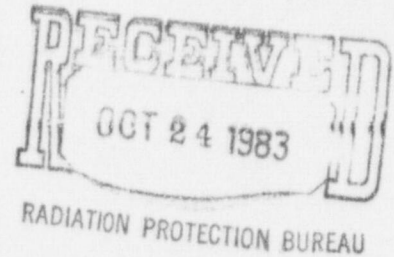


Mobil Oil Corporation

P.O. BOX 17772
DENVER, COLORADO 80217

October 20, 1983

Mr. Sam Simpson
Uranium Licensing Section
Radiation Protection Bureau
Environmental Improvement Division
P.O. Box 968
Santa Fe, NM 87503



PASSIVE RADON MONITORS

Dear Mr. Simpson:

This letter proposes the use of passive radon monitors for all existing and future Mobil Oil Corporation, New Mexico Uranium Operations.

As a result of your conversations with Mr. David Lowy of this office, and through our discussions with other New Mexico uranium operators, we are reminded of your familiarity with applications for certain passive radon monitoring techniques such as the Terradex Track-Etch system. This particular method for detecting integrated radon levels is currently being used in Mobil's Regional Radiological Monitoring Plan to determine ambient levels of radon in the vicinity of several proposed uranium development areas near Crownpoint, NM. The concept and implementation of the 'Regional Plan' was approved by the Radiation Protection Bureau on September 23, 1982. The ease with which the Terradex detectors may be employed, and the operational cost savings realized by not having field calibration and service requirements suggests that these or similar detectors be used during the operational phases of Mobil's uranium operations.

We therefore request your advance concurrence on the proposed monitoring option so that passive detectors may at a later date replace the labor intensive systems at the locations now in use. As agreed to in the 'Regional Plan', detectors comparable to the Terradex Type F would be used with a manufacturer's reading sensitivity of no less than 1.0 pCi/liter-month. Also, the use of passive monitors would not substitute for the grab sampling method used for occupational health purposes, as required.

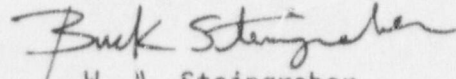
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If you have any questions regarding this proposed monitoring option, please contact Mr. D.C. Lowy at (303) 293-6439.

Thank you for your attention and cooperation.

Sincerely,


W. A. Steingraber
Permitting Coordinator

DCLowy/ml
dc1447

cc: D. A. Bauer
W. H. Rugeley
pf: 1.0.14.3.1.3
1.A.1.5.2