

Exercise 3

Hypothetical Facility Exercise

Session Objectives:

After the session the participants will:

1. Understand the basic functions of the Hypothetical Facility
2. Identify the different areas of the Hypothetical Facility

Estimated Time:

25 minutes in subgroups
+25 minutes for large group discussion
50 minutes total

Exercise:

1. In groups, answer the questions on the Hypothetical Facility.

Report Your Results in Large Group Discussion:

1. The instructor will discuss the answers with the group. Those groups with differing answers will share their answers and discuss why they chose that answer.

Exercise 1: in groups, answer the questions below. Be prepared to discuss your answers.

1. Describe the access control procedures for personnel entering and exiting the SRNI PA.
2. Describe the access control procedures for personnel entering and exiting the Fuel Fabrication Building.
3. Identify the locations where nuclear materials are processed or stored in the Fuel Fabrication Building
4. Describe the delay and detection elements in place at the Fuel Fabrication Building vaults.
5. How many Material Balance Areas are the in the SRNI? Identify them.
6. Identify the material flow of the Fuel Fabrication Building.
7. What are the working hours of the Fuel Fabrication Building?

8. How many full time employees work at the SRNI? Of those, how many employees have access to the protected area?

9. For a normal test, how long is a part in the X-ray facility?