

July 7, 2006

MEMORANDUM TO: William von Till, Chief
Uranium Processing Section
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Material Safety and Safeguards

FROM: Stephen J. Cohen, Hydrogeologist **/RA/**
Uranium Processing Section
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Material Safety and Safeguards

SUBJECT: REPORT OF MEETING WITH JACOBI CONSULTING AND EVEREST
RESOURCE COMPANY ON JUNE 26, 2006

Enclosed for your information is a report of the subject meeting.

Enclosure: Meeting Report

cc: Meeting Attendees

July 6, 2006

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NAME	S. Cohen		B. Garrett		W. von Till/SJC for			
DATE	7/ 7 /06		7/ 7 /06		7/ 7 /06			

MEETING ATTENDEES



Date: June 26, 2006 - 6:00 p.m.

Topic: Jacobi Consulting/Everest Resource Company

NAME	AFFILIATION	PHONE NUMBER	E-MAIL
Stephen J. Cohen	USNRC	301-415-7182	sjc7@nrc.gov
Ron Linton	USNRC	301-415-7777	rl1@nrc.gov
Robert G. Lukes	USNRC	301-415-4025	rgl@nrc.gov
Ruth Weiner	USNRC/ACNW	505-289-8406	rfweine@sandia.gov
Mike Fliegel	USNRC	301-415-6629	mhr1@nrc.gov
Jim Clark	EEI	361-883-283	jclark@everest.biz
Rick Jacobi	Jacobi Consulting	512-656-4765	rjacobi@jacobiconsulting.net
William von Till	USNRC	301-415-0598	rwv@nrc.gov
Paul Michalak	USNRC	301-415-7612	pxm@nrc.gov

**MEETING REPORT
JACOBI CONSULTING/EVEREST RESOURCE COMPANY**

DATE: June 26, 2006

TIME: 6:00 p.m. to 7:00 p.m.

PLACE: Four Points Sheraton Denver Cherry Creek
Empire Room
600 South Colorado Boulevard
Denver, CO 80246

PURPOSE: Sidebar meeting to discuss the use of intentional soil mixing to meet unrestricted release criteria for radium.

ATTENDEES: See Attachment 1

BACKGROUND:

DISCUSSION:

1. Jacobi and Everest discussed with Nuclear Regulatory Commission (NRC) staff a decommissioned ISL site that contained a 25-acre irrigation area. Radium was not removed from the water prior to irrigation; therefore, the site became contaminated.
2. Because excavation and disposal was too expensive (~10 million dollars), soil mixing per NUREG-1757 is being considered. NUREG-1757 allows soil mixing at decommissioning sites to meet unrestricted release criteria under certain circumstances.
3. NRC stated that it would likely review such a request made to the State of Texas by Everest Resource Company.

ACTIONS: None

ATTACHMENTS

Attachment 1 - Attendee List

Enclosure