

## Email with background information on cement kiln papers

----- Forwarded by Bill Neuffer/RTP/USEPA/US on 04/27/2006 11:21 AM -----

"Linero, Alvaro" <Alvaro.Linero@dep.state.fl.us>

04/27/2006 11:17 AM

To  
Bill Neuffer/RTP/USEPA/US@EPA  
cc  
Subject  
SNCR

Hi Bill:

I see no problem passing along the information on SNCR at long kilns. My understanding is that the company (Holcim) supplied the information to Texas TCEQ. Somehow it made its way to SCAQMD and then to me.

My understanding is that the operator of Lumbres (Holcim) wanted to make sure TCEQ understood that SNCR was possible at long kilns. That way wet kiln operators at Midlothian would have to do something too and not only the operators of PC kilns in Midlothian. That means installation of advanced controls like SNCR (if not SCR or LowTOx).

I also attached some others papers including the one that took first place at the recent PCA/IEEE meeting. Also one from Europe on SNCR. I want to emphasize that I think you can do 1 lb/ton clinker if you have to. Most studies are designed to show that some reductions can be obtained, but they generally aren't out to prove how low you can go because they don't have to. Drake Cement (Arizona) received their final permit. I was assured at the PCA/IEEE that their required value of 1.14 lb NOx/ton clinker is achievable by a NOx control strategy that includes SNCR.

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"The Present State of NOx Abatement with the SNCR Process"

Scur, P. Cemex Ostzement, Rudersdorf. Hoppe, Dr. Forschungsinstitut der Zementindustrie, Dusseldorf.