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WMUR:RSH  
 Docket No. 40-8304  
 SUA-1204, Amendment No. 1

JUL 13 1981

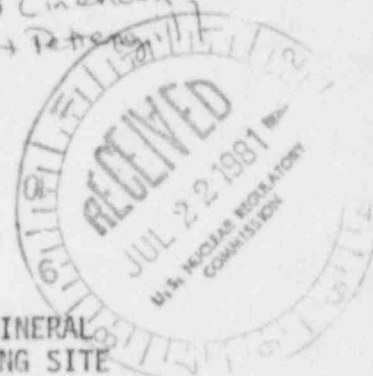
MEMORANDUM FOR: Ross A. Scarano, Chief  
 Uranium Recovery Licensing Branch  
 Division of Waste Management

IE & HQ (2)  
 RSheyer  
 DEMartin  
 RAScarano  
 REBrowning  
 JBMartin

THRU: Dan E. Martin, Section Leader  
 New Facilities Section  
 Uranium Recovery Licensing Branch  
 Division of Waste Management

J. Linahan  
 H. Peters

FROM: Ralph S. Heyer  
 New Facilities Section  
 Uranium Recovery Licensing Branch  
 Division of Waste Management



SUBJECT: ACTION LEVELS FOR MONITOR WELLS AT THE WYOMING MINERAL CORPORATION (WMC), IRIGARAY, R & D SOLUTION MINING SITE

Background: When renewed in July of 1980, Condition No. 13 of license SUA-1204 required the collection and submittal, by the licensee of certain baseline water quality data to permit the establishment of action levels for use in identifying excursion conditions. By letters dated December 22, 1980 and April 17, 1981 the licensee submitted the required baseline data and data from two additional quarterly sample rounds.

The submitted data has been previously reviewed by T. Vandell; that review was documented in a memorandum dated June 17, 1981 (copy attached) and recommended the establishment of certain specific action levels for certain wells. The action recommended herein is to establish these action levels in the license as planned.

Recommendation: In accordance with the conclusions of the earlier technical review completed by T. Vandell, it is recommended that Condition No. 13 of license SUA-1204 be revised to read as follows:

- Action levels for chloride, conductivity, and sulfate, for the purposes of identifying and reporting unusual chemical conditions, are computed as baseline plus twenty percent and shall have the following values for the following wells:

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Well No.	Action Levels		
	Chloride (mg/l)	Conductivity (μho/cm)	Sulfate (mg/l)
5I7 M-1	28	804	228
5I7 M-2	13	760	222
5I7 M-3	30	964	274
5I7 NM-3	13	787	244
5I7 M-4	23	1018	319
5I7 M-5	13	776	238
5I7 M-6	13	756	236
USMT M-218	12	691	126
USMT M-219	12	773	239
USMT M-220	45	1428	466
USMT M-221	29	736	206

Original Signed By:

Ralph S. Heyer, Project Manager  
New Facilities Section  
Uranium Recovery Licensing Branch  
Division of Waste Management

Original Signed by:

Approved by: D. E. Martin

Dan E. Martin, Section Leader  
New Facilities Section  
Uranium Recovery Licensing Branch  
Division of Waste Management

Attachment:  
Action Level Memorandum

*CASE CLOSED (04008304A01E)*

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