

QUESTIONNAIRE FOR PERSONNEL INVOLVED WITH RADIOACTIVE MATERIALS

The purpose of this questionnaire is to assist Cabrera Services, Inc. in collecting information for a Historical Site Assessment (HSA) in support of the Environmental Condition of Property (ECP) Phase I for selected Base Realignment and Closure (BRAC) installations. The HSA findings will be used to design and perform radiological surveys, as necessary to support release of the selected installation. Please complete this questionnaire to the best of your recollection, and include any additional explanations in the Additional Notes/Comments section on the last page of this questionnaire or on an attached sheet of paper.

Date of Interview: July 11, 2006

Name of Interviewer: Bob Dover

Selected BRAC Installation: Fort Monmouth

Mode of Communication(s): Face-to-face interview

Contact Information: Building 2704

1. What is your name and what is/was your job title/position?

Alex Chia, Environmental Testing Facility Operator

Karl Lasala, Engineering Technician, Environmental Testing Facility Operator

2. During what span of years have you worked, or did you work, at this installation?

Mr. Lasala has worked at Fort Monmouth since 1981.

3. How many years have you worked with radioactive materials?

Mr. Lasala has worked with radioactive materials since he has been employed at this installation.

4. Can you name or identify the radioactive commodities or devices that you or anyone else might have worked on within the selected installation? What isotopes did they contain?

Mr. Lasala can recall one time that he performed a test on a piece of electronic equipment that contained a radioactive source. He continues that there may have been other instances when they received equipment with radioactive sources, but he had not specifically been told.

There may be records regarding this, but they are in the same location as the records on the other items they tested.

5. Can you identify any locations/areas/buildings of known use or storage of radioactive material used at the selected installation, including fuel, raw materials, experiments, products, and liquid and solid effluents and wastes? (Be specific; Bldg/room numbers, outdoor areas, etc.)

None known.

6. Where and how was the shipping and receiving of radioactive material handled?

Not applicable.

7. Did any of the radioactive commodities or devices contain radium-226, cesium-137, hydrogen-3 (tritium) or cobalt-60? How did you handle these items (e.g., standard procedures, contamination controls, personal protective equipment, etc.)?

Mr. Lasala does not recall any special precautions that were taken when he tested the equipment known to contain a radioactive source.

None of the Mr. Lasala's equipment uses radioactive sources while in operation.

8. Did your standard operating procedures address disposal of radioactive materials or contaminated material/waste? Are you aware of any disposal, or incineration, of radioactive material onsite or if rad material was transferred to an industrial landfill as non-rad trash?

Mr. Lasala is unaware of specific written procedures for handling radioactive sources in the equipment they test, or for handling leaks/spills. This could still theoretically be a part of his mission. Theoretically, a customer could supply equipment with sources needing testing

9. Was animal research, with radioactive material, ever performed at the site? Describe.

None known.

10. Are you aware of the presence of any radionuclide-containing exit signs or smoke alarms?

None known.

11. Were electronic maintenance activities performed on equipment with electron tubes? Where?

Not applicable.

12. Describe what would happen if a radioactive commodity or device was damaged or broken. Whom would you tell? What special procedures would have been implemented?

Not applicable.

13. Do you recall any instance of broken or leaking sources or any other contamination incidents or accidents? Describe as accurately as can be recalled, including dates, specific rad materials and forms, contamination levels, aerial extent of contamination, and disposition.

None known.

14. Are you aware of any studies/reports that may have identified contaminated areas and the isotopes activated? Describe.

None known.

15. Are there any other individuals you feel should be interviewed regarding the above items?

Mr. Chia and Mr. Lasala do not mention any individuals.

16. What areas would you concentrate on if you were conducting a radiological close out survey of the selected installation?

None known.

17. Additional Notes / Comments:

Both men conduct shock, vibration, and explosion testing in Building 2704. Most tests have been conducted on electronic equipment, and have been conducted in Building 2704 since the mid-1960s. Building 2704 was built in 1965 as a large simulated tropical forest with plants, humidity, etc. for environmental testing during the Vietnam War. There is a subfloor drainage system that goes to the sanitary sewer system for condensation in the humidity chambers (no radiological materials would drain here). The facility includes 10 – 15 chambers, equipment, or full rooms where the testing occurs. This includes a drive-in chamber for testing vehicles in heat, cold and humidity.
