
CONVERSATION RECORDTIME | DATE
8-29-2006

VISIT CONFERENCE TELEPHONE

INCOMING
 OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT	ORGANIZATION (OFFICE, DEPT. ETC.)	TELEPHONE NO.
Kelly Crooks, RSO	Dept of the Army	309-782-0338
Gary W. Buckrop, ARSO	Rock Island Arsenal	309-782-2969
Mike Styvaert		309-782-0880
		FAX -2988

SUBJECT

Control No. 315644 – Regarding amendment request for License No. SUC-1380, by letter dated August 15, 2006, to add a new site use area. This area is designated as Area-31 which is a former Production Waste Landfill at Lake City Army Ammunition Plant. The amendment requests authorization to remediate the area, in accordance with Area 31 Final Status Survey Work Plan, which will be submitted after final revisions.

SUMMARY

A review of the "Draft" Area 31 Final Status Survey Work Plan, dated July 2006, resulted in the following questions for which we are requesting additional information/clarification:

1. Section 1.1: Information provided indicates that sifting and/or screening activities have already taken place in Area 31. In support of the case that there is low likely-hood that additional DU sources remain, please describe what type of sifting specifically has already occurred and provide any additional details (screen size, equipment used, etc.) of the sifting operation.
2. Section 1.4: The Conceptual Site Model describes the conditions of projectiles recovered during waste screening operations as intact, although noting "indications of oxidation ... suggesting that the projectiles have been exposed to weathering." The section goes on to suggest that it is possible "that the projectiles may have been exposed to high temperatures" and "DU may be present in the waste pile material in the form of 20-mm projectile bodies and, possibly as fine material resulting from oxidation." Please provide your best estimate of the amount of DU metal that may exist in the waste pile in Area 31? Is there any additional information, for example radiological soil samples, that would indicate any DU discovered will not be intact (resulting in diffuse contamination of the soil and surrounding area)? If so, please describe?
3. Section 2.3: Waste Pile Geometry states that "heavy equipment will be used to re-grade the waste pile" to allow for a survey "to be conducted in three one-foot lifts." When is this re-grading activity expected to begin? Also, approximately how long do you estimate the activity in Area 31 (re-grading, gamma walkover survey, removal of DU, soil sampling) will take from beginning to end?
4. Section 2.4: Designation of Survey Units describes the waste material lifts as MARSSIM Class 2 Areas, "based on the small number of DU projectiles previously identified ... and on the low likelihood that DU has migrated into the soil in significant quantities." Was a scientific study or environmental sampling data used to reach this conclusion? Please discuss the rationale behind the Class 2 designations.
5. Section 2.6: Removal and Containerization of DU states that "DU rounds that are removed from the waste pile will be containerized appropriately and staged onsite at an approved location to await final disposition." Describe the status of the on-site location mentioned? How long does the licensee expect to store on-site any recovered DU?

6. Section 3.2: Soil Sampling states that "Soil samples will be collected and sent to an accredited off-site laboratory for radioactivity analysis by gamma spectroscopy." The off-site laboratory is also mentioned extensively in Chapter 4. Please identify the accredited off-site laboratory the licensee has contracted to perform this analysis? Also, please specify the type of accreditation they possess?

7. Regarding Service Licensee (Cabrera Services) activities, Please confirm that: a) A copy for the Administrative Agreement between you and the Service Licensee will be provided to us just before work begins; b) A minimum of two weeks notification will be provided to us before work begins; c) Provide us a Point of Contact for this work activity; and 4) Confirm that Quality Assurance procedures, survey procedures, etc. will be on site for inspection purposes.

8. Also, it is necessary to address NRC's Dr. Peter Lee's previous discussion with the Contractor POC regarding the type of survey meter (scan sensitivity) to be used for the 100% walk-over survey, and the types of instruments to be used. During this call it was indicated that a test to demonstrate Scan MDC and ability of the instrumentation to detect DU in a 12 inch depth of soil during scans may be conducted. Please provide the results of this demonstration test.

ACTION REQUIRED

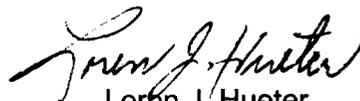
Licensee is requested to provide a response to the above questions by September 19, 2006, as additional information to Control Number 315644. Response may be sent to Loren Hueter by facsimile (630-515-1259). No followup hard copy is needed. Any questions may be directed to Loren Hueter by telephone (630-829-9829).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this Conversation Record will be available electronically in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE



Loren J. Hueter
George M. McCann
Gene Bonano
Andrew Bramnik

9-06-2006

ACTION TAKEN

SIGNATURE

TITLE

DATE