From: Linero, Alvaro
To: Hunter, John J (Jamie); Koerner, Jeff; Henry, Danielle D.
Cc: Read, David; Dawson, John; Cascio, Tom
Subject: RE: Duke Energy Florida Crystal River Plant 0170004 - Units 4 and 5 MATS Extension Status Report - April 2015
Date: Friday, April 17, 2015 8:35:54 AM

Jamie:

Thank you for the very informative presentation.

The combination of the process mercury monitoring, measurement of oxidation/reduction potential (ORP), pH, sulfites, chloride should diagnose the problem and suggest solution.

Here is a link to a 2014 ICAC brief that documents similar situations and solutions for mercury re-emission after SCR and scrubber treatment.

http://www.greatlakes.com/deployedfiles/ChemturaV8/GreatLakes/GeoBrom/GeoBrom%20Brochures/ICAC%20Improving%20Capture%20of%20Mercury%20Efficiency%20of%20WFDGs.pdf

Clearly solutions are very site-specific and generalizations regarding effect of any individual parameter always seem to have exceptions.

Hopefully there is a best combination of ranges of pH, ORP, chloride, sulfites for your circumstances.

Let's discuss sometime and thanks again for the insight.

Al Linero.

From: Hunter, John J (Jamie) [mailto:John.Hunter@duke-energy.com]
Sent: Wednesday, April 15, 2015 5:06 PM
To: Koerner, Jeff; Henry, Danielle D.; SWD_Air (Shared Mailbox)
Cc: Read, David; Linero, Alvaro
Subject: Duke Energy Florida Crystal River Plant 0170004 - Units 4 and 5 MATS Extension Status Report - April 2015

Please find attached the initial monthly status report associated with the Crystal River Units 4 and 5 mercury extension of the MATS requirements, as well as the submittal of the Mercury Characterization Analysis Report.

Please contact me if you have any questions. Thanks.

Jamie Hunter
Lead Environmental Specialist
Duke Energy Florida, Inc.
299 First Avenue North (FL-903)
St. Petersburg, Florida 33701
Office: (727) 820-5764
Cell: (727) 409-5829
Jamie.Hunter@duke-energy.com

Please consider the environment before printing this email. Thank you