

Citizens Advisory Board Committee Minutes



INL Site Environmental Management
C I T I Z E N S A D V I S O R Y B O A R D

Committee: Full Board

Date: Thursday, February 11, 2010 – 9:30 a.m.
(MT)

Participants

Board Members:

Tami Sherwood	R.D. Maynard
Bruce Wendle	Willie Preacher
Fred Sica	Seth Beal
Doc DeTonancour	Teri Tyler
Robert Rodriquez	Damond Watkins

DOE-ID: Mark Arenez
Markus Pinzel
Brant Meagher
Jean Holdren

Liaisons: Daryl Koch
Laura Buelow

Support Staff: Lisa Aldrich
Ceri Chapple
Lori Isenberg

Objective(s) for the Committee Call

- In-Situ Grouting Questions & Answers

Tami Sherwood asked if it is high level waste that is buried in the trenches. Mr. Pinzel responded by explaining that it is low level waste which is radioactive.

Bruce Wendle wondered what the general purpose is to grout the trenches. Mr. Pinzel responded that the purpose is to keep the waste, TC-99 and iodine, from becoming mobile until a cap is put in place.

R. D. Maynard asked if the monuments were disturbed and why not grout underneath the waste. Mr. Pinzel said that yes, they were disturbed. Mr. Pinzel explained that the waste does not sit directly on the bedrock. The grout will should completely encase the waste in concrete, creating a concrete monolith.

Tami Sherwood asked what will/ is happening below the waste and if it was possible for the pressurized grout to move the soil or fracture the basalt. . Mr. Pinzel explained that the soil below the columns is tightly bound and will be more stable after grouting. Mr. Pinzel said that the grout will mix with the waste; it will not disturb the surrounding soil.

Mr. DeTonancour asked what percentage of waste would be grouted. Mr. Pinzel responded that 600 cubic feet would be grouted. Technetium- 99 and iodine are elements of the most concern, because they are very mobile.

Seth Beal wondered why they would grout when they are planning on just putting a cap over it. Daryl Koch responded that it is an interim measure before the evapotranspiration cap is put in place, which could be 20 years away. He explained that nothing is 100%, but it is the best solution for now.

Mr. Beal wondered is the grouting would influence future clean-up plans. Brandt Meagher explained that the grouting may make the removal of the waste easier in the future.

Fred Sica commented that he thought the original presentation was confusing. The conference call has provided him with some much needed clarity.

**Citizens Advisory Board
Committee Minutes**

Action Items:

- Although the conference call answered some questions, the decision was made to leave the issue on the March agenda.

To review the details of this meeting, call 1-888-284-7564, playback code 215587.