED

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	RCPC-SW2	N/A	N/A	Norm/Trip	2965	RCP 2B PUMP TRIPPED
DIG	N/A	RCPD-SW2	N/A	N/A	Norm/Trip	2966	RCP 1B PUMP TRIPPED
DIG	N/A	RCP56-PS1	N/A	N/A	Norm/Low	2967	<del>RCP 1A OIL LIFT PMP DSCHG PRESS</del>
DIG	N/A	RCP56-PS6	N/A	N/A	Norm/Low	2968	RCP 2A OIL LIFT PMP DSCHG PRESS
DIG	N/A	RCP56-FS11	N/A	N/A	Norm/Low	2969	RCP 2B OIL LIFT PMP DSCHG PRESS
DIG	N/A	RCP56-PS16	N/A	N/A	Norm/Low	2970	RCP 1B OIL LIFT PMP DSCHG PRESS
DIG	N/A	RCP63-SS1	N/A	N/A	Norm/Low	2971	<del>RCP 1A FULL SPEED</del>
DIG	N/A	RCP63-SS3	N/A	N/A	Norm/Low	2972	RCP 2A FULL SPEED
DIG	N/A	RCP63-SS5	N/A	N/A	Norm/Low	2973	RCP 2B FULL SPEED
DIG	N/A	RCP63-SS7	N/A	N/A	Norm/Low	2974	RCP 1B FULL SPEED
DIG	N/A	RCP59-FS1	N/A	N/A	Norm/Low	2975	<del>RCP 1A BACKSTOP OIL FLOW</del>
DIG	N/A	RCP59-FS	N/A	N/A	Norm/Low	2976	RCP 2A BACKSTOP OIL FLOW
DIG	N/A	RCP59-FS	N/A	N/A	Norm/Low	2977	RCP 2B BACKSTOP OIL FLOW
DIG	N/A	RCP59-FS7	N/A	N/A	Norm/Low	2978	RCP 1B BACKSTOP OIL FLOW
DIG	N/A	RCP60-LS1A	N/A	N/A	Norm/High	2979	RCP 1A UPPER OIL POT LVL 1
DIG	N/A	RCP60-LS3A	N/A	N/A	Norm/High	2980	RCP 2A UPPER OIL POT LVL 1
DIG	N/A	RCP60-LS5A	N/A	N/A	Norm/High	2981	RCP 2B UPPER OIL POT LVL 1

1098 RMI

Pump Stop  
Button NotDepressor Since  
RMI



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	RCP60-LS2A	N/A	N/A	Norm/High	2982	RCP 1A UPPER OIL POT LVL 2
DIG	N/A	RCP60-LS4A	N/A	N/A	Norm/High	2983	RCP 2A UPPER OIL POT LVL 2
DIG	N/A	RCP60-LS6A	N/A	N/A	Norm/High	2984	RCP 2B UPPER OIL POT LVL 2
DIG	N/A	RCP60-LS7A	N/A	N/A	Norm/High	2985	RCP 1B UPPER OIL POT LVL 1
DIG	N/A	RCP60-LS8A	N/A	N/A	Norm/Low	2986	RCP 1B UPPER OIL POT LVL 2
DIG	N/A	RCP61-LS1A	N/A	N/A	Norm/High	2987	RCP 1A LOWER OIL POT LVL 3
DIG	N/A	RCP61-LS3A	N/A	N/A	Norm/High	2988	RCP 2A LOWER OIL POT LVL 3
DIG	N/A	RCP61-LS5A	N/A	N/A	Norm/High	2989	RCP 2B LOWER OIL POT LVL 3
DIG	N/A	RCP61-LS7A	N/A	N/A	Norm/High	2990	RCP 1B LOWER OIL POT LVL 3
DIG	N/A	RCP61-LS2A	N/A	N/A	Norm/Low	2991	RCP 1A LOWER OIL POT LVL 4
DIG	N/A	RCP61-LS4A	N/A	N/A	Norm/Low	2992	RCP 2A LOWER OIL POT LVL 4
DIG	N/A	RCP61-LS6A	N/A	N/A	Norm/Low	2993	RCP 2B LOWER OIL POT LVL 4
DIG	N/A	RCP61-LS8A	N/A	N/A	Norm/Low	2994	RCP 1B LOWER OIL POT LVL 4
DIG	N/A	RCP67-V51	N/A	N/A	Norm/High	2995	<del>RCP 1A VIBRASWITCH</del> <sup>RB LOCATION</sup> VIBRASWITCH
DIG	N/A	RCP67-V52	N/A	N/A	Norm/High	2996	RCP 2A VIBRASWITCH
DIG	N/A	RCP67-V53	N/A	N/A	Norm/High	2997	RCP 2B VIBRASWITCH
DIG	N/A	RCP67-V54	N/A	N/A	Norm/High	2998	RCP 1B VIBRASWITCH









Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	-100 +100MVDC	SP1B - MS1	N/A	82.5%	0-100%	1	SP STM GEN B OP RANGE LVL (PCT)
ANL	-100 +100MVDC	SP1A - MS2	24 in	N/A	0-250 in	2	SP STM GEN A S-U RANGE LVL (IN)
ANL	-100 +100MVDC	SP1B - MS2	24 in	N/A	0-250 in	3	SP STM GEN B S-U RANGE LVL (IN)
ANL	-100 +100MVDC	SP1A - LT1	N/A	N/A	0-600 in	4	SP STM GEN A FULL RANGE LVL (IN)
ANL	-100 +100MVDC	SP1B - LT1	N/A	N/A	0-600 in	5	SP STM GEN B FULL RANGE LVL (IN)
ANL	-100 +100MVDC	SP1A - MS1	N/A	82.5%	0-100%	9	SP STM GEN A OP RANGE LVL (PCT)
ANL	TC type E	SP2A - TE1	N/A	N/A	70-600 <sup>0</sup> F	459	SP STM GEN A SHELL TEMP (EL 302)
ANL	TC type E	SP2A - TE2	N/A	N/A	70-600 <sup>0</sup> F	460	SP STM GEN A SHELL TEMP (EL 311)
ANL	TC type E	SP2A - TE3	N/A	N/A	70-600 <sup>0</sup> F	461	SP STM GEN A SHELL TEMP (EL 320)
ANL	TC type E	SP2A - TE4	N/A	N/A	70-600 <sup>0</sup> F	462	SP STM GEN A SHELL TEMP (EL 329)
ANL	TC type E	SP2A - TE5	N/A	N/A	70-600 <sup>0</sup> F	463	SP STM GEN A SHELL TEMP (EL 341)
ANL	TC type E	SP2B - TE1	N/A	N/A	70-600 <sup>0</sup> F	464	SP STM GEN B SHELL TEMP (EL 302)
ANL	TC type E	SP2B - TE2	N/A	N/A	70-600 <sup>0</sup> F	465	SP STM GEN B SHELL TEMP (EL 311)
ANL	TC type E	SP2B - TE3	N/A	N/A	70-600 <sup>0</sup> F	466	SP STM GEN B SHELL TEMP (EL 320)
ANL	TC type E	SP2B - TE4	N/A	N/A	70-600 <sup>0</sup> F	467	SP STM GEN B SHELL TEMP (EL 329)
ANL	TC type E	SP2B - TE5	N/A	N/A	70-600 <sup>0</sup> F	468	SP STM GEN B SHELL TEMP (EL 341)
ANL	-100- +100MVDC	SP3A- MS	N/A	N/A	0-600 <sup>0</sup> F	469	SP STM GEN A DWNCMR TEMP



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	-100- +100MVDC	SP 3B- MS	N/A	N/A	0-600 <sup>o</sup> F	470	SP STM GEN B DWNCMR TEMP
ANL	-100 +100MVDC	SP 4A- TT	N/A	N/A	100-650 <sup>o</sup> F	471	SP MAIN STEAM TEMP A
ANL	-100- +100MVDC	SP4B- TT	N/A	N/A	100-650 <sup>o</sup> F	472	SP MAIN STEAM TEMP B
ANL	+12- +60MVDC	SP6A- MS	860	960	0-1200	473	SP STM GEN A STM PRESS
ANL	+12- +60MVDC	SP6B- MS	860	960	0-1200	474	SP STM GEN B STM PRESS
ANL	-100 +100MVDC	SP7A- DPT	N/A	N/A	0-875in H <sub>2</sub> O	475	SP STARTUP FDWTR FLOW A (IN H <sub>2</sub> O)
ANL	-100 +100MVDC	SP7B- DPT	N/A	N/A	0-882 in H <sub>2</sub> O	476	SP STARTUP FDWTR FLOW B (IN H <sub>2</sub> O)
ANL	-100 +100MVDC	SP8A- MS	N/A	N/A	0-6500KLB/HR	477	SP FDWTR FLOW A FL (KLB/HR)
ANL	-100 +100MVDC	SP8A- MS	N/A	N/A	0-1150 in H <sub>2</sub> O	478	SP FDWTR FLOW A DP (IN H <sub>2</sub> O)
ANL	-100 +100MVDC	SP8B- MS	N/A	N/A	0-6500KLB/HR	479	SP FDWTR FLOW B FL (KLB/HR)
ANL	-100 +100MVDC	SP8B- MS	N/A	N/A	0-1170 in H <sub>2</sub> O	480	SP FDWTR FLOW B DP (IN H <sub>2</sub> O)
ANL	12-60 MVDC	SP10A- PT1	835psi	935psi	600-1200psi	481	SP TURBINE THRITTLE PRESS A1
ANL	12-60 MVDC	SP10B- PT1	835psi	935psi	600-1200psi	482	SP TURBIN THROTTLE PRESS B1
ANL	12-60 MVDC	SP10A- PT2	835psi	935psi	600-1200psi	483	SP TURBINE THROTTLE PRESS A2
ANL	12-60 MVDC	SP10B PT2	N/A	N/A	600-1200psi	484	SP TURBINE THROTTLE PRESS B2
ANL	12-60 MVDC	SP11A- MS	N/A	N/A	0-100psi	485	SP FDWTR V.V TRAIN A DP (PSI)
ANL	12-60 MVDC	SP11B- MS	N/A	N/A	0-100psi	486	SP FDWTR VLV TRAIN B DP (PSI)



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor	
ANL	TC type K	IM-08H-TE	N/A	N/A	0-700	493	IM INCORE T/C 8-H TEMP ✓	
ANL	TC type K	IM-09H-TE	N/A	N/A	0-700	494	9-H	✓
ANL	TC type K	IM-09G-TE	N/A	N/A	0-700	495	9-G	✓
ANL	TC type K	IM-08F-TE	N/A	N/A	0-700	496	8-F	✓
ANL	TC type K	IM-09E-TE	N/A	N/A	0-700	497	9-E	✓
ANL	TC type K	IM-07F-TE	N/A	N/A	0-700	498	7F	✓
ANL	TC type K	IM-07E-TE	N/A	N/A	0-700	499	7E	✓
ANL	TC type K	IM-06G-TE	N/A	N/A	0-700	500	6G	✓
ANL	TC type K	IM-05G-TE	N/A	N/A	0-700	501	5G	✓
ANL	TC type K	IM-05H-TE	N/A	N/A	0-700	502	5H	✓
ANL	TC type K	IM-5K-TE	N/A	N/A	0-700	503	5K	
ANL	TC type K	IM-6L-TE	N/A	N/A	0-700	504	6L	
ANL	TC type K	IM-7M-TE	N/A	N/A	0-700	505	7M	
ANL	TC type K	IM-8N-TE	N/A	N/A	0-700	506	8N	✓
ANL	TC type K	IM-9N-TE	N/A	N/A	0-700	507	9N	
ANL	TC type K	IM-9M-TE	N/A	N/A	0-700	508	9M	✓
ANL	TC type K	IM-10M-TE	N/A	N/A	0-700	509	IM INCORE T/C 10M TEMP ✓	

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor		
ANL	TC type K	IM-11L-TE	N/A	N/A	0-700	510	IM INCORE T/C 11L TEMP ✓		
ANL	TC type K	IM-11K-TE	N/A	N/A	0-700	511		11k	✓
ANL	TC type K	IM-12K-TE	N/A	N/A	0-700	512		12K	
ANL	TC type K	IM-13H-TE	N/A	N/A	0-700	513		13H	✓
ANL	TC type K	IM-13G-TE	N/A	N/A	0-700	514		13G	✓
ANL	TC type K	IM-13F-TE	N/A	N/A	0-700	515		13F	
ANL	TC type K	IM-12F-TE	N/A	N/A	0-700	516		12F	✓
ANL	TC type K	IM-11G-TE	N/A	N/A	0-700	517		11G	✓
ANL	TC type K	IM-11E-TE	N/A	N/A	0-700	518		11E	✓
ANL	TC type K	IM-10D-TE	N/A	N/A	0-700	519		10D	✓
ANL	TC type K	IM-10C-TE	N/A	N/A	0-700	520		10C	
ANL	TC type K	IM-9C-TE	N/A	N/A	0-700	521		9C	✓
ANL	TC type K	IM-8B-TE	N/A	N/A	0-700	522		8B	
ANL	TC type K	IM-7B-TE	N/A	N/A	0-700	523		7B	✓
ANL	TC type K	IM-6C-TE	N/A	N/A	0-700	524		6C	
ANL	TC type K	IM-5D-TE	N/A	N/A	0-700	525		5D	✓
ANL	TC type K	IM-4E-TE	N/A	N/A	0-700	526	IM INCORE T/C 4E TEMP		



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor		
ANL	TC type K	IM-3F-TE	N/A	N/A	0-700	527	IM INCORE T/C	3F	TEMP
ANL	TC type K	IM-2G-TE	N/A	N/A	0-700	528		2G	✓
ANL	TC type K	IM-1H-TE	N/A	N/A	0-700	529		1H	✓
ANL	TC type K	IM-2L-TE	N/A	N/A	0-700	530		2L	
ANL	TC type K	IM-3L-TE	N/A	N/A	0-700	531		3L	✓
ANL	TC type K	IM-3M-TE	N/A	N/A	0-700	532		3M	
ANL	TC type K	IM-4N-TE	N/A	N/A	0-700	533		4N	
ANL	TC type K	IM-50-TE	N/A	N/A	0-700	534		50	
ANL	TC type K	IM-60-TE	N/A	N/A	0-700	535		60	
ANL	TC type K	IM-6P-TE	N/A	N/A	0-700	536		6P	✓
ANL	TC type K	IM-7R-TE	N/A	N/A	0-700	537		7R	
ANL	TC type K	IM-10R-TE	N/A	N/A	0-700	538		10R	
ANL	TC type K	IM-100-TE	N/A	N/A	0-700	539		100	
ANL	TC type K	IM-120-TE	N/A	N/A	0-700	540		120	
ANL	TC type K	IM-14M-TE	N/A	N/A	0-700	541		14M	✓
ANL	TC type K	IM-13L-TE	N/A	N/A	0-700	542		13L	✓
ANL	TC type K	IM-14D-TE	N/A	N/A	0-700	543	IM INCORE T/C	14D	TEMP



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50 MADC	SC-PT-0485	N/A	N/A	0-100	174	SEC SVCE CLR WTR INLET PRESS
ANL	10-50 MADC	SC-PT-0486	25.	N/A	0-60	175	SEC SVCE PUMP SUCTION PRESS
ANL	10-50- MADC	SC-PT-0487	65.	N/A	0-100	176	SEC SVCE PUMP DISCHG PRESS
ANL	10-50 MADC	SC-LT-3412	2.1	6/33	0-8	177	SCC WATER HD TK LEVEL
ANL	10-50 MADC	SC-TT-1730	N/A	140	70-180 Deg F	766	FWP 1A TURB OIL CLR OIL OUT
ANL	10-50 MADC	SC-TT-1728	N/A	140	70-180	767	FWP 1B TURB OIL CLR OIL OUT
ANL	100 RTD	SC-TE-0488	N/A	N/A	0-200	1025	WTR TO SEC SVCE COOLERS
ANL	100 RTD	SC-TE-0503	N/A	150	0-200	1026	WTR FROM SVCE AIR CPRSR SA-P-1A
ANL	100 RTD	SC-TE-1717	N/A	150	0-200	1027	WTR FROM SVCE AIR CPRSR SA-P-1B
ANL	100 RTD	SC-TE-3403	N/A	N/A	0-200	1028	WTR FROM SEC SVCE CLRS
ANL	100 RTD	SC-TE-1723	N/A	115	0-200	1045	GEN COLD GAS TRUB END NEAR END
ANL	100 RTD	SC-TE-1724	N/A	115	0-200	1046	GEN COLD GAS EXCTR END NEAR SIDE
ANL	100 RTD	SC-TE-7088	N/A	150	0-200	1047	WTR FROM SVCE AIR CPRSR SA-P-1C
DIG	N/A	OLX-1A	N/A	N/A	Norm/Trip	2719	SEC SVCE CL CLG WTR PMP SC-P-1A
DIG	N/A	OLX-1B	N/A	N/A	Norm/Trip	2720	SEC SVCE CL CLG WTR PMP SC-P-1B
DIG	N/A	OLX-1C	N/A	N/A	Norm/Trip	2721	SEC SVCE CL CLG WTR PMP SC-P-1C
DIG	N/A	M/SC-P-1A	N/A	N/A	On/Off	3238	SEC SVCE CL CLG WTR PMP SC-P-1A





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50-MADC	SR-FT-1638	N/A	N/A	0-16000 GPM	42	NAT. DFT CLG TWR MU FL (GPM)
ANL	10-50-MACD	SR-PT-1080	6.50	N/A	0-60	181	SEC SVCE PUMP DISCH HDR PRESS
ANL	10-50-MADC	SR-TT-3880	N/A	N/A	0-110	182	MECH DRAFT CLG TOWER INLET
ANL	10-50-MADC	SR-TT-3881	N/A	N/A	25-100	183	MECH DRAFT CLG TOWER OUTLET
ANL	10-50-MADC	SR-TT-3882	N/A	N/A	25-100	184	STATION RIVER WTR DELT
ANL	10-50-MADC	SR-TT-1071	N/A	N/A	25-100	206	RIVER WATER AMBIENT TEMP
ANL	10-50-MADC	SR-TT-1073	N/A	N/A	0-180	930	SS WTR FROM SEC SVCE CLR 1A TEMP
ANL	10-50-MADC	SR-TT-1075	N/A	N/A	0-180	931	SS WTR FROM SEC SVCE CLR 1B TEMP
ANL	100 RTD	SR-TE-1083	N/A	N/A	0-180	932	SS WTR FROM SEC SVCE CLR 1C TEMP
ANL	100 RTD		N/A	N/A	0-100	1031	SEC SVCE CLRS INLET HDR TEMP
DIG	N/A	OLX	N/A	N/A	Norm/Trip	2695	SEC SVCE RIVER WTR PMP SR-P-1A
DIG	N/A	OLX	N/A	N/A	Norm/Trip	2696	SEC SVCE RIVER WTR PMP SR-P-1B
DIG	N/A	OLX	N/A	N/A	Norm/Trip	2697	SEC SVCE RIVER WTR PMP SR-P-1C
DIG	N/A	M/SR-P-1A	N/A	N/A	On/Off	3229	SEC SVCE RIVER WTR PMP SR-P-1A
DIG	N/A	M/SR-P-1B	N/A	N/A	On/Off	3230	SEC SVCE RIVER WTR PMP SR-P-1B
DIG	N/A	M/SR-P-1C	N/A	N/A	On/Off	3231	SEC SVCE RIVER WTR PMP SR-P-1C



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	0-1 MADC	WTD	N/A	N/A	0-1200MW	186	GENERATOR MW OUTPUT GROSS
ANL	0-3 MADC	YTD	N/A	N/A	0-25KV	188	GENERATOR KILO VOLTS
ANL	0-3 MADC	ATD	N/A	N/A	0-35 KA	189	GENERATOR KILO AMPS
ANL	0-4 VDC	YMVE 4460-1	N/A	7.0	0-15 Mils	190	T-G BEARING NO 1 VIBRATION
ANL	0-4 VDC	YMVE 4460-2	N/A	7.0	0-15 Mils	191	T-G BEARING NO 2 VIBRATION
ANL	0-4 VDC	YMVE 4460-3	N/A	7.0	0-15 Mils	192	T-G BEARING NO 3 VIBRATION
ANL	0-4 VDC	YMVE 4460-4	N/A	7.0	0-15 Mils	193	T-G BEARING NO 4 VIBRATION
ANL	0-4 VDC	YMVE 4460-5	N/A	7.0	0-15 Mils	194	T-G BEARING NO 5 VIBRATION
ANL	0-4 VDC	YMVE 4460-6	N/A	7.0	0-15 Mils	195	T-G BEARING NO 6 VIBRATION
ANL	0-4 VDC	YMVE 4460-7	N/A	7.0	0-15 Mils	196	T-G BEARING NO 7 VIBRATION
ANL	0-4 VDC	YMVE 4460-8	N/A	7.0	0-15 Mils	197	T-G BEARING NO 8 VIBRATION
ANL	0-4 VDC	YMVE 4460-9	N/A	7.0	0-15 Mils	198	T-G BEARING NO 9 VIBRATION
ANL	100 RTD	YMTE 1926-6	N/A	130	0-200	1033	GEN DISCH GAS POINT 1
ANL	100 RTD	YMTE 1926-7	N/A	130	0-200	1034	GEN DISCH GAS POINT 2
ANL	100 RTD	YMTE 1926-8	N/A	130	0-200	1035	GEN DISCH GAS POINT 3
ANL	100 RTD	YMTE 1926-9	N/A	130	0-200	1036	GEN DISCH GAS POINT 4
ANL	100 RTD	YMTE 1926-10	N/A	130	0-200	1037	GEN DISCH GAS POINT 5

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	YMTE 1926-11	N/A	130	0-200	1038	GEN DISCH GAS POINT 6
ANL	100 RTD	YMTE 1926-16	N/A	115	0-200 <sup>0</sup> F	1039	GEN COLD GAS 21B
ANL	100 RTD	YMTE 1926-15	N/A	115	0-200 <sup>0</sup> F	1040	GEN COLD GAS 22B
ANL	100 RTD	YMTE 1926-20	N/A	122	0-200 <sup>0</sup> F	1041	GEN EXCITER COLD AIR 31B
ANL	100 RTD	YMTE 1926-22	N/A	135	0-200 <sup>0</sup> F	1042	GEN EXCITER WARM AIR 33B
ANL	100 RTD	YMTE 1926-23	N/A	135	0-200 <sup>0</sup> F	1043	GEN EXCITER WARM AIR 34B
ANL	100 RTD	YMTE 1926-13	N/A	130	0-200 <sup>0</sup> F	1045 1048	GEN COLD GAS TURB END NEAR SIDE GEN WARM TURB END FAR SIDE
ANL	100 RTD	YMTE 1925-3	N/A	210	70-250 <sup>0</sup> F	1497	T-G JNL BRG NO1 METAL TEMP
ANL	100 RTD	YMTE 1925-4	N/A	210	70-250 <sup>0</sup> F	1498	T-G JNL BRG NO 2 METAL TEMP
ANL	100 RTD	YMTE 1925-5	N/A	210	70-250 <sup>0</sup> F	1499	T-G JNL BRG NO 3 METAL TEMP
ANL	100 RTD	YMTE 1925-6	N/A	210	70-250 <sup>0</sup> F	1500	T-G JNL BRG NO 4 METAL TEMP
ANL	100 RTD	YMTE 1925-7	N/A	210	70-250 <sup>0</sup> F	1501	T-G JNL BRG NO 5 METAL TEMP
ANL	100 RTD	YMTE 1925-8	N/A	210	70-250 <sup>0</sup> F	1502	T-G JNL BRG NO 6 METAL TEMP
ANL	100 RTD	YMTE 1925-9	N/A	210	70-250 <sup>0</sup> F	1503	T-G JNL BRG NO 7 METAL TEMP
ANL	100 RTD	YMTE 1925-10	N/A	210	70-250 <sup>0</sup> F	1504	T-G JNL BRG NO 8 METAL TEMP
ANL	100 RTD	YMTE 1925-11	N/A	210	70-250 <sup>0</sup> F	1505	T-G JNL BRG NO 9 METAL TEMP
ANL	100 RTD	YMTE 7184	N/A	210	70-250 <sup>0</sup> F	1508	T-G THR BRG FRONT FACE METAL



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	YMTE 7185	N/A	210	70-250 <sup>o</sup> F	1509	T-G THR BRG REAR FACE METAL
ANL	100 RTD	YMTE 1925-12	N/A	170	70-180 <sup>o</sup> F	1510	T-G THR BRG FR FACE OIL DRAIN
ANL	100 RTD	YMTE 1925-13	N/A	170	70-180 <sup>o</sup> F	1511	T-G THR BRG REAR FACE OIL DRAIN
ANL	100 RTD	YMTE 1925-14	N/A	170	70-180 <sup>o</sup> F	1512	T-G JNL BRG NO 1 OIL DRAIN
ANL	100 RTD	YMTE 1925-15	N/A	170	70-180 <sup>o</sup> F	1513	T-G JNL BRG NO 2 OIL DRAIN
ANL	100 RTD	YMTE 1925-16	N/A	170	70-180 <sup>o</sup> F	1514	T-G JNL BRG NO 3 OIL DRAIN
ANL	100 RTD	YMTE 1925-17	N/A	170	70-180 <sup>o</sup> F	1515	T-G JNL BRG NO 4 OIL DRAIN
ANL	100 RTD	YMTE 1925-18	N/A	170	70-180 <sup>o</sup> F	1516	T-G JNL BRG NO 5 OIL DRAIN
ANL	100 RTD	YMTE 1925-19	N/A	170	70-180 <sup>o</sup> F	1517	T-G JNL BRG NO 6 OIL DRAIN
ANL	100 RTD	YMTE 1925-20	N/A	170	70-180 <sup>o</sup> F	1518	T-G JNL BRG NO 7 OIL DRAIN
ANL	100 RTD	YMTE 1925-21	N/A	170	70-180 <sup>o</sup> F	1519	T-G JNL BRG NO 8 OIL DRAIN
ANL	100 RTD	YMTE 1925-22	N/A	170	70-180 <sup>o</sup> F	1520	T-G JNL BRG NO 9 OIL DRAIN
DIG	N/A	33X- 1/RO	N/A	N/A	Norm/Rst	2808	TURBINE RESET
DIG	N/A	WFX	N/A	N/A	Norm/Low	3055	GEN ISLN PHASE BUS DUCT WTR FLOW
DIG	N/A	TSX	N/A	N/A	Norm/High	3056	GEN ISLN PHASE BUS DUCT AIR FLOW
SOE	N/A	OLX/SOP	N/A	N/A	Norm/Trip	3076	T-G SEAL OIL BACKUP PMP SV-P-2
SOE	N/A	OLX-MP1	N/A	N/A	Norm/Trip	3077	E-H FLUID MAIN PMP M/MP-1

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
SOE	N/A	OLX MP2	N/A	N/A	Norm/Trip	3078	E-M FLUID MAIN PMP M/NP-2
SOE	N/A	OLX/BL	N/A	N/A	Norm/Trip	3079	T-G BRG OIL LIFT PMP M/BL
SOE	N/A	OLX	N/A	N/A	Norm/Trip	3080	T-G AIR SIDE SEAL OIL AMP SC-P-3
SOE	N/A	OLX/TGP	N/A	N/A	Norm/Trip	3081	T-G BRG OIL PMP M/TGB
SOE	N/A	OLX/TG	N/A	N/A	Norm/Trip	3082	T-G TURNING GEAR M/TG
SOE	N/A	26/EMT-1&2	N/A	N/A	Norm/High	3111	LP CYC 1&2 EXH HOOD STEAM
SOE	N/A	63X/AST	N/A	N/A	Norm/Trip	3113	<del>EHC AUTO STOP TRIPED</del> <i>Oil Press Dumped</i>
SOE	N/A	TB7-17	N/A	N/A	Norm/Lost	3114	EHC LOSS OF SPEED FDBK SIG
SOE	N/A	TB11-1	N/A	N/A	Norm/Lost	3115	EHC LOSS OF DC POWER
SOE	N/A	74XA	N/A	N/A	Norm/Trip	3126	<del>TURBINE TRIPPED</del> <i>follow up press and do not pick up on 3/13 same 65X/A</i>
SOE	N/A	12X/OS	N/A	N/A	Norm/Trip	3127	TURBINE OVERSPEED TRIP (EHC)
SOE	N/A	14X/OSA	N/A	N/A	Norm/Trip	3128	TURBINE OVERSPEED TRIP (1EOSPS)
SOE	N/A	33/T1	N/A	N/A	Open/Closed	3129	TURBINE STOP VALVE NO1 CLOSED
SOE	N/A	33/T2	N/A	N/A	Open/Closed	3130	TURBINE STOP VALVE NO 2 CLOSED
SOE	N/A	33/T3	N/A	N/A	Open/Closed	3131	TURBINE STOP VALVE NO 3 CLOSED,
SOE	N/A	33/T4	N/A	N/A	Open/Closed	3132	TURBINE STOP VALVE NO 4 CLOSED
SOE	N/A	33/1IL	N/A	N/A	Open/Closed	3133	TURB INTERCEPT VALVE NO 1 CLOSED







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	VA-TE- 7298	N/A	180	70-220 <sup>o</sup> F	46	VAC PMP 1A TOP OUTBD BRG
ANL	100 RTD	VA-TE- 7228	N/A	180	70-220 <sup>o</sup> F	199	VAC PMP 1B BOT OUTBD BRG
ANL	100 RTD	VA-TE- 7431	N/A	180	70-220 <sup>o</sup> F	200	VAC PMP 1B TOP OUTBD BRG
ANL	100 RTD	VA-TE- 7434	N/A	180	70-220 <sup>o</sup> F	201	VAC PMP 1B BOT OUTBD BRG
ANL	100 RTD	VA-TE- 7430	N/A	180	70-220 <sup>o</sup> F	202	VAC PMP 1C TOP OUTBD BRG
ANL	100 RTD	VA-TE- 7429	N/A	180	70-220 <sup>o</sup> F	203	VAC PMP 1C BOT OUTBD BRG
ANL	100 RTD	VA-TE- 7432	N/A	180	70-220 <sup>o</sup> F	204	VAC PMP 1C TOP INBD BRG
ANL	100 RTD	VA-TE- 7435	N/A	180	70-220 <sup>o</sup> F	205	VAC PMP 1C BOT INBD BRG
ANL	100 RTD	VA-TE- 7570	N/A	180	70-220 <sup>o</sup> F	1674	VAC PMP 1A MOT INBD BRG
ANL	100 RTD	VA-TE- 7571	N/A	180	70-220 <sup>o</sup> F	1675	VAC PMP 1A MOT OUTBD BRG
ANL	100 RTD	VA-TE- 7572	N/A	180	70-220 <sup>o</sup> F	1676	VAC PMP 1B MOT INBD BRG
ANL	100 RTD	VA-TE- 7573	N/A	180	70-220 <sup>o</sup> F	1677	VAC PMP 1B MOT OUTBD BRG
ANL	100 RTD	VA-TE- 7574	N/A	180	70-220 <sup>o</sup> F	1678	VAC PMP 1C MOT INBD BRG
ANL	100 RTD	VA-TE- 7575	N/A	180	70-220 <sup>o</sup> F	1679	VAC PMP 1C MOT OUTBD BRG
DIG	N/A	OLX- 1A	N/A	N/A	Norm/Trip	2710	AUX OIL PMP FOR COND VAC PMP 1A
DIG	N/A	OLXA- OLXB	N/A	N/A	Norm/Trip	2711	AUX OIL PMP FOR COND VAC PMP 1B
DIG	N/A	OLX- 1C	N/A	N/A	Norm/Trip	2712	AUX OIL PMP FOR COND VAC PMP 1C



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
CMP	N/A	Calc	N/A	N/A	0-125%	1725	POWP PERCENT FULL POWER
CMP	N/A	Calc	N/A	N/A	G BTU/HR	1726	QPREV PREV CORE POWER (G BTU/HR)
CMP	N/A	Calc	N/A	N/A	G BTU/HR	1727	Q CORE POWER (G BTU/HR)
CMP	N/A	Calc	N/A	N/A	G BTU/HR	1728	QSEC CORE POWER SEC (G BTU/HR)
CMP	N/A	Calc	N/A	N/A	G BTU/HR	1729	QPRI CORE POWER PRI (G BTU/HR)
CMP	N/A	Calc	N/A	N/A	0-5.0GBTU/HR	1730	QSECA LOOP A POWER SEC (G BTU/HR)
CMP	N/A	Calc	N/A	N/A	0-5.0GBTU/HR	1731	QPRIA LOOP A POWER PRI (G BTU/HR)
CMP	N/A	Calc	N/A	N/A	0-5.0GBTU/HR	1732	QSECB LOOP B POWER SEC (G BTU/HR)
CMP	N/A	Calc	N/A	N/A	0-5.0GBTU/HR	1733	QPRIB LOOP B POWER PRI (G BTU/HR)
CMP	N/A	Calc	0	1	0-112	1740	ITLIT NO OF SYM SPNDS IN ALARM
CMP	N/A	Calc	N/A	N/A	0-2200 MWT	1741	POWUP POWER IN UPPER HALF CORE
CMP	N/A	Calc	N/A	N/A	0-2200 MWT	1742	POWLW POWER IN LOWER HALF CORE
CMP	N/A	Calc	N/A	N/A	0-6	1743	AX RAT RATIO UPPER TO LOWER PWR
CMP	N/A	Calc	48.0	52.0	0-60%	1744	PRUP POWER RATIO UPPER: TOT (PCT)
CMP	N/A	Calc	43.0	52.0	0-60%	1745	PRLW POWER RATIO LOWER: TOT (PCT)
CMP	N/A	Calc	N/A	26.0	0-30%	1746	QCPRA POWER RATIO W-X: TOT (PCT)
CMP	N/A	Calc	N/A	26.0	0-30%	1747	QCPRB POWER RATIO X-Y: TOT (PCT)

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
CMP	N/A	Calc	N/A	26.0	0-30%	1748	QCPRCPOWER RATIO Y-Z: TOT (PCT)
CMP	N/A	Calc	N/A	26.0	0-30%	1749	QCPRD POWER RATIO Z-W: TOT (PCT)
CMP	N/A	Calc	N/A	N/A	0-2600 MW	1750	CORPW CORE POWER THERMAL (MW)
CMP	N/A	Calc	N/A	N/A	0-3000 MW	1751	RBAR UN-NORMALIZED POWER (MW)
CMP	N/A	Calc	N/A	N/A	0-1.500	1752	FNORM RATION CORPW/RBAR
CMP	N/A	Calc	N/A	N/A	0-1.000	1753	CORXS CORE MACO X SECTION (1/CM)
CMP	N/A	Calc	N/A	N/A	0-50.00	1754	CRAFX AVE SLUX (E12 N/CM-CM-SEC)
CMP	N/A	Calc	N/A	N/A	0-30.00	1755	PHISC CORE POWR HIST (E3MWD/MTU)
CMP	N/A	Calc	N/A	N/A	0-35.00	1746	ECORE ENERG CONV (E15FISS/MW-SEC)
CMP	N/A	Calc	N/A	N/A	0-6000	1757	ZIND SHTDN PEAK IODNE (E12AT/B-CM)
CMP	N/A	Calc	N/A	N/A	0-6000	1758	ZIND1 PREV TODNE (E12AT/B-CM)
CMP	N/A	Calc	N/A	N/A	0-5000	1759	XNND SHTDN PEAK XNON (E12AT/B-CM)
CMP	N/A	Calc	N/A	N/A	0-5000	1760	XNND1 PREV XNON CONC (E12AT/B-CM)
CMP	N/A	Calc	N/A	N/A	0-12 HRS	1761	TPXN TIME TO PEAK XNON (HRS)
CMP	N/A	Calc	N/A	N/A	0-30.00	1762	XNMXS XNON MICRO X SEC (E3 BARN)
CMP	N/A	Calc	N/A	N/A	0-1.000	1763	ALPHA PRIM/SEC WEIGHT FACTOR
CMP	N/A	Calc	N/A	N/A	0-25.00	1764	BRW BORON REACTIVITY (PCT)





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1782	3 STG FDWTR HTR A PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1783	3 STG FDWTR HTR B PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1784	8 STG FDWTR HTR A PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1785	8 STG FDWTR HTR B PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1786	10 STG FDWTR HTR A PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1787	10 STG FDWTR HTR B PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1788	11 STG FDWTR HTR A PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1789	11 STG FDWTR HTR B PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1790	13 STG FDWTR HTR A PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1791	13 STG FDWTR HTR B PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1792	14 STG FDWTR HTR A PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1793	14 STG FDWTR HTR B PERFORMANCE
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1794	3 STG FWHTR A PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1795	3 STG FWHTR B PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1796	8 STG FWHTR A PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1797	8 STG FWHTR B PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+ 100 <sup>0</sup> F	1798	10 STG FWHTR A PERF (DRAIN CLR)

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
CMP	N/A	Calc	N/A	N/A	+100 <sup>0</sup> F	1799	10 STG FWHTR B PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+100 <sup>0</sup> F	1800	11 STG FWHTR A PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+100 <sup>0</sup> F	1801	11 STG FWHTR B PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+100 <sup>0</sup> F	1802	13 STG FWHTR A PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+100 <sup>0</sup> F	1803	13 STG FWHTR B PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+100 <sup>0</sup> F	1804	14 STG FWHTR A PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	+100 <sup>0</sup> F	1805	14 STG FWHTR B PERF (DRAIN CLR)
CMP	N/A	Calc	N/A	N/A	KBTU/KWHR	2179	TURBINE GEN GROSS HEAT RATE
CMP	N/A	Calc	N/A	N/A	KBTU/KWHR	2180	NET PLANT HEAT RATE K(BTU/WHR)
CMP	N/A	Calc	N/A	N/A	<sup>0</sup> F	2181	DELT ACRESS HOT CONDENSER
CMP	N/A	Calc	N/A	N/A	<sup>0</sup> F	2182	COOLING TOWER APPROACH TEMP
CMP	N/A	Calc	N/A	N/A	<sup>0</sup> F	2183	COOLING TOWER RANGE TEMP
CMP	N/A	Calc	N/A	N/A	MW	2184	GENERATOR MVA
CMP	N/A	Calc	N/A	N/A	--	2185	POWER FACTOR
CMP	N/A	Calc	N/A	N/A	MW	2186	GENERATOR MVARs
CMP	N/A	Calc	N/A	N/A	--	2187	PLANT OUTPUT FACTOR
CMP	N/A	Calc	N/A	N/A	MWH	2188	NET KWH (PULSE INPUT)

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
CMP	N/A	Calc	N/A	N/A	MW	2189	GEN MW-NET
CMP	N/A	Calc	N/A	N/A	MW	2190	GEN MW-GROSS
CMP	N/A	Calc	N/A	N/A	MW	2191	GEN MW-AUX
CMP	N/A	Calc	N/A	N/A	MLB/HR	2192	TOTAL FEED WATER FLOW (MLB/HR)
CMP	N/A	Calc	N/A	N/A	KBTU/KWHR	2193	TURBINE GEN HEAT RATE DEVIATION
CMP	N/A	Calc	N/A	N/A	MW x 10 <sup>3</sup>	2194	TOTAL GENERATION
CMP	N/A	Calc	N/A	N/A	MW x 10 <sup>3</sup>	2195	STATION USE
CMP	N/A	Calc	N/A	N/A	MW x 10 <sup>3</sup>	2196	NET OUTPUT
CMP	N/A	Calc	N/A	N/A	MLBS	2197	STEAM GENERATED (MLB)
CMP	N/A	Calc	N/A	N/A	- -	2198	% CLEAN COLD
CMP	N/A	Calc	N/A	N/A	- -	2199	% CLEAN HOT
CMP	N/A	Calc	N/A	N/A	GPM	2200	CIRC WATER FLOW RATE (GPM)
CMP	N/A	Calc	N/A	N/A	°F	2201	TTD COLD (DEGF)
CMP	N/A	Calc	N/A	N/A	°F	2202	TTD HOT (DEGF)
CMP	N/A	Calc	N/A	N/A	°F	2203	DELT ACROSS COLD CONDENSER
CMP	N/A	Calc	N/A	N/A	°F	2204	DEW POINT TEMP



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50 MA	FW-PT- 1132	N/A	N/A	0-3000psi	134	3 STG HTR B Outlet Press
ANL	10-50- MA	FW-PT- 1135	N/A	N/A	0-3000psi	135	3 STG HTR A Outlet Press
ANL	10-50- MA	FW-PT- 1143	N/A	N/A	0-3000psi	136	Feed Pump 1A Outlet Press
ANL	10-50- MA	FW-PT- 1145	N/A	N/A	0-3000psi	137	Feed Pump 1B Outlet Press
ANL	100 RTD	FW-TE- 1131	N/A	N/A	0-470°F	960	3 STG FDW HTR B Outlet Temp
ANL	100 RTD	FW-TE- 1133	N/A	N/A	0-470°F	961	STGEN FP 1B Disch Temp
ANL	100 RTD	FW-TE 1134	N/A	N/A	0-470°F	962	3 STG FDW HTR A Outlet Temp
ANL	100 RTD	FW-TE- 1136	N/A	N/A	0-470°F	963	STGEN FP 1A Disch Temp
ANL	120 N1 RTD	FW-TE 7353	N/A	180°F	70-220°F	1633	FWP 1A Inbd Brg
ANL	120 N1 RTD	FW-TE- 7354	N/A	180°F	70-220°F	1634	FWP 1A Outbd BRG
ANL	120 N1 RTD	FW-TE- 7355	N/A	180°F	70-220°F	1635	FWP 1A Thr Brg
ANL	100 RTD	FW-TE- 4068-2	N/A	180°F	70-220°F	1636	FWP 1A Turb Active Thr Brg
ANL	100 RTD	FW-TE- 4068-1	N/A	180°F	70-220°F	1637	FWP 1A Turb Inactive Thr BRG
ANL	100 RTD	FW-TE- 4060-1	N/A	550°F	70-650°F	1638	FWP 1A Turb St Chest Metal
ANL	100 RTD	FW-TE- 4067-3	N/A	180°F	0-200°F	1639	FWP 1A Turb Thr Brg Oil
ANL	100 RTD	FW-TE- 4067-1	N/A	180°F	0-200°F	1640	FWP 1A Turb CPLG Brg Oil
ANL	100 RTD	1641=	N/A	180°F	0-200°F	1641	FWP 1A Turb Oil Clr out

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	120 N1 RTD	FW-TE- 7356	N/A	180°F	70-220°F	1642	FWP 1B Inbd Brg
ANL	120 N1 RTD	FW-TE- 7357	N/A	130°F	70-220°F	1643	FWP 1B Outbd Brg
ANL	120 N1 RTD	FW-TE- 7358	N/A	180°F	70-220°F	1644	FWP 1B Thr Brg
ANL	100 RTD	FW-TE- 4068-4	N/A	180°F	70-220°F	1645	FWP 1B Turb Active Thr Brg
ANL	100 RTD	FW-TE- 4068-3	N/A	180°F	70-220°F	1646	FWP 1B Turb Inactive Thr Brg
ANL	100 RTD	FW-TE- 4060-2	N/A	550°F	70-650°F	1647	FWP 1B Turb St Chest Metal
ANL	100 RTD	FW-TE- 4067-4	N/A	180°F	0-200°F	1648	FWP 1B Turb Thr Brg Oil
ANL	100 RTD	FW-TE- 4067-2	N/A	180°F	0-200°F	1649	FWP 1B Turb CPLG Brg Oil
ANL	100 RTD	1650=	N/A	180°F	0-200°F	1650	FWP 1B Turb Oil Clr Out
CMP	N/A	Calc	N/A	N/A	0-1500 KLB/HR	1683	WFSUA SP St-up Fdwtr Flow A (KLB/HR)
CMP	N/A	Calc	N/A	N/A	0-1500 KLB/HR	1684	WFSUB Sp St-up Fdwtr Flow B (KLB/HR)
CMP	N/A	Calc	N/A	N/A	0-6500 KLB/HR	1685	WFFA SP Fdwtr F1 A Dp (KLB/HR)
CMP	N/A	Calc	N/A	N/A	0-6500 KLB/HR	1686	WFFB SP Fdwtr F1 B DP (KLB/HR)
CMP	N/A	Calc	N/A	N/A	0-6000 KLB/HR	1708	WFWA S1 Fdwtr Flow A (KLB/HR)
CMP	N/A	Calc	N/A	N/A	0-6000 KLB/HR	1709	WFWB S1 Fdwtr Flow B (KLB/HR)
CMP	N/A	Calc	N/A	N/A	0-100°F	1718	ΔT Across Stm Gen A
CMP	N/A	Calc	N/A	N/A	0-100°F	1719	ΔT Across Stm Gen B

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
CMP	N/A	Calc	N/A	N/A	0-480 BTU/lb	1737	Feedwater Enthalpy BTU/lb
CMP	N/A	Calc	N/A	N/A	0-500 <sup>0</sup> F	1776	TFWA Avg Feedwater Temp A
CMP	N/A	Calc	N/A	N/A	0-500 <sup>0</sup> F	1777	TFWB Avg Feedwater Temp B
DIG	N/A	OLX A	N/A	N/A	Norm/Trip	2713	Turb Trngr for Stgen Fd Pmp 1A
DIG	N/A	OLX B	N/A	N/A	Norm/Trip	2714	Turb Trngr for Stgen Fd Pmp 1B
DIG	N/A	OLX A1	N/A	N/A	Norm/Trip	2715	Main Oil Pmp-Stgen Fd Pmp 1A
DIG	N/A	OLX B1	N/A	N/A	Norm/Trip	2716	Main Oil Pmp-Stgen Fd Pmp 1B
DIG	N/A	OLX A	N/A	N/A	Norm/Trip	2717	Aux Oil Pmp-Stgen Fd Pmp 1A
DIG	N/A	OLX B	N/A	N/A	Norm/Trip	2718	Aux Oil Pmp-Stgen Fd Pmp 1B
SOE	N/A	EF-EX-3735	N/A	N/A	Yes/No	3108	<del>Td Main Fw Pmp FW-P-1A</del> <i>Emergency Start Feed Relay</i>
SOE	N/A	EF-EX-3734	N/A	N/A	Yes/No	3109	Td Main Fw Pmp FW-P-1B
SOE	N/A	PY-3769-1	N/A	N/A	Low/Norm	3116	<del>FW Turb A Low Vacuum Trip</del>
SOE	N/A	PY-3769-2	N/A	N/A	Low/Norm	3117	FW Turb B Low Vacuum Trip
SOE	N/A	PS-3770-1	N/A	N/A	High/Norm	3118	FW Turb A Low Lube Oil Press
SOE	N/A	PS-3770-2	N/A	N/A	High/Norm	3119	FW Turb B Low Lube Oil Press
SOE	N/A	PY-4071-1	N/A	N/A	High/Norm	3120	FW Turb A Thr Brg Wear Trip
SOE	N/A	PY-4071-2	N/A	N/A	High/Norm	3121	FW Turb B Thr Brg Wear Trip







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50-MA	HD-FT-1763	N/A	N/A	0-3000 KLB/HR	22	HTR DR PMP 1C DISCH FL (KLB/H)
ANL	10-50-MA	HD-FT-1764	N/A	N/A	0-3000 KLB/HR	23	HTR DR PMP 1B DISCH FL (KLB/H)
ANL	10-50-MA	HD-FT-1765	N/A	N/A	0-3000 KLB/HR	24	HTR DR PMP 1A DISCH FL (KLB/H)
ANL	10-50-MA	HD-FT-3058	N/A	N/A	0-1250 KLB/HR	25	3 STG HTRB to HD TK FL (KLB/H)
ANL	10-50-MA	HD-FT-3059	N/A	N/A	0-1250-KLB/HR	26	3-STG HTRA to HD TK FL (KLB/H)
ANL	10-50-MA	HD-FT-3060	N/A	N/A	0-500 KLB/HR	27	8 STG HTRB to HD TK FL (KLB/H)
ANL	10-50-MA	HD-FT-3061	N/A	N/A	0-500 KLB/HR	28	8 STG HTRA to HD TK FL (KLB/H)
ANL	10-50-MA	HD-FT-3062	N/A	N/A	0-160 KLB/HR	29	10STGB-11STGB HTR DRN FL (KLB/H)
ANL	10-50-MA	HD-FT-3063	N/A	N/A	0-160 KLB/HR	30	10STGA-11STGA HTR DRN FL (KLB/H)
ANL	10-50-MA	HD-FT-3064	N/A	N/A	0-410 KLB/HR	31	11STGB-13STGB HTR DRN FL (KLB/H)
ANL	10-50-MA	HD-FT-3065	N/A	N/A	0-410 KLB/HR	32	11STGA-13STGA HTR DRN FL (KLB/H)
ANL	10-50-MA	HD-FT-3066	N/A	N/A	0-615 KLB/HR	33	13STGB-14STGB HTR DRN FL (KLB/H)
ANL	10-50-MA	HD-FT-3067	N/A	N/A	0-615 KLB/HR	34	13STGA-14STGA HTR DRN FL (KLB/H)
ANL	10-50-MA	HD-FT-3068	N/A	N/A	0-1000 KLB/HR	35	DR CLR 1B to Cond H FL (KLB/H)
ANL	10-50-MA	HD-FT-3069	N/A	N/A	0-1000 KLB/HR	36	DR CLR 1A to Cond C FL (KLB/H)
ANL	10-50-MA	HD-FT-3070	N/A	N/A	0-125 KLB/HR	37	MS&R 2A DR to 3STGB HD FL (KLB/H)
ANL	10-50-MA	HD-FT-3071	N/A	N/A	0-125 KLB/HR	38	MS&R 1A DR to 3STGB HD FL (KLB/H)

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50 MA	HD-FI- 3072	N/A	N/A	0-125 KLB/HR	39	MS&R 1A DR To 3STG A HD FL (KLB/H)
ANL	10-50 MA	HD-FI- 3073	N/A	N/A	0-125 JLB/HR	40	MS&R 1B DR To 3STGA HD FL (KLB/H)
ANL	10-50 MA	HD-PT- 181	N/A	N/A	0-600 psig	138	3STG FD WTR HTR A Drain Press
ANL	10-50 MA	HD-PT- 182	N/A	N/A	0-600 psig	139	3 STG FD WTR HTR B Drain Press
ANL	10-50 MA	HD-PT- 183	N/A	N/A	0-300 psig	140	8 STG FD WTR HTR A Drain Press
ANL	10-50 MA	HD-PT- 184	N/A	N/A	0-300 psig	141	8 STG FD WTR HTR B Drain Press
ANL	10-50 MA	HD-PT- 185	N/A	N/A	30"Hg-150 psig	142	10 STG FD WTR HTR A Drain Press
ANL	10-50 MA	HD-PT- 186	N/A	N/A	30"Hg-150 psig	143	10 STG FD WTR HTR B Drain Press
ANL	10-50 MA	HD-PT- 187	N/A	N/A	30"Hg-60psig	144	11 STG FD WTR HTR A Drain Press
ANL	10-50 MA	HD-PT- 188	N/A	N/A	30"Hg-60psig	145	11 STG FD WTR HTR B Drain Press
ANL	10-50 MA	HD-PT- 189	N/A	N/A	30"Hg-15psig	146	13 STG FD WTR HTR A Drain Press
ANL	10-50 MA	HD-PT- 190	N/A	N/A	30"Hg-15psig	147	13 STG FD WTR HTR B Drain Press
ANL	10-50 MA	HD-PT- 330	N/A	N/A	30"Hg-300psig	148	HTR Drain Tank Press
ANL	10-50 MA	HD-PT- 331	370 psig	N/A	0-800 psig	149	HTR Drain Pumps Disch Press
ANL	10-50 MA	HD-TI- 1633	N/A	N/A	100-600°F	914	HTR Drain Tank Temp
ANL	100 RTD	HD-TE- 191	N/A	N/A	0-500°F	964	3 STG FDW HTR A Drain Temp
ANL	100 RTD	HD-TE- 192	N/A	N/A	0-500°F	965	3 STG FDW HTR B Drain Temp

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	HD-TE-192	N/A	N/A	0-500°F	965	3STG FDW HTR B Drain Temp
ANL	100 RTD	HD-TE-193	N/A	N/A	0-440°F	966	8STG FDW HTR A Drain Temp
ANL	100 RTD	HD-TE-194	N/A	N/A	0-440°F	967	8 STG FDW HTR B Drain Temp
ANL	100 RTD	HD-TE-195	N/A	N/A	0-390°F	968	10 STG FDW HTR A Drain Temp
ANL	100 RTD	HD-TE-196	N/A	N/A	0-390°F	969	10 STG FDW HTR B Drain Temp
ANL	100 RTD	HD-TE-197	N/A	N/A	0-320°F	970	11 STG FDW HTR A Drain Temp
ANL	100 RTD	HD-TE-198	N/A	N/A	0-320°F	971	11 STG FDW HTR B Drain Temp
ANL	100 RTD	HD-TE-199	N/A	N/A	0-300°F	972	13 STG FDW HTR A Drain Temp
ANL	100 RTD	HD-TE-200	N/A	N/A	0-300°F	973	13 STG FDW HTR B Drain Temp
ANL	100 RTD	HD-TE-309	N/A	N/A	0-500°F	974	Drain From MS&R 1A Temp
ANL	100 RTD	HD-TE-310	N/A	N/A	0-500°F	975	Drain From MS&R 1B Temp
ANL	100 RTD	HD-TE-311	N/A	N/A	0-500°F	976	Drain From MS&R 2A Temp
ANL	100 RTD	HD-TE-312	N/A	N/A	0-500°F	977	Drain From MS&R 2B Temp
ANL	100 RTD	HD-TE-313	N/A	N/A	0-500°F	978	Dr Fr MS To MS&R 1A Side A Tem
ANL	100 RTD	HD-TE-314	N/A	N/A	0-500°F	979	Dr Fr HP ST MS&R 1A Side B Tem
ANL	100 RTD	HD-TE-315	N/A	N/A	0-550°F	980	Dr Fr MS To MS&R 1B Side A Tem
ANL	100 RTD	HD-TE-316	N/A	N/A	0-550°F	981	Dr Fr HP ST MS&R 1B Side B Tem



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	HD-TE- 317	N/A	N/A	0-550°F	982	Dr FR MS To MS&R 2A Side A Tem
ANL	100 RTD	HD-TE- 318	N/A	N/A	0-550°F	983	Dr Fr HP ST MS&R 2A Side B Tem
ANL	100 RTD	HD-TE- 319	N/A	N/A	0-550°F	984	Dr Fr MS To MS&R 2B Side A Tem
ANL	100 RTD	HD-TE- 320	N/A	N/A	0-550°F	985	Dr Fr HP ST MS&R 2B Side B Tem
ANL	100 RTD	HD-TE- 3922	N/A	N/A	0-500°F	986	Drain Cooler 1A Drain Out Temp
ANL	100 RTD	HD-TE- 3921	N/A	N/A	0-500°F	987	Drain Cooler 1B Drain Out Temp
ANL	100 RTD	HD-TE- 4035	N/A	180°F	70-220°F	1554	HTR Dr Pmp 1A Mot Outbd Brg
ANL	100 RTD	HD-TE- 4036	N/A	220°F	0-400°F	1555	HTR Dr Pmp 1A Mot Winding
ANL	100 RTD	HD-TE- 4037	N/A	180°F	70-220°F	1556	HTR Dr Pmp 1A Mot Inbd Brg
ANL	100 RTD	HD-TE- 4039	N/A	180°F	70-220°F	1557	HTR Dr Pmp 1A Outbd Brg
ANL	100 RTD	HD-TE- 4038	N/A	180°F	70-220°F	1558	HTR Dr Pmp 1A Inbd Brg
ANL	100 RTD	HD-TE- 4041	N/A	180°F	70-220°F	1559	HTR Dr Pmp 1A Thr Brg Front
ANL	100 RTD	HD-TE- 4040	N/A	180°F	70-220°F	1560	HTR Dr Pmp 1A Thr Brg Rear
ANL	100 RTD	HD-TE- 4042	N/A	180°F	70-220°F	1561	HTR Dr Pmp 1B Mot Outbd Brg
ANL	100 RTD	HD-TE- 4043	N/A	220°F	0-400°F	1562	HTR Dr Pmp 1B Mot Winding
ANL	100 RTD	HD-TE- 4044	N/A	180°F	70-220°F	1563	HTR Dr Pmp 1B Mot Inbd Brg
ANL	100 RTD	HD-TE- 4046	N/A	180°F	70-220°F	1564	HTR Dr Pmp 1B Outbd Brg



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	HD-TE- 4045	N/A	180°F	70-220°F	1565	HTR Dr Pmp 1B Inbd Brg
ANL	100 RTD	HD-TE- 4048	N/A	180°F	70-220°F	1566	HTR Dr Pmp 1B Thr Brg Front
ANL	100 RTD	HD-TE- 4047	N/A	180°F	70-220°F	1567	HTR Dr Pmp 1B Thr Brg Rear
ANL	100 RTD	HD-TE- 4049	N/A	180°F	70-220°F	1568	HTR Dr Pmp 1C Mot Outbd Brg
ANL	100 RTD	HD-TE- 4050	N/A	220°F	0-400°F	1569	HTR Dr Pmp 1C Mot Winding
ANL	100 RTD	HD-TE- 4051	N/A	180°F	70-220°F	1570	HTR Dr Pmp 1C Mot Inbd Brg
ANL	100 RTD	HD-TE- 4053	N/A	180°F	70-220°F	1571	HTR Dr Pmp 1C Outbd Brg
ANL	100 RTD	HD-TE- 4052	N/A	180°F	70-220°F	1572	HTR Dr Pmp 1C Inbd Brg
ANL	100 RTD	HD-TE- 4055	N/A	180°F	70-220°F	1573	HTR Dr Pmp 1C Thr Brg Front
ANL	100 RTD	HD-TE- 4054	N/A	180°F	70-220°F	1574	HTR Dr Pmp 1C Thr Brg Rear
DIG	100 RTD	N/A	N/A	N/A	Norm/Low	2748	3STG FDW HTR B LVL Low
DIG	100 RTD	N/A	N/A	N/A	Norm/Low	2749	3STG FDW HTR A LVL LOW
DIG	100 RTD	N/A	N/A	N/A	Norm/Low	2750	8STG FDW HTR B LVL LOW
DIG	100 RTD	N/A	N/A	N/A	Norm/Low	2751	8STG FDW HTR A LVL LOW
DIG	100 RTD	N/A	N/A	N/A	Norm/Low	2752	10STG FDW HTR B LVL LOW
DIG	100 RTD	N/A	N/A	N/A	Norm/Low	2753	10STG FDW HTR A LVL LOW
DIG	100 RTD	N/A	N/A	N/A	Norm/Low	2754	11STG FDW HTR B LVL LOW

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	HD-LS-163-3	N/A	N/A	Norm/Low	2755	11STG FDW HTR A LVL LOW
DIG	N/A	HD-LS-166-3	N/A	N/A	Norm/Low	2756	13STG FDW HTR B LVL LOW
DIG	N/A	HD-LS-165-3	N/A	N/A	Norm/Low	2757	13STG FDW HTR A LVL LOW
DIG	N/A	HD-LS-167-3	N/A	N/A	Norm/Low	2758	14STG FDW HTR B LVL LOW
DIG	N/A	HD-LS-168-3	N/A	N/A	Norm/Low	2759	14STG FDW HTR A LVL LOW
DIG	N/A	HD-LS-158-1	N/A	N/A	Norm/High	2760	3STG FDW HTR B LVL HIGH
DIG	N/A	HD-LS-157-1	N/A	N/A	Norm/High	2761	3STG FDW HTR A LVL HIGH
DIG	N/A	HD-LS-160-1	N/A	N/A	Norm/High	2762	8STG FDW HTR B LVL HIGH
DIG	N/A	HD-LS-159-1	N/A	N/A	Norm/High	2763	8STG FDW HTR A LVL HIGH
DIG	N/A	HD-LS-162-1	N/A	N/A	Norm/High	2764	10STG FDW HTR B LVL HIGH
DIG	N/A	HD-LS-161-1	N/A	N/A	Norm/High	2765	10STG FDW HTR A LVL HIGH
DIG	N/A	HD-LS-164-1	N/A	N/A	Norm/High	2766	11STG FDW HTR B LVL HIGH
DIG	N/A	HD-LS-163-1	N/A	N/A	Norm/High	2767	11STG FDW HTR A LVL HIGH
DIG	N/A	HD-LS-166-1	N/A	N/A	Norm/High	2768	13STG FDW HTR B LVL HIGH
DIG	N/A	HD-LS-165-1	N/A	N/A	Norm/High	2769	13STG FDW HTR A LVL HIGH
DIG	N/A	HD-LS-167-1	N/A	N/A	Norm/High	2770	14STG FDW HTR B LVL HIGH
DIG	N/A	HD-LS-168-1	N/A	N/A	Norm/High	2771	14STG FDW HTR A LVL HIGH

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	HD-LS-158-2	N/A	N/A	Norm/Trip	2772	3STG FDW HTR B LVL TRIP
DIG	N/A	HD-LS-157-2	N/A	N/A	Norm/Trip	2773	3STG FDW HTR A LVL TRIP
DIG	N/A	HD-LS-160-2	N/A	N/A	Norm/Trip	2774	8STG FDW HTR B LVL TRIP
DIG	N/A	HD-LS-159-2	N/A	N/A	Norm/Trip	2775	8STG FDW HTR A LVL TRIP
DIG	N/A	HD-LS-162-2	N/A	N/A	Norm/Trip	2776	10STG FDW HTR B LVL TRIP
DIG	N/A	HD-LS-161-2	N/A	N/A	Norm/Trip	2777	10STG FDW HTR A LVL TRIP
DIG	N/A	HD-LS-164-2	N/A	N/A	Norm/Trip	2778	11STG FDW HTR B LVL TRIP
DIG	N/A	HD-LS-163-2	N/A	N/A	Norm/Trip	2779	11STG FDW HTR A LVL TRIP
DIG	N/A	HD-LS-166-2	N/A	N/A	Norm/Trip	2780	13STG FDW HTR B LVL TRIP
DIG	N/A	HD-LS-165-2	N/A	N/A	Norm/Trip	2781	13STG FDW HTR A LVL TRIP
DIG	N/A	HD-LS-326	N/A	N/A	Norm/High	2782	HTR Drain Tnk Lvl High
DIG	N/A	HD-LS-327	N/A	N/A	Norm/Low	2783	HTR DRAIN TNK LVL LOW
DIG	N/A	HD-LS-281	N/A	N/A	Norm/High	2784	MS&R 2B HP Drain Lvl High
DIG	N/A	HD-LS-279	N/A	N/A	Norm/Low	2785	MS&R 2B HP Drain Lvl Low
DIG	N/A	HD-LS-287	N/A	N/A	Norm/High	2786	MS&R 2b MS Drain Lvl High
DIG	N/A	HD-LS-285	N/A	N/A	Norm/Low	2787	MS&R 2B MS Drain Lvl Low
DIG	N/A	HD-LS-284	N/A	N/A	Norm/High	2788	MS&R 2B RHTR Drain Lvl High



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	HD-LS-282	N/A	N/A	Norm/Low	2789	MS&R 2B RHTR Drain Lvl Low
DIG	N/A	HD-LS-3042	N/A	N/A	Norm/High	2790	MS&R 2A HP Drain Lvl High
DIG	N/A	HD-LS-3043	N/A	N/A	Norm/Low	2791	MS&R 2A HP Drain Lvl Low
DIG	N/A	HD-LS-3044	N/A	N/A	Norm/High	2792	MS&R 2A MS Drain Lvl High
DIG	N/A	HD-LS-3045	N/A	N/A	Norm/Low	2793	MS&R 2A MS Drain Lvl Low
DIG	N/A	HD-LS-278	N/A	N/A	Norm/High	2794	MS&R 2A RHTR Drain Lvl High
DIG	N/A	HD-LS-276	N/A	N/A	Norm/Low	2795	MS&R 2A RHTR Drain Lvl Low
DIG	N/A	HD-LS-292	N/A	N/A	Norm/High	2796	MS&R 1B HP Drain Lvl High
DIG	N/A	HD-LS-291	N/A	N/A	Norm/Low	2797	MS&R 1B HP Drain Lvl Low
DIG	N/A	HD-LS-298	N/A	N/A	Norm/High	2798	MS&R 1B MS Drain Lvl High
DIG	N/A	HD-LS-299	N/A	N/A	Norm/Low	2799	MS&R 1B MS Drain LVL Low
DIG	N/A	HD-LS-296	N/A	N/A	Norm/High	2800	MS&R 1B RHTR Drain Lvl High
DIG	N/A	HD-LS-295	N/A	N/A	Norm/Low	2801	MS&R 1B RHTR Drain Lvl Low
DIG	N/A	HD-LS-3046	N/A	N/A	Norm/High	2802	MS&R 1A HP Drain LVL High
DIG	N/A	HD-LS-3047	N/A	N/A	Norm/Low	2803	MS&R 1A HP Drain LVL Low
DIG	N/A	HD-LS-3048	N/A	N/A	Norm/High	2804	MS&R 1A MS Drain LVL High
DIG	N/A	HD-LS-3049	N/A	N/A	Norm/Low	2805	MS&R 1A MS Drain LVL Low







Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50 mA	IC-TT-470	+10 psi	N/A	0-30 psig	150	Inter Clg Pump Suct Press
ANL	10-50- mA	IC-TT-471	115 psi	N/A	0-160 psig	151	Inter Clg Pump Disch Press
ANL	100 RTD	IC-1-TE1	N/A	135 <sup>0</sup> F	0-200 <sup>0</sup> F	451	IC RCP 1A Cool Outlet Temp
ANL	100 RTD	IC-1-TE2	N/A	135 <sup>0</sup> F	0-200 <sup>0</sup> F	452	IC RCP 2A Cool Outlet Temp
ANL	100 RTD	IC-1-TE3	N/A	135 <sup>0</sup> F	0-200 <sup>0</sup> F	453	IC RCP 2B Cool Outlet Temp
ANL	100 RTD	IC-1-TE4	N/A	135 <sup>0</sup> F	0-200 <sup>0</sup> F	454	IC RCP 1B Cool Outlet Temp
ANL	100 RTD	IC-7-TE1	N/A	N/A	0-250 <sup>0</sup> F	455	IC Letdn Cool A Outlet Temp
ANL	100 RTD	IC-7-TE2	N/A	N/A	0-250 <sup>0</sup> F	456	IC Letdn Cool B Outlet Temp
ANL	100 RTD	IC-9-TE	N/A	N/A	0-200 <sup>0</sup> F	457	IC Control Rod Drive Temp
ANL	100 RTD	IC-4-TE	N/A	N/A	0-200 <sup>0</sup> F	458	IC Inlet Temp
ANL	100 RTD	IC-TT-468	N/A	N/A	0-300 <sup>0</sup> F	915	Inter Clg Pump Disch Temp
ANL	100 RTD	IC-TT-828	N/A	N/A	20 <sup>0</sup> F-220 <sup>0</sup> F	916	Inter Clg Wtr To Svce Clrs Temp
ANL	100 RTD	IC-TE-474	N/A	N/A	0-225 <sup>0</sup> F	988	Intmd Clg Wtr Fr RC Drain Tk Clr
ANL	100 RTD	IC-TE-477	N/A	N/A	0-225 <sup>0</sup> F	989	Wtr From IC Cooler 1A
ANL	100 RTD	IC-TE-478	N/A	N/A	0-225 <sup>0</sup> F	990	Wtr From IC Cooler 1B
DIG	N/A	OLX-1A	N/A	N/A	Norm/Trip	2733	<del>Inter Clg Pump IC-P-1A</del>
DIG	N/A	OLX-1B	N/A	N/A	Norm/Trip	2734	Intmd Clg Pmp IC-P-1B





Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50-mA	MS-PT- 229	24 in Hg	N/A	0-30 in Hg	152	Cond C Cold Press (in Hg)
ANL	10-50-mA	MA-PT- 3898	22 in Hg	N/A	0-30 in Hg	153	Cond H Hot Press (in Hg)
ANL	10-50-mA	MS-TT- 1096	N/A	N/A	250-650 <sup>0</sup> F	154	STGEN B Steam Outlet Temp
ANL	10-50-mA	MS-TT- 1097	N/A	N/A	250-650 <sup>0</sup> F	155	STGEN A Steam Outlet Temp
ANL	10-50-mA	MS-PT- 1099	N/A	N/A	0-1500 psig	156	HP Turb 1 STG Side B Press
ANL	10-50-mA	MS-PT- 1100	N/A	N/A	0-1500psig	157	HP Turb 1 STG Side A Press
ANL	100 RTD	MS-TE- 109	N/A	N/A	0-600 <sup>0</sup> F	948	STGEN 1A HDR 2 Outlet Temp
ANL	100 RTD	MS-TE- 110	N/A	N/A	0-600 <sup>0</sup> F	949	STGEN 1A HDR 1 Outlet Temp
ANL	100 RTD	MS-TE- 103	N/A	N/A	0-600 <sup>0</sup> F	950	STGEN 1B HDR 2 Outlet Temp
ANL	100 RTD	MS-TE- 104	N/A	N/A	0-600 <sup>0</sup> F	951	STGEN 1B HDR 1 Outlet Temp
DIG	N/A	20-IO <sup>IO</sup>	N/A	N/A	open/closed	2809	<del>Main Steam Isln Valve MS-V-4A</del> CHANGE
DIG	N/A	20-IO <sup>IO</sup>	N/A	N/A	open/closed	2810	<del>Main Steam Isln Valve MS-V-7A</del> CLOSE POSITION
DIG	N/A	20-IC	N/A	N/A	open/closed	2811	Main Steam Isln Valve MS-V-4B
DIG	N/A	20-IC	N/A	N/A	open/closed	2812	Main Steam Isln Valve MS-V-7B
DIG	N/A	20-IO <sup>IO?</sup>	N/A	N/A	open/closed	2813	<del>Turb Bypass Isln Valve MS-V-15A</del> DITTO
DIG	N/A	20-IC	N/A	N/A	open/closed	2824	Turb Bypass Isln Valve MS-V-15B
Comp	N/A	Calc.	N/A	N/A	1190-1290BTU/ LB	1738	(SH) Steam Enthalpy (BTU/LB)

3075  
1403075  
141A



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	10-50 mA	MU-PT 732	5	N/A	0-160 psig	158	Makeup Pump Suct Hdr Press
ANL	10-50 mA	MU-PT 1579	N/A	N/A	0-50 psig	159	Letdown Press
ANL	10-50 mA	MU-TT 1580	N/A	N/A	20-220°F	160	RC Pump Seal Wtr Clr Out Temp
ANL	10-50 mA	MU-TT 1581	N/A	135°F	20-220°F	161	RC Pump Makeup Tank Temp
ANL	-100- +100MVDC	MU-4- C DPT	N/A	N/A	0-160 GPM	346	<del>ME</del> -Letdown Flow (GPM)
ANL	-100- +100MVDC	MU-14- MS	N/A	N/A	0-100 in H <sub>2</sub> O	347	MU Tank Level (in H <sub>2</sub> O)
ANL	100 RTD	MUP 50-TE2	N/A	N/A	40-180°F	349	MUP-P1A Radial Pump Brg Temp
ANL	100 RTD	MUP 50-TE4	N/A	170°F	40-180°F	350	MUP-P1B Radial Pump Brg Temp
ANL	100 RTD	MUP 50-TE6	N/A	170°F	40-180°F	351	MUP-P1C Radial Pump Brg Temp
ANL	100 RTD	MUP 50-TE1	N/A	170°F	40-180°F	352	MUP-P1A Thrust-Radial Brg temp
ANL	100 RTD	MUP 50-TE3	N/A	170°F	40-180°F	353	MUP-P1B Thrust-Radial Brg Temp
ANL	100 RTD	MUP 50-TE5	N/A	170°F	40-180°F	354	MUP-P1C Thrust-Radial Brg Temp
ANL	100 RTD	MUP 51-TE1	N/A	170°F	40-180°F	355	MUP-P1A Gear Brg Temp Pmp End
ANL	100 RTD	MUP 51-TE5	N/A	165°F	40-180°F	356	MUP-P1B Gear Brg Temp Pmp End
ANL	100 RTD	MUP 51-TE9	N/A	165°F	40-180°F	357	MUP-P1C Gear Brg Temp Pmp End
ANL	100 RTD	MUP 51-TE2	N/A	165°F	40-180°F	358	MUP-P1A Gear Brg Temp Center Pmp
ANL	100 RTD	MUP 51-TE6	N/A	165°F	40-180°F	359	MUP-P1B Gear Brg Temp Center Pmp



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	MUP 51-TE10	N/A	165 <sup>0</sup> F	40-180 <sup>0</sup> F	360	MUP-P1C Gear Brq Temp-Center Pmp
ANL	100 RTD	MUP 51-TE3	N/A	165 <sup>0</sup> F	40-180 <sup>0</sup> F	361	MUP-P1A Gear Brq Temp-Center Mtr
ANL	100 RTD	MUP 51-TE7	N/A	165 <sup>0</sup> F	40-180 <sup>0</sup> F	362	MUP-P1B Gear Brq Temp-Center Mtr
ANL	100 RTD	MUP 51-TE11	N/A	165 <sup>0</sup> F	40-180 <sup>0</sup> F	363	MUP- Gear Brq Temp-Center Mtr
ANL	100 RTD	MUP 51-TE4	N/A	165 <sup>0</sup> F	40-180 <sup>0</sup> F	364	MUP-P1A Gear Brq Temp-Mtr End
ANL	100 RTD	MUP 51-TE8	N/A	165 <sup>0</sup> F	40-180 <sup>0</sup> F	365	MUP-P1B Gear Brq Temp-Mtr End
ANL	100 RTD	MUP 51-TE12	N/A	165 <sup>0</sup> F	40-180 <sup>0</sup> F	366	MUP-P1C Gear Brq Temp-Mtr End
ANL	100 RTD	MUP 52-TE2	N/A	180 <sup>0</sup> F	40-240 <sup>0</sup> F	367	MUP-P1A Mtr Brq Temp Outbd
ANL	100 RTD	MUP 52-TE4	N/A	180 <sup>0</sup> F	40-240 <sup>0</sup> F	368	MUP-P1b Mtr Brq Temp Outbd
ANL	100 RTD	MUP 52-TE6	N/A	180 <sup>0</sup> F	40-240 <sup>0</sup> F	369	MUP-P1C mtr Brq Temp Outbd
ANL	100 RTD	MUP 52-TE1	N/A	180 <sup>0</sup> F	40-240 <sup>0</sup> F	370	MUP-P1A mtr Brq Temp-Gear End
ANL	100 RTD	MUP 52-TE3	N/A	180 <sup>0</sup> F	40-240 <sup>0</sup> F	371	MUP-P1B Mtr Brq Temp-Gear End
ANL	100 RTD	MUP 52-TE5	N/A	180 <sup>0</sup> F	40-240 <sup>0</sup> F	372	MUP-P1C Mtr Brq Temp-Gear End
ANL	-100- +100mV	MU 10-FT1	N/A	N/A	0-2 gpm	771	MU RCP 1A Seal Ret Flow (GPM)
ANL	-100- +100mV	MU 10-FT2	N/A	N/A	0-2 gpm	772	MU RCP 2A Seal Ret Flow (GPM)
ANL	-100- +100mV	MU 10-FT4	N/A	N/A	0-2 gpm	773	MU RCP 2B Seal Ret Flow (GPM)
ANL	-100- +100mV	MU 10-FT3	N/A	N/A	0-2 gpm	774	MU RCP 1B Seal Ret Flow (GPM)



Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
ANL	100 RTD	MU TE-723	N/A	N/A	0-200 <sup>o</sup> F	991	Seal Return Clrs Inlet
ANL	100 RTD	MU TE-724	N/A	N/A	0-200 <sup>o</sup> F	992	Seal Return Clr 2A Outlet
ANL	100 RTD	MU TE-736	N/A	N/A	0-200 <sup>o</sup> F	993	Seal Return Clr 2B Outlet
ANL	100 RTD	MU TE-739	N/A	135 <sup>o</sup> F	0-300 <sup>o</sup> F	994	Letdown Clr 1A Outlet
ANL	100 RTD	MU TE-740	N/A	135 <sup>o</sup> F	0-300 <sup>o</sup> F	995	Letdown Clr 1B Outlet
ANL	100 RTD	MU TE-741	N/A	N/A	0-650 <sup>o</sup> F	996	Letdown Clrs Inlet
ANL	10 Cop- per RTD	MU 53-TE6	N/A	260 <sup>o</sup> F	40-300	1663	Makeup Pmp 1A Mot Stator
ANL	10 Cop- per RTD	MU 53-TE12	N/A	260 <sup>o</sup> F	40-300	1664	Makeup Pmp 1B Mot Stator
ANL	10 Cop- per RTD	MU 53-TE18	N/A	260 <sup>o</sup> F	40-300	1665	Makeup Pmp 1C Mot Stator
CMP	N/A	Calc.	N/A	N/A	0-160 GPM	1680	Makeup Letdown Flow (GPM)
CMP	N/A	Calc.	N/A	N/A	0-77K LB/Hr	1681	Mu letdown Flow (K LB/Hr)
DIG	N/A	30T/M- P-1A	N/A	N/A	Norm/Trip	2919	<del>MUP P 1A Mtr Status</del> 52A
DIG	N/A	30T/M- P-1B	N/A	N/A	Norm/Trip	2920	MUP P 1B Mtr Status
DIG	N/A	30T/M- P-1C	N/A	N/A	Norm/Trip	2921	MUP PIC Mtr Status
DIG	N/A	MU 6-PS	N/A	N/A	Norm/High	2936	MU Letdown Press
DIG	N/A	MUP- 58-PS1	N/A	N/A	Norm/Low	2942	MUP P 1A Lube Oil Press
DIG	N/A	MUP- 58-PS4	N/A	N/A	Norm/Low	2943	MUP P 1B Lube Oil Press

Point Type	Input Range	Point Source	Low Alarm	High Alarm	Engr Range Units	Point No.	Point Descriptor
DIG	N/A	MUP 58-PS7	N/A	N/A	Norm/Low	2944	MUP-P1C Lube Oil Press
DIG	N/A	MUP 58-PS1	N/A	N/A	Norm/Low	2945	MUP-P1A Aux Lube Oil Press
DIG	N/A	MUP 58-PS2	N/A	N/A	Norm/Low	2946	MUP-P1B Aux Lube Oil Press
DIG	N/A	MUP 58-PS3	N/A	N/A	Norm/Low	2947	MUP-P1C Aux Lube Oil Press
DIG	N/A	NS-FS 3102	N/A	N/A	Norm/Low	2948	MUP-P1A Mtr Cooling Wtr
DIG	N/A	NS-FS 3103-1	N/A	N/A	Norm/Low	2949	MUP-P1B Mtr Cooling Wtr
DIG	N/A	NS-FS 3104	N/A	N/A	Norm/Low	2950	MUP-P1C Mtr Cooling Wtr
SOE	N/A	30 T/M P-1A	N/A	N/A	Norm/Trip	3172	<del>RC Makeup Pmp 2A Tripped</del>
SOE	N/A	30 T/M P-1B	N/A	N/A	Norm/Trip	3173	RC Makeup Pmp 2B Tripped
SOE	N/A	30 T/M P-1C	N/A	N/A	Norm/Trip	3174	RC Makeup Pmp 2C Tripped

SOFTWARE REVERSED MEANING  
 FAILED