

R. SERIES/Initials CON 10-1 / C.A.R.

FACILITY ID 64-01-012

WK ACT/Doc Code CP / GC

Project # / Permit # 07-602 /

12/01/08

Boiler Type

**Email Question About Types of Boilers
in Particulate Stack Testing**

Roling, Chris [DNR]

From: Hillman, Timothy M. [HillmanTM@bv.com]
Sent: Monday, December 01, 2008 3:58 PM
To: Roling, Chris [DNR]
Cc: Phelps, Dave [DNR]; Byers, Andrew C. (Andy); danielchad@stanleygroup.com; Beer, Jeffery; Arnold, Alan; Bleckinger, Mark R.
Subject: RE: Question

Chris,

Based on available information, please find below a response to your question on boiler type.

MidAmerican (Council Bluffs Unit 4) -supercritical
TransAlta Centralia Units 1 & 2 - subcritical
Asheville Units 1 & 2 - subcritical
Springerville Unit 3 - subcritical

Best regards,

Tim Hillman | Senior Air Quality Scientist
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928 | Fax: (913) 458-7928
Email: hillmantm@bv.com

From: Arnold, Alan [mailto:AlanArnold@alliantenergy.com]
Sent: Monday, December 01, 2008 10:44 AM
To: Chris.Roling@dnr.iowa.gov; Hillman, Timothy M.
Cc: Dave.Phelps@dnr.iowa.gov; Byers, Andrew C. (Andy); danielchad@stanleygroup.com; Beer, Jeffery
Subject: Re: Question

Chris- good question.

Tim- can you get back to Chris on this question and copy all.

Thanks

Alan J. Arnold
Alliant Energy Corporate Services

From: Roling, Chris [DNR]
To: Arnold, Alan
Cc: Phelps, Dave [DNR]
Sent: Mon Dec 01 10:07:25 2008
Subject: Question
Alan,

I am still waiting for the modeling memo from Lori and she is out today. I am continuing my work on the permits and fact sheet in the meantime. As I was reviewing the test data submitted and explaining my review of the data a question occurred to me. The total PM data submitted included tests from MidAmerican (Unit 4), TransAlta Centralia Units 1 & 2 (WA), Asheville Units 1 & 2 (NC), and Springerville Unit 3 (AZ).

The question I have is what type of boilers are those units or how many of those units are supercritical units?

Chris

Christopher A. Roling, PE
Environmental Engineer Senior
Air Quality Bureau, IDNR
ph: 515-242-6002
fax: 515-242-5094

Roling, Chris [DNR]

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Cc: Phelps, Dave [DNR]; byersac@bv.com; danielchad@stanleygroup.com; Beer, Jeffery
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