



Department of Energy

Idaho Operations Office
850 Energy Drive
Idaho Falls, Idaho 83401-1563

8/16/99

Citizen's Advisory Board
Environmental Restoration Committee
C/O Wendy Lowe
Jason Associates Corp.
477 Shoup Ave.
Idaho Falls, ID 83402

Dear Sir or Madam:

Attached are pages 9-32 to 9-34 from the Comprehensive Remedial Investigation/Feasibility Study (RI/FS) for WAG 4 that discusses phytoremediation at WAG 4 Central Facilities Area for your consideration.

In response to your concern on Table 5, Page 16 of the Proposed Plan for WAG 4, that goal becomes applicable in 100 years. Per the CFA Comprehensive RI/FS on page 9-9, third paragraph: "Therefore, PRGs for individual COCs were defined by calculating soil concentrations that would result in excess cancer risks equal to $1E-04$, or health risks resulting in a HI equal to 1, for hypothetical residents *present at the end of the 100-year institutional control period*, summed for all pathways and all COCs present at each site." The PRG of 23 pCi/g is approximately a $10E-04$ risk. The final remediation goal is 2.3 pCi/g; therefore, if we begin at 23 pCi/g 100 years from now, it would take approximately another 90 years (around 2190) to reach the 2.3 pCi/g.

I appreciate your review of the WAG 4 Proposed Plan. Please feel free to contact Carol Hathaway at 208-526-4049 or me at 208-526-4382 if you have any further questions or concerns.

Sincerely,

A handwritten signature in cursive script that reads "Kathleen E. Hain".

Kathleen E. Hain, Director
Environmental Restoration Program

Enclosures

cc: (w/enc.)

Steven H. McCormick, LMITCO, MS 3920
Debra Ellis, ARDC File, MS 3922