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Docket 40-8743  
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Docket No. 40-8743

Conoco, Inc.  
ATTN: Mr. Terry Quigley  
Environmental Engineer  
555 Seventeenth Street  
Denver, Colorado 80202



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Gentlemen:

We have reviewed the radiological data in Sections 2.10.1 and 2.10.4 through 2.10.10 of Conoco's July 31, 1981 Source Material License Application submittal for the Sand Rock Mill Project and have the following comments:

Section 2.10.1.2 Ambient Radon

The data should be reported so that radon samples are reported for each month for a one year period. The data presented in the ER is lacking data for one month, April, 1980.

As requested in Conoco's May 5, 1981 letter from J. E. Ceariy to Linda Peck, the AeroVironment's passive radon monitor can be used instead of the radon bag-sampler which is currently used.

Section 2.10.7.1 Terrestrial Vegetation

The reporting units for the vegetation samples should be given as "pCi/kg-wet weight". Also, the lower limits of detection given in Section 6.1.5.10 should be given in units of "pCi/kg-wet weight". Analytical results for the summer 1980 vegetation samples which were not available at the time of the report preparation should be included.

Section 2.10.7.2 Aquatic Vegetation

The reporting units for the aquatic vegetation samples should be given as "pCi/kg-wet weight". Also, the lower limits of detection given in Section 6.1.5.10 should be given in units of "pCi/kg-wet weight".

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Section 2.10.8 Sediments

Analytical results which were not available at the time of the report preparation should be included.

We are currently reviewing the radiological monitoring program for the number of samples, sampling frequency, and the number of sample points required until construction commences.

If you have any questions regarding this matter, please contact Thomas E. Fleming (301-427-4542) of my staff.

Sincerely,

Original Signed by:  
D. E. Martin  
Dan E. Martin, Section Leader  
New Facilities Section  
Uranium Recovery Licensing Branch  
Division of Waste Management

6/29/81

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