



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

December 2, 2016

MEMORANDUM TO: Bill Von Till, Chief  
Uranium Recovery Licensing Branch  
Division of Decommissioning, Uranium Recovery  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

FROM: John L. Saxton, Project Manager */RA/*  
Uranium Recovery Licensing Branch  
Division of Decommissioning, Uranium Recovery  
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Office of Nuclear Material Safety  
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SUBJECT: PUBLIC MEETING SUMMARY

On October 4, 2016, a public meeting was held at U.S. Nuclear Regulatory Commission Headquarters, at the request of Strata Energy, Inc. to discuss the recently issued request for additional information on the Kendrick Amendment request. A summary of the meeting is enclosed.

Docket No.: 040-09091

Enclosure:  
Meeting Summary

CONTACT: John Saxton, NMSS/DUWP  
(301) 415-0697

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## MEETING SUMMARY

DATE: October 4, 2016

TIME: 2:00 p.m. to 3:20 p.m.

PLACE: U.S. Nuclear Regulatory Commission, Headquarters  
Two White Flint North, Room T8E08  
Rockville, Maryland

PURPOSE: To discuss/clarify staff's request for additional information for the Kendrick Amendment Request for the Strata Energy, Inc. Ross ISR facility, Crook County, Wyoming

ATTENDEES: See Attached Attendee List.

### BACKGROUND:

By letter dated September 14, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML16253A047), the U.S. Nuclear Regulatory Commission (NRC) issued its Request for Additional Information (RAI) on the Kendrick Amendment Request for Strata Energy, Inc.'s (Strata's) Ross ISR facility located in Crook County, Wyoming.

Strata requested a public meeting to discuss the RAI. The meeting was public noticed on September 21, 2016, on NRC's public website (ADAMS Accession No. ML16265A542).

### DISCUSSION:

The NRC staff read the opening statement for a Category 1 public meeting. A list of attendees are attached (Attachment 1).

Strata representatives posed a question concerning liquid and solid wastes and mechanism to address RAI 1.0-1. The NRC staff discussed the need for clarity and cross referencing which amendments were applicable to Ross and which were applicable to Kendrick and that a table or listing was sufficient. The NRC staff also noted that the listing should include all areas in the Kendrick amendment which included changes from the Ross application and if an area is not list then the assumption is that language in the Ross application is applicable. Strata asked about updating the Ross application as well. Participants discussed the need to submit the appropriate page changes upon approval, provided commitments are made to do so.

Strata representatives posed a question on the applicability of the SERP to address RAI 2.7-1. The NRC staff informed Strata representatives that recent changes in the designation of the mine units (e.g., two) in the original Ross application are now four as discussed in the Kendrick amendment but staff did not have a figure. Strata representatives indicated that a new figure will be submitted.

Strata representatives posed a question on RAI 2.7-2. Strata representatives asked if sufficient information had been submitted for the amendment of License Condition 11.3 for the Ross area, which is a similar request. The NRC staff indicated that sufficient information has been submitted and the amendment request is currently under review. Strata

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representatives asked about well yields and what criteria it should use. NRC staff indicated that recovery after sampling would be the important criteria (e.g., 90% recovery within 24 hours).

Strata representatives posed a question on RAI 2.7-4. Strata representatives noted that the pumping tests conducted by Strata were acceptable to the NRC. The NRC staff noted that the pumping test configuration may not be sufficient to quantify the properties for the lower confining unit. The NRC staff inquired whether Strata had additional information.

Strata representatives posed a question on the technical basis for RAI 2.9-2. The NRC staff explained the technical basis and asked for summary information on the sediment sampling rationale.

Strata representatives posed a question on RAI 6.3-1. The Strata representatives indicated that it was not likely to go through the effort for on-site disposal, though the impetus from the local landfill was not wanting clean construction debris. If Strata elects to pursue this option, they will document it in the decommissioning plan. Strata will ensure that the next surety update includes only off-site disposal.

Strata representatives posed a question on RAI 6.4-1. Strata suggested combining the amendment request for a soil cleanup criterion to both sites (Ross as well as Kendrick). The NRC staff expressed a view that this would be a good approach.

Strata representatives posed a question on RAI 7.3-1. The NRC staff indicated that collective dose was needed for the environmental review and, for the technical review, staff need to verify that the appropriate input parameters were used. Strata representatives indicated that additional MILDOS runs were not needed but will provide what had been done. The NRC staff asked if a distributed or point source was used to model the wellfields. Strata representatives were unsure of the exact nature but will discuss it in the response.

The NRC staff noted that for RAI 5.7.8-2, there are discrepancies in location of the upstream sampling location on two figures (Figure 2.7-8 in the technical report and Figure 6.1-1 of the environmental report). Strata will resolve that discrepancy.

The NRC staff noted that RAI 2.6-1 was significant. The NRC staff needs to verify the sufficiency of the data used for contouring the isopach mapping of the lower confining unit and developing the cross-sections (e.g., the Deep Monitoring unit was not depicted on the cross sections in the areas of most ore zones). The NRC staff asked how many drill holes extended to the DM unit in the Kendrick Area. Strata representatives stated that the geophysical logs for 261 drill holes were used for mapping in the Kendrick area, of which 108 drill holes extended to the BFS1 or BFS2 horizon. Of those, logs for 163 drill holes were available for the proposed wellfield areas of which 55 drill holes were to the appropriate depth of the DM unit. The NRC staff further discussed the need to have supporting information in order to have a reasonable assurance determination, considering that the Kendrick area is three times the size of the Ross area. Also, the NRC staff noted that for RAI 2.7-3, Strata needs to articulate the technical basis for continuous, rather than instantaneous, flow to the livestock water supply wells.

The meeting was adjourned at 3:20 PM.

Attachments:

1. List of Attendees



**MEETING ATTENDEES**  
**Date: October 4, 2016**  
**Room T8E08**  
**2:00 pm to 03:20 pm**

**Topic: Discuss Kendrick Amendment Technical RAIs**

NAME	AFFILIATION
John Saxton	NRC
Anthony Huffert	NRC
Jack Fritz*	WWC
Wade Felcons*	WWC
Jessie M. Quintero*	NRC
Mike Sherman*	Restoration Group
Mike Griffin*	Strata
Ben Schiffer*	WWC

**\*Participated via Teleconference**