

August 8, 1997

Mr. James R. Weldy  
Center For Nuclear Waste Regulatory Analyses  
Southwest Research Institute  
6220 Culebra Road  
San Antonio, Texas 78238-5166

Dear James:

Thank you for your interest in the recent update to the MILDOS-AREA dose calculation code. This update was developed by Argonne National Laboratory (ANL), under contract to the U.S. Nuclear Regulatory Commission.

Per your request, I am enclosing a copy of the revised MILDOS-AREA code, on a single diskette, and a copy of ANL's final letter report for the update project, *MILDOS-AREA: An Update with Incorporation of In Situ Leach Uranium Recovery Technology*. The revisions to the code were to update the allowable air concentrations of radionuclides to the values currently in the NRC's regulations at 10CFR20, Appendix B. The revised code has not been thoroughly tested by the NRC, but it is believed to operate correctly. This code is intended as a tool for licensee dose calculations. Of course, it is up to the licensee to ensure that any calculations using this tool are correct.

The enclosed diskette includes the files needed for a new installation of MILDOS-AREA, and for an upgrade of an existing installation. The file `readme.txt` explains how to perform the installation.

If you have any technical questions about the MILDOS-AREA methodology or code, reports about problems with the operation of the software ("bugs"), or other comments about the MILDOS-AREA code, please feel free to contact me (by phone at (301)415-6919; or by e-mail at [DWS2@nrc.gov](mailto:DWS2@nrc.gov)).

Sincerely,  
(original signed by)

Duane W. Schmidt, CHP  
Health Physicist  
Uranium Recovery Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Enclosures: Diskette  
ANL letter report



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