

May 31, 2012

MEMORANDUM TO: Bill Von Till, Chief  
Uranium Recovery Licensing Branch  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

FROM: Ron Linton, Project Manager **/RA/**  
Uranium Recovery Licensing Branch  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

SUBJECT: SUMMARY OF MAY 24, 2012 MEETING WITH URANERZ  
ENERGY CORPORATION

On May 24, 2012, U.S. Nuclear Regulatory Commission (NRC) staff met with representatives of the Uranerz Energy Corporation to discuss its Jane Dough unit and its Nichols Ranch In Situ Recovery Project Production Area #1 hydraulic pump test document. The associated meeting notice was issued on April 25, 2012, and is available at NRC's Agencywide Documents Access and Management System (ADAMS) Accession No. ML121150420. A summary of the meeting is enclosed.

Docket No: 040-09067

Enclosure: Meeting Summary

cc: Meeting Attendees  
G. Mooney, WDEQ

CONTACT: Ron Linton, FSME/DWMEP  
(301) 415-7777

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**ML12150A077**

Office	DWMEP	DWMEP	DWMEP	DWMEP
Name	RLinton	BGarrett	S Cohen	RLinton
Date	05/29/12	05/29/12	05/30/12	05/31/12

**OFFICIAL RECORD COPY**

## MEETING SUMMARY

DATE: May 24, 2012

TIME: 10:00 a.m. – 12:00 noon

PLACE: U.S. Nuclear Regulatory Commission  
Two White Flint North, Rockville, Maryland  
Room T-8C5

PURPOSE: To Discuss Nichols Ranch Unit Production Area #1 Wellfield Package Pump Test Data and Jane Dough Unit.

ATTENDEES: See Attached Attendee List

### BACKGROUND:

The purpose of this meeting was for Uranerz Energy Corporation (Uranerz) and Nuclear Regulatory Commission (NRC) staff to discuss the Uranerz Jane Dough site and the Nichols Ranch In Situ Recovery (ISR) Project Production Area (PA) #1 hydraulic pump test document.

The meeting and teleconference started at 10:00 a.m. Eastern time in room T-8C5. An opening statement was presented by Ron Linton, NRC. Participants introduced themselves and signed the attendance sheet.

### DISCUSSION:

Uranerz staff discussed information in a Power Point presentation (see attached) on the Nichols Ranch ISR Project PA#1 hydraulic pump test document that was recently submitted to NRC for review. Uranerz staff indicated the two pumping tests showed that the production zone of PA#1 is hydraulically connected to the installed monitoring well ring wells and is hydraulically isolated from monitoring wells overlying and underlying PA#1. Uranerz staff also discussed their decision to forgo installation of underlying monitoring wells in the southeastern portion of PA#1 due to the confining unit being greater than 50 feet thick. Uranerz and NRC staff discussed the license condition 11.3 B in SUA-1597 that requires underlying monitoring wells for every 4 acres of wellfield. Uranerz and NRC staff discussed language in the License Application (LA) and the NRC staff's Safety Evaluation Report that indicates that underlying monitoring wells may not need to be installed if a thick underlying confining unit is determined to exist, provided this is done in consultation with regulatory agencies. NRC staff suggested that using the Uranerz Safety and Environmental Review Panel (SERP) process, in consultation with both the NRC and other regulatory agencies, may be the best process to satisfy the consultation commitment made in the LA. NRC staff noted that Uranerz committed in the LA that the SERP would be used to verify that the results of the production area hydrologic testing and the planned production area activities are in compliance with NRC requirements.

Staff from Uranerz discussed the location of the Jane Dough unit that is adjacent to the Nichols Ranch unit of the Nichols Ranch ISR Project. Uranerz staff discussed the project in general

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terms. Uranerz staff asked NRC staff the best process for submitting an application for new production areas. NRC staff indicated that since there is no satellite plant proposed, the application should primarily focus on geologic and hydrogeological conditions at the new Jane Dough unit production areas. NRC staff indicated that if submitted and approved, the Jane Dough unit would be incorporated into License SUA-1597 as a license amendment.

**PUBLIC DISCUSSION:**

There were no members of the public that attended the meeting.

**ACTION ITEMS:**

NRC will provide a detailed meeting summary of the issues discussed.

The meeting and teleconference ended at approximately 11:45 a.m. Eastern time.

**ATTACHMENTS:**

1. Attendee List
2. Meeting Agenda
3. Slide Presentation



## MEETING ATTENDEES

Topic: To Discuss Nichols Ranch Unit Production Area #1 Wellfield Package Pump Test Data and Jane Dough Unit.

Date: May 24, 2012

NAME	AFFILIATION
Mike Thomas	Uranerz Energy Corporation
Bruce Larson	Uranerz Energy Corporation
Dawn Kolkman	Uranerz Energy Corporation
George L. Hoffman	Hydro-Engineering Corporation Consultant to Uranerz
Ron Linton	NRC
Elise Striz	NRC
Bill vonTill	NRC
John Saxton	NRC
Doug Mandeville	NRC

**MEETING AGENDA**  
**Uranerz Energy Corporation**  
**May 24, 2012 – 10:00 a.m. – 12:00 Noon**  
**Room T8C5**

MEETING PURPOSE: To Discuss Nichols Ranch Unit PA#1 Wellfield Package Pump Test Data Review, and Jane Dough Unit.

MEETING PROCESS:

<u>Time</u>	<u>Topic</u>	<u>Lead</u>
10:00 a.m.	Introductions	All
	Discuss Jane Dough Unit – Hydrology and Geology	Uranerz
	Jane Dough Amendment Format	All
	Nichols Ranch Unit PA #1 Wellfield Package Pump Test Data Review	Uranerz
	Discussion	All
	Summary of Action Items	Moderator
	Public Comment/Questions	Moderator
12:00 Noon	Adjourn	