From:	Brian Tracey <Brian_Tracey@genpower.net>
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CC:	"'tyneshia.tate@dnr.state.ga.us'" <tyneshia.tate@dnr.state.ga.us>
Date:	5/26/2010 4:14 PM
Subject:	Yellow Pine Energy Company, SIP Application 19518 - air dispersionmodeling information

Pete:

Per our conversation this afternoon, I'm sending over the additional operating scenario stack parameters. Below are parameters for 80% and 90% load scenarios. Note that our emission guarantees are valid down to a 80% load.

80% load

90% load

Temperature (deg F)

321

330

Emission Rates (lb/MMBtu)

same as 100% load

same as 100% load

Velocity (ft/sec)

44.0

49.5

I have a call into our air consultant regarding the NOx modeling assumption regarding the adjustment using the "Ambient Ratio".   I'll let you know if the 0.75 factor was applied to the emission rate for modeling purposes as soon as I hear back from him.

Please feel free to call if you need additional information or have further questions.

Kind Regards,

Brian

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