

CONTROL PANEL DIGITAL INPUTS (TBDI)			
TERM #	WIRE #	ORIGINATION	DESCRIPTION OF INPUTS
CP-40	C40	SP-277	PRIMARY LEVEL TRANSDUCER FAILURE
CP-40A	C40A	SP-303A	SECONDARY LEVEL TRANSDUCER FAILURE
CP-43	C43	SP-277A	PRIMARY LEVEL TRANSDUCER FAILURE
CP-43	C43A	SP-303	SECONDARY LEVEL TRANSDUCER FAILURE
CP-165A	C165A	TBM1-10E	MFP-1 RUNNING
CP-165B	C165B	TBM1-10F	MFP-1 RUNNING
CP-166A	C166A	TBM2-10E	MFP-2 RUNNING
CP-166B	C166B	TBM2-10F	MFP-2 RUNNING
CP-167A	C167A	TBM3-10E	MFP-3 RUNNING
CP-167B	C167B	TBM3-10F	MFP-3 RUNNING
CP-211	C211	SP-3	SCADA PANEL A/C PWR. AVAILABLE
CP-213	C213	SP-3A	SCADA PANEL A/C PWR. AVAILABLE
CP-226	C226	SP-280	SPARE FOR FUTURE
CP-228	C228	SP-280A	SPARE FOR FUTURE
CP-229	C229	SP-281	SPARE FOR FUTURE
CP-231	C231	SP-281A	SPARE FOR FUTURE
CP-232	C232	SP-326	SPARE FOR FUTURE
CP-234	C234	SP-326A	SPARE FOR FUTURE
CP-235	C235	SP-328	SCADA PANEL PLC TROUBLE
CP-237	C237	SP-328A	SCADA PANEL PLC TROUBLE
CP-253	C253	SP-357	PRIMARY BUBBLER SYSTEM FAILURE
CP-255	C255	SP-357A	PRIMARY BUBBLER SYSTEM FAILURE
CP-256	C256	SP-327	SPARE FOR FUTURE
CP-258	C258	SP-327A	SPARE FOR FUTURE
CP-259	C259	SP-329	SCADA PANEL PLC FAILURE
CP-261	C261	SP-329A	SCADA PANEL PLC FAILURE
CP-277	C277	SP-306	SECONDARY BUBBLER SYSTEM FAILURE
CP-279	C279	SP-306A	SECONDARY BUBBLER SYSTEM FAILURE
CP-283	C283	SP-353	SCADA PANEL UPS LOW BATTERY
CP-285	C285	SP-353A	SCADA PANEL UPS LOW BATTERY
CP-286	C286	SP-304	BUBBLER SYSTEM WET WELL HIGH WATER ALARM
CP-288	C288	SP-304A	BUBBLER SYSTEM WET WELL HIGH WATER ALARM
CP-292	C292	SP-308	ELECTRICAL ROOM HIGH TEMPERATURE
CP-294	C294	SP-308A	ELECTRICAL ROOM HIGH TEMPERATURE
CP-295	C295	SP-301	DRY WELL HIGH TEMPERATURE
CP-297	C297	SP-301A	DRY WELL HIGH TEMPERATURE
CP-307	C307	SP-354	SCADA PANEL UPS FAULT/OVERLOAD
CP-309	C309	SP-354A	SCADA PANEL UPS FAULT/OVERLOAD
CP-310	C310	SP-305	BUBBLER SYSTEM WET WELL LOW WATER ALARM
CP-312	C312	SP-305A	BUBBLER SYSTEM WET WELL LOW WATER ALARM
CP-313	C313	SP-307	BAR RACK CLOGGED
CP-315	C315	SP-307A	BAR RACK CLOGGED
CP-316	C316	SP-309	ELECTRICAL ROOM LOW TEMPERATURE
CP-318	C318	SP-309A	ELECTRICAL ROOM LOW TEMPERATURE
CP-319	C319	SP-302	DRY WELL LOW TEMPERATURE
CP-321	C321	SP-302A	DRY WELL LOW TEMPERATURE
CP-331	C331	SP-355	SPARE FOR FUTURE
CP-333	C333	SP-355A	SPARE FOR FUTURE
CP-340	C340	SP-358	SPARE FOR FUTURE
CP-342	C342	SP-358A	SPARE FOR FUTURE

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CP-343	C343	SP-356	SPARE FOR FUTURE
CP-345	C345	SP-356A	SPARE FOR FUTURE
CP-355	C355	SP-276	SCADA ALARM ACKNOWLEDGEMENT
CP-356	C356	SP-276A	SCADA ALARM ACKNOWLEDGEMENT
CP-400	C400	TBM1-7E	TIME DELAY FAIL 1
CP-400A	C400A	TBM1-7F	TIME DELAY FAIL 1
CP-401	C401	TBM2-7E	TIME DELAY FAIL 2
CP-401A	C401A	TBM2-7F	TIME DELAY FAIL 2
CP-402	C402	TBM3-7E	TIME DELAY FAIL 3
CP-402A	C402A	TBM3-7F	TIME DELAY FAIL 3
CP-403	C403	TBLF4-7E	TIME DELAY FAIL 4
CP-403A	C403A	TBLF4-7F	TIME DELAY FAIL 4
CP-404A	C404A	TBM1-12	MFP-1 NOT RUNNING
CP-404B	C404B	TBM1-12A	MFP-1 NOT RUNNING
CP-405A	C405A	TBM2-12	MFP-2 NOT RUNNING
CP-405B	C405B	TBM2-12A	MFP-2 NOT RUNNING
CP-406A	C406A	TBM3-12	MFP-3 NOT RUNNING
CP-406B	C406B	TBM3-12A	MFP-3 NOT RUNNING
CP-407A	C407A	TBLF4-13	LFP-4 NOT RUNNING
CP-407B	C407B	TBLF4-13A	LFP-4 NOT RUNNING
CP-450	C450	SP-351	PUMP OPERATION VIA BUBBLER CONTROL
CP-450A	C450A	SP-351A	PUMP OPERATION VIA BUBBLER CONTROL
CP-451	C451	SP-352	PUMP OPERATION VIA FLOAT CONTROL
CP-451A	C451A	SP-352A	PUMP OPERATION VIA FLOAT CONTROL
CP-452	C452	SP-278	LEAD PUMP CALLED FOR
CP-452A	C452A	SP-278A	LEAD PUMP CALLED FOR
CP-454	C454	SP-279	LAG PUMP CALLED FOR
CP-454A	C454A	SP-279A	LAG PUMP CALLED FOR

CONTROL PANEL INTRINSICALLY SAFE DIGITAL INPUTS (TBDIIS)			
TERM #	WIRE #	ORIGINATION	DESCRIPTION OF INPUTS
CP-58	C58	LSH-008	WET WELL HIGH WATER ALARM
CP-58A	C58A	LSH-008	WET WELL HIGH WATER ALARM
CP-63	C63	LS-008D	LAG PUMP START
CP-63A	C63A	LS-008D	LAG PUMP START
CP-68	C68	LS-008C	LEAD START/LFP-4 STOP (LAG STOP)
CP-68A	C68A	LS-008C	LEAD START/LFP-4 STOP (LAG STOP)
CP-73	C73	LS-008B	LFP-4 START (LEAD STOP/LFP-4 START)
CP-73A	C73A	LS-008B	LFP-4 START (LEAD STOP/LFP-4 START)
CP-78	C78	LS-008A	MAIN FLOW PUMPS RUN INHIBIT
CP-78A	C78A	LS-008A	MAIN FLOW PUMPS RUN INHIBIT
CP-83	C83	LS-008	LOW FLOW PUMP STOP
CP-83A	C83A	LS-008	LOW FLOW PUMP STOP
CP-88	C88	LSL-008	WET WELL LOW WATER ALARM
CP-88A	C88A	LSL-008	WET WELL LOW WATER ALARM
CP-96	C96	LSH-050	PAVEMENT FLOODED CONTROL RELAY
CP-96A	C96A	LSH-050	PAVEMENT FLOODED CONTROL RELAY
CP-413	C413	LSH-011	DISCHARGE CHAMBER HIGH WATER ALARM
CP-413A	C413A	LSH-011	DISCHARGE CHAMBER HIGH WATER ALARM
CP-429	C429	RP1-A	RECIRCULATION PIPE VALVE FULLY OPEN
CP-429A	C429A	RP1-B	RECIRCULATION PIPE VALVE FULLY OPEN
CP-432	C432	RP3-A	RECIRCULATION PIPE VALVE FULLY CLOSED
CP-432A	C432A	RP3-B	RECIRCULATION PIPE VALVE FULLY CLOSED