

November 7, 2008

(Via E-Mail PDF)

Mr. David Otori
Senior Reclamation Specialist
Mining and Minerals Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

**RE: Supplement to the Closeout Plan
Section 27 Mine Site, New Mexico
Permit No. MK005RE**

Dear Mr. Otori:

This letter transmits the results of borrow source sampling at the Section 27 Mine Site and is a supplement to the Closeout Plan submitted to MMD in August 2008. Two phases of sampling occurred at two locations within UNC-owned land. In the first phase, 10 composite soil samples were collected at five locations adjacent to the west side of the western topsoil stock pile. The samples were collected from 0 to 2 feet bgs and 2 to 4 feet bgs at each location, as shown in Table 1 (attachments), and the analytical results indicated Ra-226 concentrations from 2.5 to 15.4 pCi/g. All but one of the results (90%) exceeded the range of local Ra-226 background concentrations of <1.0 to 2.9 pCi/g (see the Materials Characterization Report, MWH, 2007). Uranium concentrations also exceeded the background levels in two of the samples.

As a result of the exceedances of background levels, a second borrow source area was selected 50 to 500 feet to the west of the background reference area (see the Materials Characterization Report, MWH, 2007). This borrow source is on a slight hill that faces to the west, away from the background reference area. Thirteen composite soil samples were collected at seven locations from 0 – 2 feet and 2 - 4 feet bgs, as shown in Table 2. The result of these analyses indicated Ra-226 concentrations from 1 to 7 pCi/g (nine of them [69] exceeding the maximum background concentration).

Due to lower Ra-226 concentrations, it is recommended that the borrow material in the Phase 2 area west of the background reference area be used as the lower layer of cover material for the Closeout reclamation. In other words, for a three-foot cover, the lower one to two feet would consist of the borrow source material, and the upper one to two feet would consist of topsoil from one of the two on-site stockpiles.



MWH

BUILDING A BETTER WORLD

Please feel free to call me or Roy Blickwedel at GE if you have any questions or comments regarding this supplement to the Closeout Plan.

Sincerely,

MWH Americas, Inc.

Toby Leeson
Supervisory Hydrogeologist

cc: Roy Blickwedel, General Electric Corporation
Larry Bush, United Nuclear Corporation
Project File

attachments



MWH

BUILDING A BETTER WORLD

ATTACHMENTS

1475 Pine Grove Rd.
Suite 109
Steamboat Springs, CO 80477

TEL 970 879 6260
FAX 970 879 4018
www.mwhglobal.com



Table 1 Phase 1 Borrow Source Analytical Results				
Location ID	Depth (ft bgs)	Uranium (mg/kg)	Ra-226 (pCi/g)	Precision (±)
1A	0 - 2	2.3	2.6	1.7
1B	2 - 4	1.4	4.0	3.7
2A	0 - 2	9	6.6	2.4
2B	2 - 4	1.4	2.5	1.9
3A	0 - 2	1.9	3.9	1.8
3B	2 - 4	1.9	2.9	1.9
4A	0 - 2	12	15.4	2.7
4B	2 - 4	2.2	4.3	1.9
5A	0 - 2	1.8	3.1	1.9
5B	2 - 4	1.4	3.4	1.5
Minimum	--	1.4	2.5	--
Average	--	3.5	4.9	--
Maximum	--	12.0	15.4	--

Table 2 Phase 2 Borrow Source Analytical Results			
Loc ID	Depth (ft bgs)	Ra-226 (pCi/g)	Precision (±)
B2-1	2-4	3.0	2.0
B2-1	0-2	7.0	2.0
B2-2	2-4	4.0	2.0
B2-2	0-2	5.0	2.0
B2-3	0-2	3.0	2.0
B2-3	2-4	4.0	2.0
B2-4	0-2	2.0	1.0
B2-4	2-4	2.0	2.0
B2-5	0-2	2.0	1.0
B2-5	2-4	3.0	2.0
B2-6	0-2	1.0	0.9
B2-7	2-4	3.0	2.0
B2-7	0-2	6.0	3.0
Minimum	--	1.0	--
Average	--	3.5	--
Maximum	--	7.0	--