

Pre-Meeting for Cleanup Standards Meeting - November 21, 1995

Attendees

Ravi Batra
Laura Brooks
Norma Castaneda
Chris Dayton

Susan Evans
Purna Halder
John Law
Tim Lovseth

Rich Marty
Annette Primrose
John Rampe
Barry Roberts

Surface Water

Steve Slaten noted that he and Mell Roy talked about a Point of Compliance at Indiana. Ravi reported that DOE Legal would not agree to a Pu standard of 05 pCi/l

Surface water standards were discussed and the consensus was that onsite water use should be warm 2/aquatic life 2/agricultural. John Law handed out a graph showing the projected stream Pu loading. The EPA proposed Pu standard of 0.62 pCi/l is equivalent to a 4×10^{-6} risk for drinking water. The 10^{-6} risk for drinking water is 15 pCi/l. John will find out what the americium values are for these risks to make sure that these are achievable. DOE Legal sent the message that any rad values established will be goals, not legally enforceable standards.

DOE will raise the standards issues at the meeting tomorrow. These issues include:
Using state vs federal vs sitewide standards
Groundwater standards equal to surface water standards
POC for surface water at terminal ponds
POC for groundwater in surface water

Groundwater

The group discussed that in the break-out group for choosing wells, Elizabeth Pottorff and Carl Spreng both felt that the proposed Tier 2 wells would be POC. EPA-Gary Kleeman felt that these wells should be monitoring/detection wells. This discussion was deferred by the break-out group until tomorrow's meeting. Our group believes that the Tier 2 wells should be detection/monitoring wells, not legally enforceable POC. Rich Marty brought up that these wells can be called POC, just not RCRA POC. If these wells are CERCLA POC, then the standards are considered ARARs which are goals.

The chosen detection monitoring wells can be integrated into the monitoring network, but delineated with an asterisk by them to denote trigger wells. The monitoring network will be used to monitor all constituents even though the trigger at the Tier 2 wells is only volatile organics.

It was recognized by the group that there would be some "sacrifice zones" in groundwater. Low-level contamination would be allowed to drizzle into surface water from groundwater if surface water and the ecology showed no impact.

Tim Lovseth took the action to check downstream of the proposed Tier 2 wells for nitrates and rads impacts.

Reminder

Options must be submitted by December 9 if a consensus agreement by the working group is not achieved.

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ADMIN RECORD

DRAFT

Estimated Stream Pu Loading 1995 - 2003

