

UNIT 4 – WEAPONS OF MASS EFFECT: RADIATION

READING

- Dirty Bomb Fact Sheets:
 - <http://www.bt.cdc.gov/radiation/pdf/dirtybombs.pdf>
 - <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/dirty-bombs.html>
- Nuclear Blast Fact Sheet:
 - <http://www.bt.cdc.gov/radiation/pdf/nuclearblastfaq.pdf>
- Acute Radiation Syndrome Fact Sheet:
 - <http://www.bt.cdc.gov/radiation/pdf/ars.pdf>
- Radioactive Contamination and Exposure:
 - <http://www.bt.cdc.gov/radiation/pdf/contamination>

QUIZ

- What is Radioactive Contamination?
- What is External Contamination?
- What is Internal Contamination?
- What is Radiation Exposure?
- How does Contamination differ from exposure?
- How can exposure or contamination happen?
- How can you limit contamination?

VIDEO

- NOVA; *The True Story of Typhoid Mary*, The most dangerous woman in America.

LECTURE NOTES

- Frequently Asked Questions About a Nuclear Blast
- Radioactive Contamination and Radiation Exposure
- Acute Radiation Syndrome
- Dirty Bombs
- Long Term Affects

REVIEW PROJECT PROGRESS:

- Diagram the incident command structure needed to respond to the final project scenario.
- Conduct a research on Ricin and prepare a two-page report (Due next week)

HOME WORK

- **READING:** *Emergency Procedures*, Chapter 5, Pages 95-108

NOTE: Next week you will receive a mid-term progress report

1. What is Radioactive Contamination? _____

2. What is External Contamination? _____

3. What is Internal Contamination? _____

4. What is Radiation Exposure? _____

5. How does Contamination differ from exposure? _____

6. How can exposure or contamination happen? _____

7. How can you limit contamination? _____

