

LESSON PLAN FOR ANNUAL REFRESHER-2012

- TOPIC -1 Go over radiation exposure limits for personnel and public. Talk about health hazards associated with overexposure both long term and short term limits. Discuss ways to prevent both personnel and the public from being exposed to a dose that is over the limits. Demonstrate proper usage of personnel monitoring devices. Ensure that individuals understand the proper exposure device survey techniques and when to perform surveys on exposure devices.
- TOPIC - 2 Discuss proper jobsite to jobsite transporting procedures for radioactive material. Talk about the different labels used and how to determine transport index and how to perform vehicle surveys. Demonstrate how to properly fill out transportation paperwork and daily survey sheets and let the individuals fill out examples.
- TOPIC - 3 Discuss and demonstrate how to determine radiation levels at several distances from an exposed radiation source by using the inverse square law. Explain how this can be used for barricading purposes. Go over proper barricading techniques and what the radiation exposure limits should be at the barricades.
- TOPIC - 4 Discuss the proper and improper ways to secure an exposure device while the crew is on a temporary jobsite. Ensure the individuals understand the special circumstances involved with offshore radiography and how Increased Controls Policies dictate what sources can and cannot be brought offshore. Stress the importance of maintaining proper communications with customer representatives. These communications must involve letting the customer know the hazards of radiological work. Demonstrate how the offshore checklists are to be filled out properly and let the individuals fill out an example of each checklist.
- TOPIC - 5 Talk about the potential consequences for wrongdoing. This topic will range from biological consequences to fines and penalties levied by state and federal agencies. Give examples of these consequences so that individuals understand the importance of following regulations and procedures. Ensure that individuals understand that these regulations and procedures are there to protect the workers and not to hamper the workers.
- TOPIC - 6 Discuss the emergency procedures (Section 4) in the O& E Manual.

EMPLOYEE: _____ DATE: _____