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**EG&G ROCKY FLATS**

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EG&G ROCKY FLATS, INC.  
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

June 2, 1992

92-RF-6132

Terry A. Vaeth  
Manager  
DOE, RFO

Attn: J. P. Schneider

**ANALYSIS OF WATER TREATMENT SLUDGE - RVM-127-92**

Ref: (a) R. V. Morgan ltr (RVM-051-92) to R. M. Nelson, Analysis of Water Treatment Sludge, February 21, 1992.

(b) Colorado Code of Regulations for Solid Waste Disposal Sites and Facilities

Reference (a) required submission of analytical data and a proposed disposal solution for the Rocky Flats Plant (RFP) Water Plant sludge. These data have been received in the form of laboratory results and are in the process of being evaluated. Additionally, an advance copy of the data has been delivered to J. P. Schneider for DOE review. The results of the evaluation are prerequisite for determining an RFP disposal solution.

Radiochemistry analysis of gross alpha activity indicates a level in excess of the 40 pCi/g limit established by the state of Colorado as acceptable for landfill disposal. Prior to contacting the Colorado Department of Health (CDH) Radiation Control Division for further guidance, as required by reference (b), EG&G will perform an isotopic analysis of the sludge to verify that the activity is the result of naturally occurring radiation rather than DOE operations.

Upon completion of the analysis a recommended disposal solution will be discussed with your staff. Until a final decision has been reached, EG&G will continue to restrict disposal of the sludge in the sanitary landfill.

If there are any questions regarding this correspondence, contact D. R. Lobdell at extension 7905 or digital page 1371.

R. V. Morgan  
Director, Waste Operations

DRL:mmr

Orig. and 1 cc: - Terry A. Vaeth

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