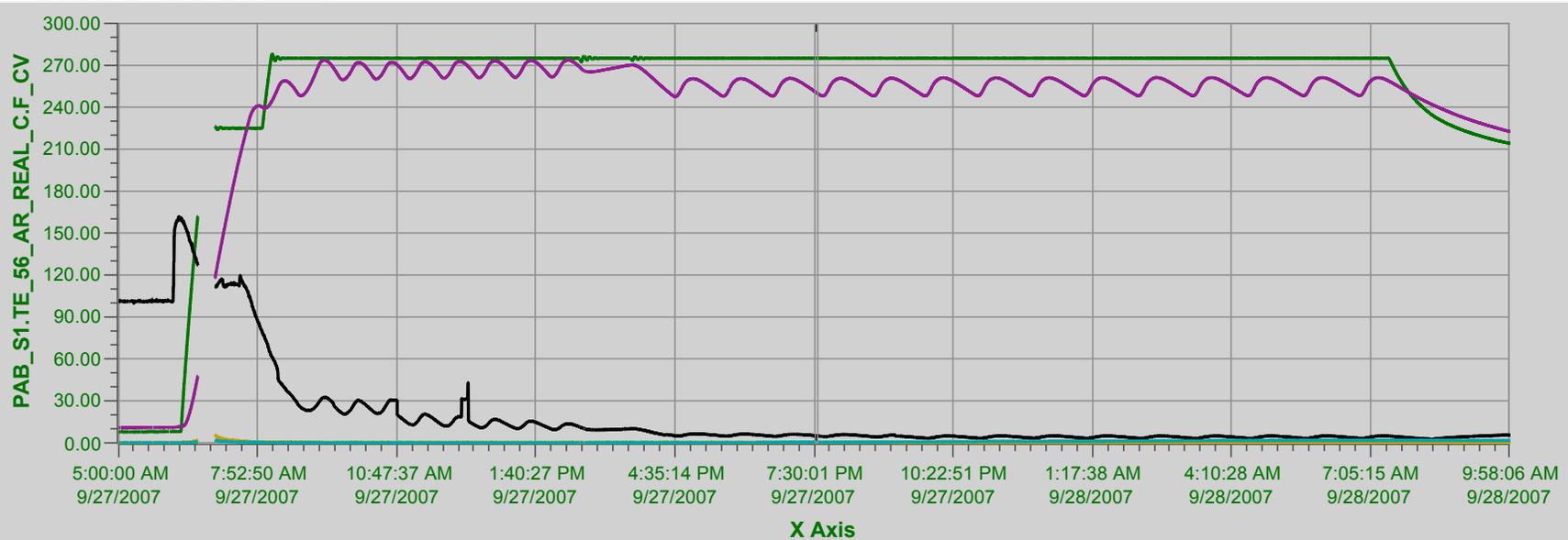


CRYO SYSTEM

FLARE HISTORICAL DATA - OXYGEN FILTER REGENERATION

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Pen Name	Description	Value	Eng Units	High Over ...	Low Over ...
PAB_S1.TE_56_AR_REAL_C.F_CV	O2 filter preheater temperature C (F_CV)	275	C	278	8
PAB_S1.TE_54_AR_REAL_C.F_CV	O2 filter internal temperature C (F_CV)	250	C	274	11
PAB_S1.AE_151_HAR_REAL_PPM....	O2 Filter Near Dewpoint Meter ppm (F_C...	488.3	ppm v/v	16,171.4	234.0
PAB_S1.PT_15_V_REAL.F_CV	LAr Transfer Line Insulating Vacuum	0.0001	Torr	0.0185	0.0001
PAB_S1.PT_154_V_REAL.F_CV	O2 Filter Cryostat Insulating Vacuum	0.0022	Torr	0.0192	0.0001

9/27/2007 5:00:00 AM

9/28/2007 9:58:06 AM

This was a regeneration of oxygen filter material that was only exposed to argon from the stockroom dewars. It was not exposed to atmospheric air. There is no large temperature or water spike because the amount of oxygen in the filter is likely very small. A 24 hour regeneration was performed to observe how low the water measurement would go. The water content did not drop below about 230 ppm.