TELEPHONE CONVERSATION RECORD

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DATE OF CALL: January 15, 2009

SUBJECT: STAFF REVIEW OF LICENSE TERMINATION REQUEST FOR AASTROM BIOSCIENCES (MAIL CONTROL NO. 317655)

Docket No.: 030-33266
License No.: 21-26519-01

On the above date, staff contacted the licensee to obtain additional information regarding the licensee's termination request dated September 30, 2008. The following was discussed:

1. Historical Site Assessment

   a. Discussed past locations of use with the licensee. .

   Mr. Martin (RSO) confirmed that licensed materials were only used or stored at Lobby L and Lobby K with a small cabinet used for radioactive waste located on the first floor (basement) as authorized. Lobby L was released by the NRC on October 18, 2007, as authorized in License Amendment No.14. (ML 072920534). Following the release of Lobby L, Lobby K was used to store source standards and a cell harvester.

   Licensee will verify that the area decommissioned by the consultant was Lobby K and not Lobby L as indicated in the FSS dated October 2008.

   b. Staff discussed past materials used in the current location, quantities possessed, and types and quantities used per experiment.

   The RSO indicated that he would research the types and quantities of licensed material used since Lobby L was released in October 2007, and provide the NRC with this information.

c. Staff requested clarification regarding specific locations and identification of the location(s) being released. Floor plan, room identifiers, etc.

Licensee will furnish floor plans of appropriate areas surveyed/wiped.

d. Were drains, vacuum lines and other potential effluent pathways checked?

Licensee will verify the checks and forward the information to NRC. The RSO also indicated no past incinerations occurred or on-site burial locations exist.

2. The manufacturer names for the instruments are not provided. Also, the source indicated for the tritium detector and other instruments was indicated as technetium 99. Provide information that supports the use of these instruments, and discuss the appropriateness of the check sources for efficiency and calibration checks.

   Licensee will obtain appropriate documentation from the contract vender regarding instrument calibration using Tc99 for H-3 detection and forward the information to Region III.

3. The FSS indicates that measurements for alpha contamination were performed. Was there a basis for reporting alpha measurements?

   The RSO will obtain the information from the contract vender.

4. Have all waste material been removed and or disposed? **Yes. The RSO faxed an NRC Form 314 "Certificate of Disposition of Materials", dated September 30, 2008, indicating that materials had been disposed of via a licensed vender. Waste manifests were also provided and reviewed.**

5. Consultants conclusion statement does not indicate that the release is compliant with 10 CFR 20.1402. NRC release criteria are dose based, and they need to make a statement comparing their findings against Part 20. NUREG 1757, vol 1, Appendix B.

   The licensee will obtain correlated results that are comparable to 25 mrem/year dose rate as compared to results expressed as dpm/100 square cm.

6. Also section 4, they indicate that measurements for H-3 were taken when applicable? What do they mean by that? **The licensee will verify this issue with the decommissioning consultant.**