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WM-41/DMS/86/11/17

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WM Project 41

Mr. John Themelis, Project Manager  
Uranium Mill Tailings Project Office  
Albuquerque Operations Office  
U.S. Department of Energy  
Post Office Box 5400  
Albuquerque, New Mexico 87115

WM Record File

Docket No. \_\_\_\_\_

PDR ✓

LPDR \_\_\_\_\_

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Dear Mr. Themelis:

We have evaluated your request for concurrence in the use of Criterion D in 40 CFR Part 192.21 to justify the use of supplemental standards in the remedial action performed at the Salt Lake Fire Station Number One located at 3690 South Main Street in South Salt Lake City. Following remedial action, monitoring showed that radon progeny concentrations (working levels, WL) in portions of the fire station exceed the primary standard in 40 CFR Part 192. All feasible remedial actions for this vicinity property have been performed except for the costly removal of 18 cubic yards of tailings which were left in the masonry blocks of the fire station foundation walls and 2 cubic yards of tailings which were left underneath an underground gas tank.

Additional monitoring of the impacted areas of the fire station have shown that the annual average radon progeny concentration (0.022 WL) continues to be greater than the 0.02 WL cleanup standard; however, it is less than the 0.03 WL limit which must not be exceeded. Based on our review of the information provided on the remedial actions taken to date, the cost of any additional remedial action, and the designated use of the areas impacted by the tailings left in place, we concur in the use of supplemental standards at the Salt Lake Fire Station Number One vicinity property. If you have any questions on this concurrence, please contact Dennis Sollenberger at FTS 427-4789.

Sincerely,

ORIGINAL SIGNED BY

Dan E. Martin, Section Leader  
Uranium Recovery Projects Section  
Low-Level Waste and Uranium Recovery  
Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

cc: James Turi, DOE/HQ  
Jolene Garcia, DOE/AL

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