

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV

NRC Inspection Report: 40-08027/85-02

Docket: 40-08027

Licensee: Sequoyah Fuels Corporation  
Kerr-McGee Center  
Oklahoma City, Oklahoma 73125

Facility Name: Sequoyah Uranium Hexafluoride Conversion Facility

Inspection At: Gore, Oklahoma

Inspection Conducted: August 29, 1985

Inspector:

*R. J. Wise*  
R. Wise, Radiation Specialist

11/13/85  
Date

Approved:

*R. J. Everett*  
R. J. Everett, Chief, Nuclear Materials Safety  
Section

11/13/85  
Date

Inspection Summary

Inspection Conducted August 29, 1985 (Report 40-08027/85-02)

Areas Inspected: Unannounced inspection of conversion facility waste burial sites and S-well sample area to obtain water samples for determining cause of elevated pH and conductivity levels.

The inspection involved 3 inspector-hours onsite by one NRC inspector.

Results: Within the two areas inspected, no violations were identified.

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DETAILS1. Persons Contacted

\*C. A. Grosclaude, Manager, Health Physics and Industrial Safety  
K. Simeroth, Senior Health Physics Technician

2. Waste Burial

The NRC inspector reviewed the licensee's waste burial sites located on the conversion facility site adjacent to the sludge basin. One site was full and burial was complete, the additional site had been partially utilized prior to 10 CFR 20.304 being rescinded on January 28, 1981. The NRC inspector determined that wastes had not been buried since December 1980.

No violations or deviations were identified.

3. Environmental Monitoring

The NRC inspector reviewed and obtained S-well samples which were split with the licensee in an effort to determine the causes of the elevated pH and conductivity results.

The licensee's representative stated that based on past experiences with similar problem in other sampling wells, these elevated results can be caused by improper curing of the cementing of the well casing.

No violations or deviations were identified.

4. Exit Briefing

The NRC inspector met with the licensee representative identified in paragraph 1 at the conclusion of the inspection on August 29, 1985. The NRC inspector summarized the purpose, scope, and findings of the inspection.