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FACILITY ID 64-01-012  
WK ACT/Doc Code CP / GC  
Project # / Permit # 07-602 /

06/13/08

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# Iowa Department of Public Health

**Pre-Public Comment Correspondence  
with the Iowa Dept. of Public Health**

## Hanson, Lori [DNR]

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**From:** Hanson, Lori [DNR]  
**Sent:** Friday, June 13, 2008 10:02 AM  
**To:** Schmitz, Stuart [IDPH]  
**Subject:** RE: Proposed Sutherland Generating Station - Marshalltown

Hi Stuart,

Yes – PSD is not a simple process to explain! Lori Hanson, (515) 281-8911.

---

**From:** Schmitz, Stuart [mailto:SSchmitz@idph.state.ia.us]  
**Sent:** Friday, June 13, 2008 9:18 AM  
**To:** Hanson, Lori [DNR]  
**Subject:** RE: Proposed Sutherland Generating Station - Marshalltown

Lori,

Thanks for your response. Could I give your name and number to the person in Marshalltown to talk to regarding the permit application and modeling of emissions from the Sutherland Generating Station?

Stuart C. Schmitz, M.S., P.E.  
Principal Investigator / Environmental Toxicologist  
Iowa Department of Public Health  
321 E 12th Street  
Des Moines, IA 50319-0075  
(515) 281-8707

-----Original Message-----

**From:** Hanson, Lori [DNR] [mailto:Lori.Hanson@dnr.iowa.gov]  
**Sent:** Thursday, June 12, 2008 2:11 PM  
**To:** Schmitz, Stuart  
**Cc:** Roling, Chris [DNR]  
**Subject:** RE: Proposed Sutherland Generating Station - Marshalltown

Hello Stuart,

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Also note that for PSD, as long as predicted impacts from the project (just the new coal-fired boiler and associated equipment as opposed to the entire facility) are below the “significant impact levels”, no additional modeling is required. At this time the DNR has not reviewed the submitted modeling analysis, however the submitted modeling report indicates that that predicted concentrations of NO<sub>x</sub>, PM<sub>10</sub>, SO<sub>2</sub>, and CO will all be below the applicable significant impact levels.

I have attached one of the tables from the submitted report that lists the predicted concentrations along with the significant impact levels for each pollutant and averaging period. These significant impact levels are low enough that it is assumed predicted impacts below these levels do not merit additional evaluation (NAAQS and increment).

Please let me know if you have any questions or if you would like any additional information. Lori Hanson

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Lori Hanson from our Department is the person that is reviewing the dispersion modeling and would be better able to answer any questions you may have plus provide you her final assessment of the submitted modeling. I have copied her on this email and her phone number is (515) 281-8911.

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Chris

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

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**Attachments:** IPL modeled impacts.pdf

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