

ATTACHMENT 32

AR # 565

Memo to File

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From: Jeffrey R. McDonald

Date: August 26, 2014

Subject: Phone conversations with Battelle/PNNL and Cadmus regarding the FutureGen permit applications numerical modeling.

On July 30, 2014, I spoke with Signe White of PNNL about how the models that were run for FutureGen were presented. We had received some comments that suggest that only 99% of the CO₂ was modeled and only the scCO₂ at that. Signe (and later Inci Demirkanli at The Cadmus Group that day) confirmed that all of the CO₂ was modeled; the supercritical CO₂ (scCO₂) and the dissolved phase CO₂. The way that the info was presented appears to show a portion of the CO₂, but the model considered 100% of it. EPA guidance suggests depicting the separate phase (not the dissolved) CO₂ and this was done.

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