From: Linton, Ron
To: Pete_Sokolosky@blm.gov;
cc: Gersey, Linda; VonTill, Bill;
Mandeville, Douglas;
Subject: RE: Irigaray Christensen Ranch ISR Project
Date: Monday, August 09, 2010 11:26:00 AM

Pete:

The Irigaray/Christensen Ranch docket number is 040-08502 which contains hundreds of pieces of correspondence since 2000, and some before that, but generally, pre-2000 is on microfiche which takes much more effort on our part to search.

The Christensen Ranch detailed application and NRC review was done in prior to the 1988 licensing of the Christensen Ranch satellite operation. Those geologic and hydrologic cross sections and information are not in ADAMS, but are publicly available in microfiche (the application for Christensen Ranch satellite operation was very extensive).

The license was renewed in May 30,1998. I had most of the 1998 renewal documents scanned into ADAMS, but I've not searched for the ML numbers for you.

A good ADAMS Accession number to review is ML081850689, which is a "package" number that contains the May 2008 renewal application. Also look at package ML083110405 and 092110700 (this one has some cross sections) which are both later supplements to the renewal application.

Ron C. Linton
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Management Programs
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-----Original Message-----
From: Pete_Sokolosky@blm.gov [mailto:Pete_Sokolosky@blm.gov]

Sent: Monday, August 09, 2010 10:22 AM
To: Linton, Ron
Subject: Re: Irigaray Christensen Ranch ISR Project

Ron,

Thanks for the information. My original email to Linda was a result of an inquiry from the Deputy State Director for Minerals and Lands who recently attended the University of Wyoming School of Energy Resources forum on the Future of Uranium Production in Wyoming held last week in Laramie. All the sessions were taped and the slides should be posted the School's website relatively soon; URL:http://www.uwyo.edu/ser/info.asp?p=23373 .

I'm also interested in the accession number(s) of plan view figures that show the locations of ore bodies that have yet to be produced and information about the vertical distribution of ore bearing sedimentary formations.

Thanks for your time.

Pete Sokolosky
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(307) 775-6203, fax

"Linton, Ron"
<Ron.Linton@nrc.gov>
08/06/2010 11:58 AM

To
"'Pete_Sokolosky@blm.gov'"
<'Pete_Sokolosky@blm.gov'>
cc
"Gersey, Linda"
<Linda.Gersey@nrc.gov>,
"Mandeville, Douglas"
<Douglas.Mandeville@nrc.gov>
Subject
Irigaray Christensen Ranch ISR Project

Pete –

Linda Gersey RIV indicated you were interested in the total number of wells at Uranium One's Irigaray and Christensen Ranch Project and the total amount of yellowcake produced.

An estimate of the total number of wells is provided in their annual surety update – see pages 11 of 19 of this document in ADAMS: ML092730433. It appears they have 2643 production, injection, monitoring wells at Christensen Ranch and 11 at Irigaray. Please note, most of these wells have been abandoned at Irigaray and are no longer being carried on the surety. There would have been many more during active operations at Irigaray. There are two deep injection wells at Christensen Ranch.

No yellowcake has been produced since 2005.

From ML060600505 (2005 Effluent Report). The Irigaray yellowcake dryer was in operation from January 5, 2005 through February 27, 2005, to dry remaining uranium from the Christensen groundwater restoration operations. The dryer was then shut down to clean out all tanks and associated piping within the Irigaray plant. The dryer was restarted on March 28, 2005 and operated until April 2, 2005, to dry all yellowcake derived from cleaning out the tanks and pipes. A total of 138,467 pounds were dried.

2004 – no yellowcake production from annual report
2003 – no yellowcake production from annual report
2002 – no yellowcake production from annual report
2001- 46,702 lbs yellowcake from annual report
2000- 71,455 lbs yellowcake from annual report

Records from prior to 2000 are all on microfiche and difficult to search. Since 2000, the facility has primarily only produced yellowcake as a product of groundwater restoration and not lixiviant injection.

Hope this helps. If you have any questions, please contact me.

Ron C. Linton

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