



VIRGIN ISLANDS WATER & POWER AUTHORITY

PR-22-16

CEMS Maintenance/Support

Clarifications 1

7/18/2016

Environmental

1. Make/model of PLCS

Allen Bradley

2. Are the PLCs redundant or does 1-PLC support redundant analyzers?

There is one PLC per Cabinet that feeds a common DAHS

3. What is the PLC CPU part number?

The CPU model number is Cat#1769-L36EM.

4. Is it possible to get a copy of the Air Permit? It will help confirm the DAS configuration requirements.

Currently VIWAPA's air permit is in renewal. I can forward a draft that has the proposed requirements that is expected to be in the new one.

5. The introduction says 4-CTGs on St. Croix and 4-CTGs on St. Thomas but the analyzer list doesn't match up to that number (unless I am missing something). Additionally, the RFP requests optional RATA pricing for four CEMS in St. Croix and three in St. Thomas, which also doesn't appear to match. Can we get an updated list of the number of units monitored (including the spare CEMS) and the analyzers in each one?

There are 4 CT's and one HRSG on STT plus 4 CT's and 2 HRSG's on STX. Currently on STT only three of the CT's are available and the one HRSG is down for repairs for the foreseeable future. On STX one of the HRSG's no longer need the CEMS so the analyzers for that Unit is currently being utilized as spares. There is a similar plan in mind for STT.

6. Can you confirm 1-DAS supporting both sites? Will new local displays (HMIs) be needed or will the existing ones be reused?

Each Island has its' own DAS however there is a common web reporting page that the data is fed to from both sites.