CONTROL PANEL DIGITAL INPUTS(TBDI)			
TERM #	WIRE #	ORIGINATIION	DESCRIPTION OF INPUTS
32	CP-32	FLOAT 1	HIGH WATER ALARM
32A	CP-32A	FLOAT 1	HIGH WATER ALARM
37	CP-37	FLOAT 2	START LAG 5 MAIN PUMP
37A	CP-37A	FLOAT 2	START LAG 5 MAIN PUMP
42	CP-42	FLOAT 3	START LAG 4 MAIN PUMP
42A	CP-42A	FLOAT 3	START LAG 4 MAIN PUMP
47	CP-47	FLOAT 4	START LAG 3 MAIN PUMP
47A	CP-47A	FLOAT 4	START LAG 3 MAIN PUMP
52	CP-52	FLOAT 5	STOP LAG 5 MAIN PUMP
52A	CP-92A	FLOAT 5	STOP LAG 5 MAIN PUMP
57	CP-57	FLOAT 6	START LAG 2 MAIN PUMP
57A	CP-57A	FLOAT 6	START LAG 2 MAIN PUMP
62	CP-62	FLOAT 7	STOP LAG 4 MAIN PUMP
62A	CP-62A	FLOAT 7	STOP LAG 4 MAIN PUMP
67	CP-67	FLOAT 8	START LAG 1 MAIN PUMP
67A	CP-67A	FLOAT 8	START LAG 1 MAIN PUMP
72	CP-72	FLOAT 9	STOP LAG 3 MAIN PUMP
72A	CP-72A	FLOAT 9	STOP LAG 3 MAIN PUMP
77	CP-77	FLOAT 10	START LEAD MAIN PUMP, STOP MIXERS
77A	CP-77A	FLOAT 10	START LEAD MAIN PUMP, STOP MIXERS
82	CP-82	FLOAT 11	STOP LAG 2 PUMP
82A	CP-82A	FLOAT 11	STOP LAG 2 PUMP
87	CP-87	FLOAT 12	START LAG SUMP PUMP
87A	CP-87A	FLOAT 12	START LAG SUMP PUMP
92	CP-92	FLOAT 13	STOP LAG 1 MAIN PUMP
92A	CP-92A	FLOAT 13	STOP LAG 1 MAIN PUMP
97	CP-97	FLOAT 14	START MIXERS
97A	CP-97A	FLOAT 14	START MIXERS
102	CP-102	FLOAT 15	START LEAD SUMP PUMP
102A	CP-102A	FLOAT 15	START LEAD SUMP PUMP
107	CP-107	FLOAT 16	MAIN PUMPS FAIL TO STOP
107A	CP-107A	FLOAT 16	MAIN PUMPS FAIL TO STOP
112	CP-112	FLOAT 17	STOP LAG SUMP PUMP
112A	CP-112A	FLOAT 17	STOP LAG SUMP PUMP
117	CP-117	FLOAT 18	STOP LEAD SUMP PUMP
117A	CP-117A	FLOAT 18	STOP LEAD SUMP PUMP
122	CP-122	FLOAT 19	LOW WATER ALARM
122A	CP-122A	FLOAT 19	LOW WATER ALARM
5	CP-5	SP-DO-P26	ENABLE RTU-1 OUTPUT
11	CP-166	SP-DO-P26X	ENABLE RTU-1 OUTPUT
1	CP-1	SP-DO-P15	SCADA LEAD CALL
166	CP-11	SP-DO-P15X	SCADA LEAD CALL
1	CP-1	SP-DO-P16	SCADA LAG 1 CALL
167	CP-167	SP-DO-P16X	SCADA LAG 1 CALL
1	CP-1	SP-DO-P17	SCADA LAG 2 CALL
168	CP-168	SP-DO-P17X	SCADA LAG 2 CALL
1	CP-1	SP-DO-P18	SCADA LAG 3 CALL
169	CP-169	SP-DO-P18X	SCADA LAG 3 CALL
1	CP-1	SP-DO-P19	SCADA LAG 4 CALL
168	CP-168	SP-DO-P19X	SCADA LAG 4 CALL
1	CP-1	SP-DO-P20	SCADA LAG 5 CALL
169	CP-169	SP-DO-P20X	SCADA LAG 5 CALL
1	CP-1	SP-DO-P21	SCADA LEAD SUMP PUMP CALL
170	CP-170	SP-DO-P21X	SCADA LEAD SUMP PUMP CALL
1	CP-1	SP-DO-P22	SCADA LAG SUMP PUMP CALL
171	CP-171	SP-DO-P22X	SCADA LAG SUMP PUMP CALL
1	CP-1	SP-DO-P23	SCADA MIXER CALL
189	CP-189	SP-DO-P23X	SCADA MIXER CALL
244	CP-244	M1-22A	MAIN PUMP 1 FAIL
246	CP-246	M1-22B	MAIN PUMP 1 FAIL
247	CP-247	M2-22A	MAIN PUMP 2 FAIL
249	CP-249	M2-22B	MAIN PUMP 2 FAIL
250	CP-250	M3-22A	MAIN PUMP 3 FAIL
252	CP-252	M3-22B	MAIN PUMP 3 FAIL
253	CP-253	M4-22A	MAIN PUMP 4 FAIL
255	CP-255	M4-22B	MAIN PUMP 4 FAIL
256	CP-256	M5-22A	MAIN PUMP 5 FAIL
258	CP-258	M5-22B	MAIN PUMP 5 FAIL
259	CP-259	M6-22A	MAIN PUMP 6 FAIL
261	CP-261	M6-22B	MAIN PUMP 6 FAIL
262	CP-262	M1-57	MAIN PUMP 1 OVER TEMP/MOIST
264	CP-264	M1-57A	MAIN PUMP 1 OVER TEMP/MOIST
265	CP-265	M2-57	MAIN PUMP 2 OVER TEMP/MOIST
267	CP-267	M2-57A	MAIN PUMP 2 OVER TEMP/MOIST
268	CP-268	M3-57	MAIN PUMP 3 OVER TEMP/MOIST
270	CP-270	M3-57A	MAIN PUMP 3 OVER TEMP/MOIST
271	CP-271	M4-57	MAIN PUMP 4 OVER TEMP/MOIST
273	CP-273	M4-57A	MAIN PUMP 4 OVER TEMP/MOIST
274	CP-274	M5-57	MAIN PUMP 5 OVER TEMP/MOIST
276	CP-276	M5-57A	MAIN PUMP 5 OVER TEMP/MOIST
277	CP-277	M6-30A	MAIN PUMP 6 OVER TEMP/MOIST
279	CP-279	M6-30B	MAIN PUMP 6 OVER TEMP/MOIST
280	CP-280	M7-22A	SUMP PUMP 1 FAIL
282	CP-282	M7-22B	SUMP PUMP 1 FAIL
283	CP-283	M8-22A	SUMP PUMP 2 FAIL
285	CP-285	M8-22B	SUMP PUMP 2 FAIL
286	CP-286	M9-23D	SUBMERSIBLE MIXER 1 FAIL
288	CP-288	M9-23E	SUBMERSIBLE MIXER 1 FAIL
289	CP-289	M9-23D	SUBMERSIBLE MIXER 2 FAIL
291	CP-291	M9-23E	SUBMERSIBLE MIXER 2 FAIL
292	CP-292	M9-23D	SUBMERSIBLE MIXER 3 FAIL
294	CP-294	M9-23E	SUBMERSIBLE MIXER 3 FAIL
295	CP-295	M9-23D	SUBMERSIBLE MIXER 4 FAIL
297	CP-297	M9-23E	SUBMERSIBLE MIXER 4 FAIL

CONTROL PANEL DIGITAL INPUTS(TBDI)			DESCRIPTION OF INPUTS
TERM #	WIRE #	ORIGINATION	
298	CP-292	M7-57	SUMP PUMP 1 OVER TEMP/MOIST
300	CP-293	M7-57A	SUMP PUMP 1 OVER TEMP/MOIST
301	CP-341	M8-57	SUMP PUMP 2 OVER TEMP/MOIST
302	CP-342	M8-57A	SUMP PUMP 2 OVER TEMP/MOIST
304	CP-343	M9-23D	MIXER 1 OVER TEMP/MOIST
306	CP-344	M9-23E	MIXER 1 OVER TEMP/MOIST
307	CP-346	M10-23D	MIXER 2 OVER TEMP/MOIST
309	CP-347	M10-23E	MIXER 2 OVER TEMP/MOIST
310	CP-343	M11-23D	MIXER 3 OVER TEMP/MOIST
312	CP-344	M11-23E	MIXER 3 OVER TEMP/MOIST
313	CP-346	M12-23D	MIXER 4 OVER TEMP/MOIST
315	CP-347	M12-23E	MIXER 4 OVER TEMP/MOIST
334	CP-349	SWGR-19	INC. LINE 1 NORM SOURCE POWER FAIL
336	CP-350	SWGR-20	INC. LINE 1 NORM SOURCE POWER FAIL
337	CP-292	SWGR-21	INC. LINE 2 EMER SOURCE POWER FAIL
339	CP-293	SWGR-22	INC. LINE 2 EMER SOURCE POWER FAIL
340	CP-292	GEN-7	GENERATOR ALARM
342	CP-293	GEN-8	GENERATOR ALARM
343	CP-341	SP-DO-P28	SCADA PANEL AC POWER FAILURE
345	CP-342	SP-DO-P28X	SCADA PANEL AC POWER FAILURE
343	CP-343	SP-DO-P27	SCADA PANEL ALARM
344	CP-344	SP-DO-P27X	SCADA PANEL ALARM
361	CP-346	FIRE ALARM PANEL	FIRE ALARM
363	CP-347	FIRE ALARM PANEL	FIRE ALARM
367	CP-344	CO-5	CARBONMONOXIDE ALARM
369	CP-346	CO-6	CARBONMONOXIDE ALARM
370	CP-347	CO-7	CO DETECTOR FAIL
372	CP-347	CO-8	CO DETECTOR FAIL
376	CP-343	SP-DO-P24	ALARM ACKNOWLEDGE
376A	CP-344	SP-DO-P24X	ALARM ACKNOWLEDGE
391	CP-346	SPDI-120	ALARM ACKNOWLEDGED
391A	CP-347	SPDI-120C	ALARM ACKNOWLEDGED
420	CP-349	M1-5B	MAIN PUMP 1 FAILURE
420A	CP-350	M1-5C	MAIN PUMP 1 FAILURE
421	CP-349	M2-5B	MAIN PUMP 2 FAILURE
421A	CP-350	M2-5C	MAIN PUMP 2 FAILURE
422	CP-349	M3-5B	MAIN PUMP 3 FAILURE
422A	CP-350	M3-5C	MAIN PUMP 3 FAILURE
423	CP-349	M4-5B	MAIN PUMP 4 FAILURE
423A	CP-350	M4-5C	MAIN PUMP 4 FAILURE
424	CP-349	M5-5B	MAIN PUMP 5 FAILURE
424A	CP-350	M5-5C	MAIN PUMP 5 FAILURE
425	CP-349	M6-5B	MAIN PUMP 6 FAILURE
425A	CP-350	M6-5C	MAIN PUMP 6 FAILURE
426	CP-349	M7-5B	SUMP PUMP 1 FAILURE
426A	CP-350	M7-5C	SUMP PUMP 1 FAILURE
427	CP-349	M8-5B	SUMP PUMP 2 FAILURE
427A	CP-350	M8-5C	SUMP PUMP 2 FAILURE
428	CP-349	M9-6	MIXER 1 FAILURE
428A	CP-350	M9-6A	MIXER 1 FAILURE
428	CP-349	M10-6	MIXER 2 FAILURE
429	CP-350	M10-6A	MIXER 2 FAILURE
428	CP-349	M11-6	MIXER 3 FAILURE
430	CP-350	M11-6A	MIXER 3 FAILURE
428	CP-349	M12-6	MIXER 4 FAILURE
431	CP-350	M12-6A	MIXER 4 FAILURE
463	CP-463	GSD1 +	COMBUSTIBLE GAS SENSOR 1
463A	CP-463	GSD1 −	COMBUSTIBLE GAS SENSOR 1
464	CP-463	GSD1 S	COMBUSTIBLE GAS SENSOR 1
466	CP-463	GSD2 +	COMBUSTIBLE GAS SENSOR 2
466A	CP-463	GSD2 −	COMBUSTIBLE GAS SENSOR 2
467	CP-463	GSD2 S	COMBUSTIBLE GAS SENSOR 2
469	CP-463	GSD3 +	COMBUSTIBLE GAS SENSOR 3
469A	CP-463	GSD3 −	COMBUSTIBLE GAS SENSOR 3
470	CP-463	GSD3 S	COMBUSTIBLE GAS SENSOR 3
472	CP-463	GSD4 +	COMBUSTIBLE GAS SENSOR 4
472A	CP-463	GSD4 −	COMBUSTIBLE GAS SENSOR 4
473	CP-463	GSD4 S	COMBUSTIBLE GAS SENSOR 4
475	CP-463	GSD5 +	COMBUSTIBLE GAS SENSOR 5
475A	CP-463	GSD5 −	COMBUSTIBLE GAS SENSOR 5
476	CP-463	GSD5 S	COMBUSTIBLE GAS SENSOR 5
478	CP-463	GSD6 +	COMBUSTIBLE GAS SENSOR 6
478A	CP-463	GSD6 −	COMBUSTIBLE GAS SENSOR 6
479	CP-463	GSD6 S	COMBUSTIBLE GAS SENSOR 6
484	CP-484	FAP-3	FIRE ALARM
484A	CP-484A	FAP-4	FIRE ALARM

CONTROL PANEL DIGITAL OUTPUTS(TBDO)			DESCRIPTION OF OUTPUTS
TERM #	WIRE #	DESTINATION	
2	SP-119	SPDI-119	PUMP CONTROL CKT POWER FAIL
2A	SP-119C	SPDI-119C	PUMP CONTROL CKT POWER FAIL
9	M7-7	M7-7	START SUMP PUMP 1
9A	M7-14	M7-14	START SUMP PUMP 1
12	M8-7	M8-7	START SUMP PUMP 1
12A	M8-14	M8-14	START SUMP PUMP 1
31	M1-7	M1-7	START MAIN PUMP 1
31A	M1-14	M1-14	START MAIN PUMP 1
36	M2-7	M2-7	START MAIN PUMP 2
36A	M2-14	M2-14	START MAIN PUMP 2
41	M3-7	M3-7	START MAIN PUMP 3
41A	M3-14	M3-14	START MAIN PUMP 3
46	M4-7	M4-7	START MAIN PUMP 4
46A	M4-14	M4-14	START MAIN PUMP 4
51	M5-7	M5-7	START MAIN PUMP 5
51A	M5-14	M5-14	START MAIN PUMP 5
56	M6-7	M6-7	START MAIN PUMP 6
56A	M6-14	M6-14	START MAIN PUMP 6
145	SP-XXX	SPDI-XXX	MAIN PUMP FAIL TO START
145A	SP-XXX	SPDI-XXX	MAIN PUMP FAIL TO START
201	SP-100	SPDI-100	WETWELL LVL BELOW FLOAT EL. 380.5'
201A	SP-100C	SPDI-100C	WETWELL LVL BELOW FLOAT EL. 380.5'
202	SP-101	SPDI-101	WETWELL LVL BELOW FLOAT EL. 379.5'
202A	SP-101C	SPDI-101C	WETWELL LVL BELOW FLOAT EL. 379.5'
203	SP-102	SPDI-102	WETWELL LVL BELOW FLOAT EL. 378.5'
203A	SP-102C	SPDI-102C	WETWELL LVL BELOW FLOAT EL. 378.5'
204	SP-103	SPDI-103	WETWELL LVL BELOW FLOAT EL. 377.5'
204A	SP-103C	SPDI-103C	WETWELL LVL BELOW FLOAT EL. 377.5'
205	SP-104	SPDI-104	WETWELL LVL BELOW FLOAT EL. 377.0'
205A	SP-104C	SPDI-104C	WETWELL LVL BELOW FLOAT EL. 377.0'
206	SP-105	SPDI-105	WETWELL LVL BELOW FLOAT EL. 376.5'
206A	SP-105C	SPDI-105C	WETWELL LVL BELOW FLOAT EL. 376.5'
207	SP-106	SPDI-106	WETWELL LVL BELOW FLOAT EL. 376.0'
207A	SP-106C	SPDI-106C	WETWELL LVL BELOW FLOAT EL. 376.0'
208	SP-107	SPDI-107	WETWELL LVL BELOW FLOAT EL. 375.5'
208A	SP-107C	SPDI-107C	WETWELL LVL BELOW FLOAT EL. 375.5'
209	SP-108	SPDI-108	WETWELL LVL BELOW FLOAT EL. 375.0'
209A	SP-108C	SPDI-108C	WETWELL LVL BELOW FLOAT EL. 375.0'
210	SP-109	SPDI-109	WETWELL LVL BELOW FLOAT EL. 374.5'
210A	SP-109C	SPDI-109C	WETWELL LVL BELOW FLOAT EL. 374.5'
211	SP-110	SPDI-110	WETWELL LVL BELOW FLOAT EL. 374.0'
211A	SP-110C	SPDI-110C	WETWELL LVL BELOW FLOAT EL. 374.0'
212	SP-111	SPDI-111	WETWELL LVL BELOW FLOAT EL. 373.5'
212A	SP-111C	SPDI-111C	WETWELL LVL BELOW FLOAT EL. 373.5'
213	SP-112	SPDI-112	WETWELL LVL BELOW FLOAT EL. 373.0'
213A	SP-112C	SPDI-112C	WETWELL LVL BELOW FLOAT EL. 373.0'
214	SP-113	SPDI-113	WETWELL LVL BELOW FLOAT EL. 372.0'
214A	SP-113C	SPDI-113C	WETWELL LVL BELOW FLOAT EL. 372.0'
215	SP-114	SPDI-114	WETWELL LVL BELOW FLOAT EL. 371.5'
215A	SP-114C	SPDI-114C	WETWELL LVL BELOW FLOAT EL. 371.5'
216	SP-115	SPDI-115	WETWELL LVL BELOW FLOAT EL. 371.0'
216A	SP-115C	SPDI-115C	WETWELL LVL BELOW FLOAT EL. 371.0'
217	SP-116	SPDI-116	WETWELL LVL BELOW FLOAT EL. 370.5'
217A	SP-116C	SPDI-116C	WETWELL LVL BELOW FLOAT EL. 370.5'
218	SP-117	SPDI-117	WETWELL LVL BELOW FLOAT EL. 369.5'
218A	SP-117C	SPDI-117C	WETWELL LVL BELOW FLOAT EL. 369.5'
219	SP-118	SPDI-118	WETWELL LVL BELOW FLOAT EL. 368.5'
219A	SP-118C	SPDI-118C	WETWELL LVL BELOW FLOAT EL. 368.5'
221	M13-3	M13-3	STOP EF1 AT WETWELL EL.375.5'
221A	M13-4	M13-4	STOP EF1 AT WETWELL EL.375.5'
391	SP-120	SPDI-120	ALARM ACKNOWLEDGED
391A	SP-120C	SPDI-120C	ALARM ACKNOWLEDGED
481	SP-121	SPDI-121	COMBUSTIBLE GAS WARNING
481A	SP-121C	SPDI-121C	COMBUSTIBLE GAS WARNING
482	SP-122	SPDI-122	COMBUSTIBLE GAS ALARM
482A	SP-122C	SPDI-122C	COMBUSTIBLE GAS ALARM
483	SP-123	SPDI-123	COMBUSTIBLE GAS DETECTOR FAIL
483A	SP-123C	SPDI-123C	COMBUSTIBLE GAS DETECTOR FAIL
484A	HORN1-1	HORN-1	ALARM HORN, OPERATOR'S ROOM
484B	HORN1-2	HORN-2	ALARM HORN, OPERATOR'S ROOM
484A	HORN2-1	HORN-1	ALARM HORN, PUMP ROOM
484B	HORN2-2	HORN-2	ALARM HORN, PUMP ROOM
484A	HORN3-1	HORN-1	ALARM HORN, INTERMEDIATE LEVEL
484B	HORN3-2	HORN-2	ALARM HORN, INTERMEDIATE LEVEL
484A	HORN4-1	HORN-1	ALARM HORN DIDCHARGE LEVEL
484B	HORN4-2	HORN-2	ALARM HORN DIDCHARGE LEVEL

INFORMATION ONLY