Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 03/16/17

IO-1000R BATTERY CALCULATIONS WORKSHEET

IO-1000R PANEL		STANDBY (A)	ALARM (A)
MAIN BOARD		0.172	0.267
DEVICE CURRENT DRAW		0.01117	0.013447
NAC 1		0	2.497
NAC 2		0	1.862
NAC 3		0	2.093
NAC 4		0	0
AUX POWER		0	0
IO-SDC2		0.045	0.07
SA-DACT		0.041	0.1
RLCD-CR	1	0.099	0.115

DEVICES	QTY	STANDBY (A)	ALARM (A)
SIGA-PCD	10	0.00032	0.000032
SIGA-HRD	39	0.001248	0.001248
SIGA-PHD	186	0.005952	0.005952
SIGA-CRH	4	0.0003	0.0003
SIGA-CT1	4	0.0012	0.0018
SIGA-CT2	3	0.000135	0.0021
SIGA-SD	7	0.000315	0.000315
SIGA-IM	10	0.0017	0.0017
SIGA-278	16	0.004	0.0064
TOTAL	279	0.01117	0.013447

TOTAL CURRENT		0.36817	7.017447

STANDBY TIME	24	8.83608

ALARM TIME	5	0.5847873
AH REQUIRED (NO RESERVE)		9.4208673
BATTERY RESERVE	125%	

AH REQUIRED (WITH RESERVE)	11.776084
BATTERIES TO BE INSTALLED	18