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October 17, 2007

Mr. Ron Linton
Senior Groundwater Hydrologist/Project Manager
U.S. Nuclear Regulatory Commission Office of Federal and State Materials and Environmental
Management Programs
Mail Stop T-8F5
11545 Rockville Pike
Rockville, MD 20852-2738

Mr. Sairam Appaji, Remedial Project Manager
U. S. Environmental Protection Agency, Region 6
Mail Drop 6SF-RL
1445 Ross Avenue
Suite 1200
Dallas, TX 75202

**RE: Request for Health-Related Sampling and Monitoring Activities by the EPA and NRC for the
Homestake Uranium Mill Superfund Site (CERCLIS ID NMD007860935), Cibola County, New
Mexico**

Dear Ron and Sai:

Residents living within the vicinity of the Homestake Uranium Mill Superfund Site (Site) have expressed concerns to New Mexico Environment Department (NMED) about the potential for airborne spread of contaminants due to operation of Homestake's spray evaporation system, citing the deposition of white residues on objects within the neighboring subdivisions. Additionally NMED has received questions from residents regarding what monitoring has or is being performed to ensure public health from potential exposure through consumption of meat from livestock that forage on the crops that are grown by Homestake's operation of its center-pivot irrigation remediation system, and what threats from exposure to radon exist from showering, cooking, and other domestic uses.

NMED requests that the EPA and NRC require a sampling and analysis program to determine the composition of the above-mentioned residue as soon as possible, a program for ongoing monitoring and analysis of crops that are grown by Homestake in conjunction with its ongoing irrigation remedial activities, and an assessment of radon exposure based on current and historical uranium concentrations in ground water. Additionally NMED requests that current ongoing air contaminant monitoring activities be reviewed for potential enhancement to ensure protection of the public and environment.

Mr. R. Linton, NRC and Mr. S. Appaji, EPA

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NMED has previously requested a role in the current revision process of the Site Corrective Action Plan (CAP), in which these concerns, as well as others, which the NMED has identified, might be properly addressed; however, to date, the NRC has not provided NMED an opportunity for input into this process that would enable it to raise these concerns. NMED requests a meeting with EPA and NRC as soon as possible, both to review the current status of the CAP revision process, and to formalize its role within the development process of this document.

Sincerely,



for David L. Mayerson
Superfund Oversight Section

Cc: Mr. Buddy Parr, EPA
Mr. William vonTill, NRC
Mr. Milton Head, Bluewater Valley Downstream Alliance
Ms. Dana Bahar, NMED/SOS
Mr. Jerry Schoeppner, NMED/MECS
October 2007 SOS read file