

Second ESSB 6001 Rule Stakeholder Meeting Notes
SeaTac Airport, September 18, 2007, 9:00 am to 4:00 pm

Following is the agenda that guided the group's discussion:

Overall Goal of the Committee's Work:

To provide input to the Department of Ecology (DOE) about issues, concerns and recommendations related to ESSB 6001. The input will inform the writing of rules that DOE will then propose for adoption.

Overall Outcome:

A report of stakeholder recommendations and noted concerns about how the rules will deal with:

- ◆ The implementation and enforcement of the Emission Performance Standard (EPS)
- ◆ Criteria for evaluating carbon sequestration plans
- ◆ An output-based methodology for calculating emissions of greenhouse gases (GHGs) for cogeneration facility.

Today's Meeting Objectives:

- ◆ Learn about and discuss concerns & recommendations regarding what is written in ESSB 6001 about geological sequestration
- ◆ Determine upcoming meeting logistics – dates, times, locations
- ◆ Identify next meeting topic and prep work.

| <i>Time</i> | <i>Topic</i> |
|--------------|---|
| 9:00 | Welcome, Overall Purpose Review & Agenda, Future Meeting Logistics |
| 9:10 | Brief (Re-)Introductions |
| 9:30 | Expertise Presentation – Dave Norman and Pete McGrail |
| 10:15 | Q & A |
| 10:30 | Break |
| 10:45 | Briefly Review Discussion Matrix; set times for today's topics |
| 11:00 | Geologic Characterization and Site Selection |
| 11:45 | Lunch |
| 12:45 | Well construction standards and casing integrity tests |
| 1:15 | Monitoring and leak detection |
| 1:45 | Closure and post closure |

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| 2:15 | Break |
| 2:30 | Financial assurance |
| 3:00 | Appropriate mitigation requirements for projects that result in unexpected environmental impacts |
| 3:30 | Summary – Where are we on this topic? What’s next? |
| 3:45 | Next Meeting Agenda Plan & Prep |
| 4:00 | Adjourn |

Upcoming Meeting Schedule

It was decided that all meetings would be from 9:00 am to 4:00 pm at the SeaTac airport. Please note that the December meeting will be on December 6th, rather than December 4th as previously discussed.

There was a request for a phone setup so that others could listen in at future meetings. Please let Nancy Pritchett know if you anticipate needing a call in line so that she knows how many lines to provide.

| Meeting | Date | Time | Location |
|----------------|-----------------------------|-------------|---------------------------------|
| 1 | August 30, 2007 Thursday | 9:00 – 1:00 | Theater Room, SeaTac Airport |
| 2 | Sept. 18, 2007 Tuesday | 9:00 – 4:00 | Moscow Room, SeaTac Airport |
| 3 | Oct. 2, 2007 Tuesday | 9:00 – 4:00 | Moscow Room, SeaTac Airport |
| 4 | Oct. 23, 2007 Tuesday | 9:00 – 4:00 | Moscow Room, SeaTac Airport |
| 5 | Nov. 13, 2007 Tuesday | 9:00 – 4:00 | Moscow Room, SeaTac Airport |
| 6 | Dec. 6, 2007 Thursday | 9:00 – 4:00 | Moscow Room, SeaTac Airport |

Brief Re-Introductions – Who is Here?

Stakeholder Members Present:

Dave Arbaugh, Marcia Baker, Sven Brandt-Erichsen, Jessica Coven, Kyle Davis, Carrie Dolwick, Keith Faretra, Ted Beatty, George Peridas (for Mo McBroom), Pete McGrail, Dave Norman, Chris Smith Towne, Rob Swedo, William Bridges, Mike Tribble, Mark Anderson (for Tony Usibelli), and Dave Warren

Staff Members Present:

Dept. of Ecology: Tom Todd, Nancy Pritchett, John Storman, Alan Newman, Anjali Adelsman, and Sarah Rees.

EFSEC: Kyle Crews

Facilitator:

Debbie Rough-Mack

Expertise Presentations

Dave Norman, Deputy State Geologist from Washington State Department of Natural Resources gave an overview of the state's geologic history. Pete McGrail from Pacific Northwest National Laboratory gave a presentation on his work with FutureGen and geologic sequestration. Both presentations are available at the DOE website at http://www.ecy.wa.gov/laws-rules/activity/wac173407_218.html

Discussion of Issues Relating to Geologic Sequestration

John Stormon, Hydrogeologist with DOE's Water Quality Program, prepared questions to guide the discussion and seek input from the committee. Notes taken from that discussion appear in a separate matrix, attached. The matrix is also available as a .pdf on the DOE website at http://www.ecy.wa.gov/laws-rules/activity/wac173407_218.html

Actions, Next Steps

Next meeting is October 2, 2007, in the Moscow Conference Room at SeaTac. From the Table of Proposed Discussion Topics previously distributed, the group chose to focus on the following topics:

- ◆ The issue of “permanence” – Nancy Pritchett, DOE, will prepare discussion questions
- ◆ Other forms of sequestration; also, what is in a sequestration plan? – Tom Todd, DOE, will prepare discussion questions
- ◆ “working in unison” – Tom Todd, DOE

If time permits, we will also begin discussion on the next identified topics (numbers 5 and 7 in the Table of Proposed Discussion Topics):

- ◆ For purposes of this rule, what is the definition of “waste gas”?
- ◆ Does the definition of cogeneration within 173-407 need to be amended to be consistent with the definition in the public utilities regulatory act of 1978?

Nancy will contact Don Brookhyser, a stakeholder member representing cogeneration facilities, and ask him to prepare discussion questions related to these last two topics.