

CONTROL PANEL DIGITAL OUTPUTS (TBDO)			
TERM #	WIRE #	DESTINATION	LINE DESCRIPTION
CP-28	S181	SP-181	MFP-1 IN STANDBY
CP-28A	S181A	SP-181A	MFP-1 IN STANDBY
CP-30	S182	SP-182	MFP-2 IN STANDBY
CP-30A	S182A	SP-182A	MFP-2 IN STANDBY
CP-32	S183	SP-183	MFP-3 IN STANDBY
CP-32A	S183A	SP-183A	MFP-3 IN STANDBY
CP-169	C169	TBM1-9C	MFP-1 FLOAT CALL
CP-169A	C169A	TBM1-9D	MFP-1 FLOAT CALL
CP-170	C170	TBM2-9C	MFP-2 FLOAT CALL
CP-170A	C170A	TBM2-9D	MFP-2 FLOAT CALL
CP-171	C171	TBM3-9C	MFP-3 FLOAT CALL
CP-171A	C171A	TBM3-9D	MFP-3 FLOAT CALL
CP-172	C172	TBLF4-9C	LFP-4 FLOAT CALL
CP-172A	C172A	TBLF4-9D	LFP-4 FLOAT CALL
CP-173	C173	AI-9	HIGH WATER ALARM FOR AEGIS SYSTEM
CP-173A	C173A	AI-10	HIGH WATER ALARM FOR AEGIS SYSTEM
CP-174	C174	AI-11	LOW WATER ALARM FOR AEGIS SYSTEM
CP-174A	C174A	AI-12	LOW WATER ALARM FOR AEGIS SYSTEM
CP-175	C175	AI-13	CONTROL PANEL CP47 POWER FAILURE
CP-175A	C175A	AI-14	CONTROL PANEL CP47 POWER FAILURE
CP-176	S60	SP-60	MAIN FLOW PUMPS FAIL TO STOP
CP-176A	S60A	SP-60A	MAIN FLOW PUMPS FAIL TO STOP
CP-202	C202	ATS-M	SERVICE NO. 1 POWER FAILURE
CP-204	C204	ATS-N	SERVICE NO. 1 POWER FAILURE
CP-205	C205	ATS-O	SERVICE NO. 2 POWER FAILURE
CP-207	C207	ATS-P	SERVICE NO. 2 POWER FAILURE
CP-238	C238	TBM1-31B	MAIN FLOW PUMP NO. 1 MOTOR WINDING TEMP/MOISTURE HIGH
CP-238	C238A	TBM1-30	MAIN FLOW PUMP NO. 1 MOTOR WINDING TEMP/MOISTURE HIGH
CP-240	C240	TBM1-31C	MAIN FLOW PUMP NO. 1 MOTOR WINDING TEMP/MOISTURE HIGH
CP-240	C240A	TBM1-30A	MAIN FLOW PUMP NO. 1 MOTOR WINDING TEMP/MOISTURE HIGH
CP-241	C241	TBM2-31B	MAIN FLOW PUMP NO. 2 MOTOR WINDING TEMP/MOISTURE HIGH
CP-241	C241A	TBM2-30	MAIN FLOW PUMP NO. 2 MOTOR WINDING TEMP/MOISTURE HIGH
CP-243	C243	TBM2-31C	MAIN FLOW PUMP NO. 2 MOTOR WINDING TEMP/MOISTURE HIGH
CP-243	C243A	TBM2-30A	MAIN FLOW PUMP NO. 2 MOTOR WINDING TEMP/MOISTURE HIGH
CP-244	C244	TBM3-31B	MAIN FLOW PUMP NO. 3 MOTOR WINDING TEMP/MOISTURE HIGH
CP-244	C244A	TBM3-30	MAIN FLOW PUMP NO. 3 MOTOR WINDING TEMP/MOISTURE HIGH
CP-246	C246	TBM3-31C	MAIN FLOW PUMP NO. 3 MOTOR WINDING TEMP/MOISTURE HIGH
CP-246	C246A	TBM3-30A	MAIN FLOW PUMP NO. 3 MOTOR WINDING TEMP/MOISTURE HIGH
CP-247	C247	TBLF4-31B	LOW FLOW PUMP MOTOR WINDING TEMP/MOISTURE HIGH
CP-247	C247A	TBLF4-30	LOW FLOW PUMP MOTOR WINDING TEMP/MOISTURE HIGH
CP-249	C249	TBLF4-31C	LOW FLOW PUMP MOTOR WINDING TEMP/MOISTURE HIGH
CP-249	C249A	TBLF4-30A	LOW FLOW PUMP MOTOR WINDING TEMP/MOISTURE HIGH
CP-250	C250	ATS-Q	ATS FAILURE
CP-252	C252	ATS-R	ATS FAILURE
CP-262	C262	TBM1-17	MAIN FLOW PUMP NO. 1 OVERLOAD TRIP
CP-264	C264	TBM1-17A	MAIN FLOW PUMP NO. 1 OVERLOAD TRIP
CP-265	C265	TBM2-17	MAIN FLOW PUMP NO. 2 OVERLOAD TRIP
CP-267	C267	TBM2-17A	MAIN FLOW PUMP NO. 2 OVERLOAD TRIP
CP-268	C268	TBM3-17	MAIN FLOW PUMP NO. 3 OVERLOAD TRIP
CP-270	C270	TBM3-17A	MAIN FLOW PUMP NO. 3 OVERLOAD TRIP

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CP-271	C271	TBLF4-17	LOW FLOW PUMP OVERLOAD TRIP
CP-273	C273	TBLF4-17	LOW FLOW PUMP OVERLOAD TRIP
CP-274	C274	ATS-S	ATS IN BYPASS MODE
CP-276	C276	ATS-T	ATS IN BYPASS MODE
CP-280	C280	GM-13	COMBUSTIBLE GAS MONITOR TROUBLE
CP-282	C282	GM-14	COMBUSTIBLE GAS MONITOR TROUBLE
CP-298	C298	FA-7	FIRE PANEL TROUBLE
CP-300	C300	FA-8	FIRE PANEL TROUBLE
CP-301	C301	AI-5	INTRUSION/AEGIS SYSTEM TROUBLE
CP-301	C301A	AI-15	INTRUSION/AEGIS SYSTEM TROUBLE
CP-303	C303	AI-6	INTRUSION/AEGIS SYSTEM TROUBLE
CP-303	C303A	AI-16	INTRUSION/AEGIS SYSTEM TROUBLE
CP-304	C304	GM-11	COMBUSTIBLE GAS PRESENT
CP-306	C306	GM-12	COMBUSTIBLE GAS PRESENT
CP-322	C322	FA-5	FIRE PANEL ALARM
CP-324	C324	FA-6	FIRE PANEL ALARM
CP-325	C325	AI-1	INTRUSION ALARM
CP-327	C327	AI-2	INTRUSION ALARM
CP-334	C334	S-26	DRY WELL FLOODING ALARM
CP-336	C336	S-27	DRY WELL FLOODING ALARM
CP-337	C337	S-24	DRY WELL SUMP PUMP FAILURE
CP-339	C339	S-25	DRY WELL SUMP PUMP FAILURE
CP-417	C417	RP-1	RECIRCULATION PIPE VALVE CONTROL
CP-417A	C417A	RP-1A	RECIRCULATION PIPE VALVE CONTROL
CP-418	C418A	RP-3A	RECIRCULATION PIPE VALVE CONTROL
CP-421	C421	RP-7A	RECIRCULATION PIPE VALVE CONTROL
CP-421A	C421A	RP-7B	RECIRCULATION PIPE VALVE CONTROL
CP-423A	C423A	TBM1-14A	LOW WATER ALARM
CP-423B	C423B	TBM1-14B	LOW WATER ALARM
CP-424A	C424A	TBM2-14A	LOW WATER ALARM
CP-424B	C424B	TBM2-14B	LOW WATER ALARM
CP-425A	C425A	TBM3-14A	LOW WATER ALARM
CP-425B	C425B	TBM3-14B	LOW WATER ALARM
CP-426A	C426A	TBLF4-14A	LOW WATER ALARM
CP-426B	C426B	TBLF4-14B	LOW WATER ALARM
CP-456	C104A	TBM1-7G	MAIN FLOW PUMP NO. 1 CALLED FOR
CP-456A	C105	TBM1-7H	MAIN FLOW PUMP NO. 1 CALLED FOR
CP-457	C457	TBM2-7G	MAIN FLOW PUMP NO. 2 CALLED FOR
CP-457A	C457A	TBM2-7H	MAIN FLOW PUMP NO. 2 CALLED FOR
CP-458	C458	TBM3-7G	MAIN FLOW PUMP NO. 3 CALLED FOR
CP-458A	C458A	TBM3-7H	MAIN FLOW PUMP NO. 3 CALLED FOR
CP-459	C459	TBLF4-7G	LOW FLOW PUMP CALLED FOR
CP-459A	C459A	TBLF4-7H	LOW FLOW PUMP CALLED FOR
CP-500	S184	SP-184	HIGH WATER ALARM FLOAT LSH-008
CP-500A	S184A	SP-184A	HIGH WATER ALARM FLOAT LSH-008
CP-501	S185	SP-185	LAG PUMP START FLOAT LS-008D
CP-501A	S185A	SP-185A	LAG PUMP START FLOAT LS-008D
CP-502	S186	SP-186	LEAD PUMP START/LOW FLOW PUMP STOP FLOAT LS-008C
CP-502A	S186A	SP-186A	LEAD PUMP START/LOW FLOW PUMP STOP FLOAT LS-008C

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TERM #	WIRE #	DESTINATION	LINE DESCRIPTION
CP-503	S187	SP-187	LOW FLOW PUMP START FLOAT LS-008B
CP-503A	S187A	SP-187A	LOW FLOW PUMP START FLOAT LS-008B
CP-504	S188	SP-188	MAIN FLOW PUMPS RUN INHIBIT FLOAT LS-008A
CP-504A	S188A	SP-188A	MAIN FLOW PUMPS RUN INHIBIT FLOAT LS-008A
CP-505	S189	SP-189	LOW FLOW PUMP STOP FLOAT LS-008
CP-505A	S189A	SP-189A	LOW FLOW PUMP STOP FLOAT LS-008
CP-506	S190	SP-190	LOW WATER ALARM FLOAT LSL-008
CP-506A	S190A	SP-190A	LOW WATER ALARM FLOAT LSL-008
CP-507	S155	SP-155	PAVEMENT FLOODED ALARM
CP-507A	S155A	SP-155A	PAVEMENT FLOODED ALARM
CP-508	S140	SP-140	LOW FLOW PUMP FAILURE
CP-508A	S140A	SP-140A	LOW FLOW PUMP FAILURE
CP-509	S63	SP-63	MAIN FLOW PUMP FAILURE
CP-509A	S63A	SP-63A	MAIN FLOW PUMP FAILURE
CP-510	S234	SP-234	ALARM ACKNOWLEDGE
CP-510A	S234A	SP-234A	ALARM ACKNOWLEDGE
CP-511	S212	SP-212	PILOT LIGHT TEST
CP-511A	S212A	SP-212A	PILOT LIGHT TEST
CP-512	S154	SP-154	DISCHARGE CHAMBER HIGH WATER LEVEL
CP-512A	S154A	SP-154A	DISCHARGE CHAMBER HIGH WATER LEVEL
CP-513	S210	SP-210	RECIRCULATION PIPE VALVE FULLY OPEN
CP-513A	S210A	SP-210A	RECIRCULATION PIPE VALVE FULLY OPEN
CP-514	S211	SP-211	RECIRCULATION PIPE VALVE FULLY CLOSED
CP-514A	S211A	SP-211A	RECIRCULATION PIPE VALVE FULLY CLOSED
CP-515	S64	SP-64	MFP-1 FLOAT CALL
CP-515A	S64A	SP-64A	MFP-1 FLOAT CALL
CP-516	S83	SP-83	MFP-2 FLOAT CALL
CP-516A	S83A	SP-83A	MFP-2 FLOAT CALL
CP-517	S108	SP-108	MFP-3 FLOAT CALL
CP-517A	S108A	SP-108A	MFP-3 FLOAT CALL
CP-518	S133	SP-133	LFP-4 FLOAT CALL
CP-518A	S133A	SP-133A	LFP-4 FLOAT CALL
CP-519	S59	SP-59	FLOAT CONTROL ACTIVATED
CP-519A	S59A	SP-59A	FLOAT CONTROL ACTIVATED
CP-520	S84	SP-84	CONTROL PANEL A/C POWER AVAILABLE
CP-520A	S84A	SP-84A	CONTROL PANEL A/C POWER AVAILABLE
CP-521	S58	SP-58	MFP-1 FAILURE
CP-521A	S58A	SP-58A	MFP-1 FAILURE
CP-522	S85	SP-85	MFP-2 FAILURE
CP-522A	S85A	SP-85A	MFP-2 FAILURE
CP-523	S111	SP-111	MFP-3 FAILURE
CP-523A	S111A	SP-111A	MFP-3 FAILURE