

November 6, 2006

Mr. E. Jonathan Jackson, President
FMRI
10 Tantalum Place
Muskogee, OK 74403

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED
TEMPORARY STORAGE OF EXCAVATED MATERIAL

Dear Mr. Jackson:

By letter of July 6, 2006, FMRI requested an amendment to condition 25 of SMB-911. Condition 25 currently requires indoor storage of bagged WIP material on pallets. The amendment requests approval for outdoor storage in an enclosed area with a plastic liner and cover. The proposed materials for the liner and cover are:

- Liner: 40 - 60 mil high density polyethylene (HDPE)
- Cover: 20 - 60 mil seam welded HDPE

In reviewing the application, the staff has identified several items for which it needs additional information before reaching a conclusion on the application. These are:

1. The amendment application identifies a range of thicknesses for the HDPE covers and liners. Please provide the criteria by which the choice will be made. Also, include the actual thickness for the initial pieces, and criteria by which any replacement pieces may be of a different thickness or material.
2. Please provide the design life and the technical specifications on the resistance to damage of each of the proposed covers and liners from sun, wind, hail, contact with wet soil, and missiles (wood, metal, rigid plastic, etc. during a strong wind, e.g. tornado).
3. Please provide the inspection and repair plan for the liners and covers. This should include a frequent visual inspection and a regular, more detailed inspection to identify incipient failures, as well as a plan for patching or repairing actual failures.
4. Please provide a plan and bases for the time the bagged WIP material will remain in storage in the proposed configuration. If any such material will remain on-site beyond the design life of the liners or covers, describe the replacement criteria and plan for replacement activities.

E. J. Jackson

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The current storage requirements of LC 25 remain in abeyance, per my letter of August 4, 2006, until final action on this amendment application is completed.

If you have any questions on this matter please contact me at (301) 415-6712 or at jcs2@nrc.gov.

Sincerely,

/RA/

J. C. Shepherd, Project Engineer
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Docket No.: 40-7580

License: SMB-911

cc: FMRI Service List

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