From: Jerry.Salamy@CH2M.com
Sent: Wednesday, January 23, 2013 12:40 PM
To: CPerri@aqmd.gov; stephen.okane@AES.com
Cc: Bemis, Gerry@Energy; Miller, Felicia@Energy; Jiang, Tao@Energy; JYee@aqmd.gov; Robert.Mason@CH2M.com
Subject: RE: HBEP commissioning emissions

Chris,

An assumed NOx concentration of 9 parts per million by volume dry and an exhaust gas flow rate is 651913.46 standard dry cubic feet per minute were used to estimate the 100% load uncontrolled NOx emission rate of 41.95 lb/hr.

California Energy Commission
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JAN 23 2013

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From: Chris Perri [mailto:CPerri@aqmd.gov]
Sent: Wednesday, January 23, 2013 11:22 AM
To: stephen.okane@AES.com
Cc: Bemis, Gerry@Energy; Miller, Felicia@Energy; Jiang, Tao@Energy; Salamy, Jerry/SAC; John Yee
Subject: HBEP comissioning emissions

Hi Stephen,

I'm looking over the commissioning emissions estimates provided in Table 5.1B.1. It looks like the NOx emission rate for the 100% load activities, with the SCR efficiency at 75% is about 10.49 lbs/hr. Could you provide the data used to calculate that number (i.e., assumed NOx concentration and exhaust flow)?

Thanks

Chris Perri
Air Quality Engineer
South Coast Air Quality Management District
(909) 396-2696