

May 11, 2015

Ms. Kelly Jamerson – Environmental Review Project Manager

U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, Maryland 20852-2738

Re: Request for Area of Potential Disturbance (APD) figure for the Ludeman Project to assist in NHPA Section 106 consultation process – Ludeman License Amendment to SUA 1341.
Docket No. 40-8502.

Dear Kelly:

As discussed in our PM to PM call of April 23, 2015, please find attached the figure depicting the area of potential disturbance (APD) for the Ludeman Project for reference in the NHPA Section 106 consultation process. The figure identifies the various roads (new and existing) that Uranium One anticipates utilizing, the primary features (wellfield areas, satellite plant, ponds, booster stations and potential deep disposal wells) of the project and the proposed License boundary and excluded areas. The legend assumptions identified are the width of the various buried pipeline corridors, the acres of potential disturbance and the buffer width used surrounding the wellfield areas.

The 20 foot buffer used for the wellfields is beyond the proposed monitor well ring locations and represents a very conservative (larger than anticipated) APD. The 20 foot buffer represents approximately 53 acres. The total APD based on the attached figure is approximately 2,226 acres. It should be noted that the APD values will not correspond with the disturbance calculations presented for the project in the License Amendment Application. The values for the APD are conservative (project more disturbance than anticipated), for example Uranium One does not anticipate disturbing areas outside the monitor well ring yet a 20 foot buffer was included in the APD. It should also be noted that the area between the active wellfield (wellfield under pattern) and the monitor well ring is typically 500 feet, this area represents approximately 764 acres which is typically not disturbed.

If you have any questions please do not hesitate to contact me at scott.schierman@Uranium1.com or 307-233-6330.

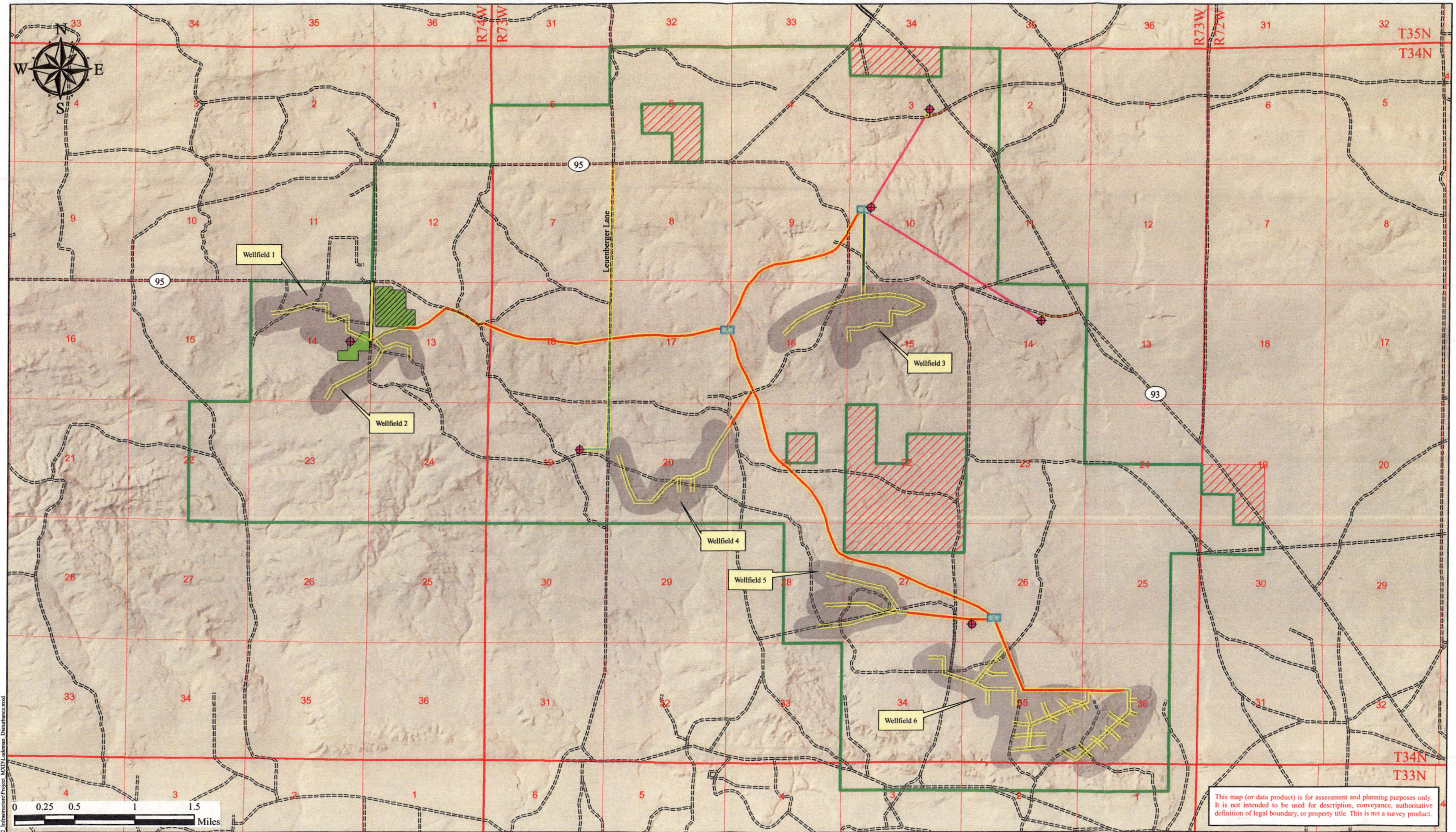
Sincerely,



Scott Schierman
Manager HSE


Cc: Elise A. Striz, Project Manager
Julie Powell, Project Manager, Wyoming Department of Environment – Land Quality Division

Encl: Figure – Area of Potential Disturbance for Section 106 Consultation




This map (or data product) is for assessment and planning purposes only. It is not intended to be used for description, conveyance, authoritative definition of legal boundary, or property title. This is not a survey product.

PREPARED FOR




investing in our energy


LUDEMAN PROJECT
CONVERSE COUNTY, WY




TREC, Inc.
Engineering & Environmental Management


900 Werner Court
Suite 150
Casper, Wyoming 82601
Phone: (307) 265-0696
Fax: (307) 265-2498


 Ludeman Project Boundary


 Excluded Area


 Existing Secondary Roads


Proposed Access Roads

 Primary Access


 Secondary Access Road

 Evaporation Ponds


 Satellite Plant Facility

 Wellfield & Monitor Well Ring + 20 ft. buffer


Deep Disposal Well Pad


 2 Acre Disturbance


Booster Station


 1 acre Disturbance


Disturbance Width

 12 ft. - Road

 20 ft. - DDW Pipeline

 20 ft. - Road + DDW Pipeline

 25 ft. - Road + Trunkline

 50 ft. - Road + Trunkline + DDW Pipeline

DRAWN BY: EGS

CHECKED BY: CAT

APPROVED BY: JW

Area of Potential Disturbance for Section 106 Consultation

REV #	DESCRIPTION	BY	DATE	FIGURE
0	For Submittal	EGS	4/30/2015	
1				

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