

STATE OF COLORADO

COLORADO DEPARTMENT OF HEALTH

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Roy Romer
Governor

Thomas M. Vernon M.D.
Executive Director

January 28, 1990

Mr. Robert M. Nelson, Jr.
Manager
U. S. Department of Energy
Rocky Flats Office
P.O. Box 928
Golden, Colorado 80402-0928

Mr. James O. Zane
Manager
E.G. & G. Rocky Flats, Inc.
P.O. Box 464
Golden, Colorado 80402-0464

Dear Messrs. Nelson and Zane,

The Colorado Department of Health, Hazardous Materials and Waste Management Division (the Division) hereby approves the Proposed Surface Water Interim Measure/Interim Remedial Action Plan/Environmental Assessment and Decision Document and Responsiveness Summary for the South Walnut Creek Basin portion of the 903 Pad, Mound, and East Trenches (OU 2), Final Version, January 11, 1991 (IM/IRA). However, the Division would like some clarification on ARAR's.

Within the summary tables of Appendix B, it was noted that the data values for Chloroform and Strontium were, at times, elevated. Upon cross checking these values with the ARAR tables in Appendix E, it was found that no ARAR was promulgated for these two constituents. However, in Appendix C, ARAR values are listed for both. This matter was discussed with DOE and with a representative of Weston. After these discussions, the Division now understands that an ARAR value of 1.0 ug/l will be promulgated for Chloroform and that the source of this ARAR is the Colorado Water Quality Control Commission's fish and water ingestion standards. The Division also understands that, at present, no ARAR standard is being proposed for Strontium. It is the Division's opinion that an ARAR needs to be promulgated for Strontium because of the elevated surface water concentrations found in the OU 2 area. Even using the "background" level shown in Appendix C would be better than proposing "no standard."

ADMIN RECORD

A-DUOZ-000165

If you have any questions or comments regarding these matters,
please call Joe Schieffelin of my staff at 331-4421.

Sincerely,



Gary W. Baughman
Unit Leader, Hazardous Waste Facilities
Hazardous Materials and Waste Management Division

cc: Martin Hestmark, EPA
Fraser Lockhart, DOE
Tom Greengard, EG&G
Dan Miller, AGO
Barbara Barry, RFPU