



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

November 1, 1996

Mr. Richard Sena, Acting Director
Environmental Restoration Division
Uranium Mill Tailings Remedial Action
Project
U.S. Department of Energy
2155 Louisiana NE, Suite 4000
Albuquerque, NM 87110

SUBJECT: VICINITY PROPERTY COMPLETION REPORT FOR THE RIFLE, COLORADO,
VICINITY PROPERTY NUMBER RF-430

Dear Mr. Sena:

The U.S. Nuclear Regulatory Commission staff has completed its review of the Vicinity Property Completion Report (CR) and the Vicinity Property Certification Summary and Decision for vicinity property RF-430 (East Highway 6 & 24) in Rifle, Colorado, submitted by letter dated July 29, 1996. NRC concurrence on this CR is required because the U.S. Department of Energy (DOE) applied supplemental standards during remediation.

Supplemental standards were applied to leave tailings contamination (approximately 832 cubic yards over 1198 square feet) on the southwest corner of the property due to the steepness of the slope of the property in that area. Based on 31 boreholes, the contamination extends up to 60 inches deep. The Ra-226 values ranged from 2 to 198 pCi/g. DOE based the application on criteria a and c of 40 CFR 192.21 because excavation on the steep slope would present hazardous conditions for workers and the estimated remedial cost would be high considering the limited potential use of the site. Thus DOE concluded that the resulting health benefit did not warrant further remediation of this portion of the property.

For the remediated portion of the property, none of the cleanup verification soil samples exceed the U.S. Environmental Protection Agency (EPA) standards for Ra-226 in soil, indicating that contamination has been appropriately reduced. There are no structures on this property.

Based on the information provided by DOE, NRC staff concludes that the remedial action complies with the approved remedial plan and concurs that remediation of the vicinity property, which includes the application of supplemental standards, was completed in accordance with the EPA standards. The NRC Review Form for Supplemental Certification of Vicinity Properties, containing NRC concurrence, is enclosed.

DOE should be aware that the drawing RF-430-050 indicates that the supplemental standards area covers "1198 sy", but CR Appendix B (page 55)

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indicates 1198 square feet. This discrepancy should be corrected.

If you have any questions concerning this letter, please contact the NRC Project Manager, Janet Lambert at (301) 415-6710.

Sincerely,

Original Signed By:]

Joseph J. Holonich, Chief
Uranium Recovery Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Enclosure: As stated

cc: S. Arp, DOE Alb.
J. Virgona, DOE GJPO
S. Hamp, DOE Alb
E. Artiglia, TAC Alb

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DOCUMENT NAME: S:DWM\URB\JAL\RIFL430.VP

*SEE PREVIOUS CONCURRENCE

OFC	URB		URB	C	URB	P				
NAME	*JLambert		DGillen		JHolonich					
DATE	10/ /96		10/24/96	H	10/ /96					

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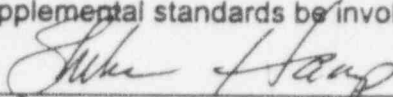
OFC	URB	H	URB		URB	
NAME	JLambert		DGillen		JHolonich	
DATE	10/2/96	E	10/ /96		10/ /96	

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VP No.: RF-430
NRC Review Form
for Supplemental Certification
of Vicinity Properties

The Department of Energy (DOE) has determined that the remedial action at the following vicinity property (VP) has been completed and thereby complies with supplemental standards invoked by DOE under 40 CFR, Subpart C, specifically Subsections 192.21 and 192.22.

- ☐ NRC concurrence for the Radiological Engineering Assessment (REA) given on: _____
- ☒ Supplemental standards were not in the REA, special circumstances required that supplemental standards be involved during remedial action.


Steven C. Hamp, DOE Certification Officer

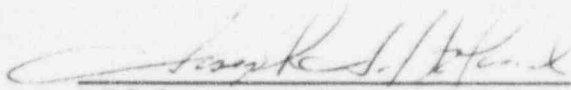
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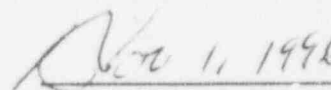
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Based on the information and certification provided by the DOE, the NRC:

- ☐ concurs that the remedial action at the subject VP has been completed under its authority provided by the Uranium Mill Tailings Radiation Control Act (UMTRCA), Section 104(f)(1) and as described in the Memorandum of Understanding (MOU), Appendix A, Section 3.4.
- ☐ concurs, as above, except for the following conditions:
- 1.
 - 2.
 - 3.
- ☐ See attached sheets for any additional provisions.
- ☐ needs additional information to make a concurrence decision. This information consists of:

- ☐ See attached sheets for any additional informational needs.


NRC Concurring Official and Title


Date