

February 24, 2009

MEMORANDUM TO: Steven A. Reynolds, Director  
Division of Nuclear Materials Safety  
Region III

FROM: Keith I. McConnell, Deputy Director/**RA**/  
Decommissioning and Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

SUBJECT: THE PROPOSED DERIVED CONCENTRATION GUIDELINE  
LEVELS FOR THE BRECKENRIDGE DISPOSAL SITE

In response to your technical assistance request dated February 6, 2009, staff from the Division of Waste Management and Environmental Protection (DWMEP) has reviewed the proposed derived concentration guideline levels (DCGLs) for both surface and subsurface cleanup and found them acceptable technically. Please see the enclosed Technical Evaluation Report dated February 20, 2009 for more details.

However, DWMEP staff notes that the proposed subsurface soil cleanup values for thorium-232 and radium-226 trigger the need for a Level I consultation with the U.S. Environmental Protection Agency (EPA). A Level I consultation needs to take place before NRC staff approves the subsurface DCGLs to ensure that EPA's comments and expertise are considered.

Enclosure: As stated

CONTACT: Richard Chang, FSME/DWMEP  
301-415-7188

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