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325-B FACILITY

E. L. Foster

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Due to the continuing high air sample results over the past six months, a thorough review of conditions and procedures was felt necessary for 325-B facility. A complete survey of the facility was made, looking for possible or definite problems. A discussion about procedures and conditions was held with all Radiation Monitoring personnel involved with the facility.

The following items we felt needed attention to improve the working environment for the personnel in the facility.

1. Recommend glovebox be decontaminated and gloves changed to reduce dose rates.
2. Repair fume hood for proper airflow.
3. Move slurry jug inside fume hood and provide lead shielding.
4. Change storage of samples outside of cells to reduce dose rates.
5. Recommend contaminated waste from cells be bagged when removed through transfer tray.
6. Recommend fume hoods be installed at cell transfer trays.

During a recent house cleaning, personnel in 325-B took action to correct items number 1 through 5, which leaves item number 6 to be considered. The need for fume hoods is based on high air sample results. These fume hoods would be very helpful in the unpackaging of contaminated samples. The removal of samples from the cell requires good air flow due to contamination levels.

E. L. Foster
Radiation Monitor