

IAEA R2D2P Dismantling Exercise

University of Buffalo Materials Research Center Decommissioning

December 3-7, 2012

Team:

Assignment:

Task Planning:

Procedure/Work Package:

System/component:

Location:

System/Component Area History (spills, leaks, neutrons)

Radiological Characterization

Safety Requirements:

Lock Out-Tag Out

Component Isolation and Drained

Fire Safety Protection

Asbestos/Lead Paint/Chemicals

Confined Space

Trip/Fall Hazards

Personal Protective Equipment

Radiological Protection:

Radiation Work Permit Requirements

ALARA – Shielding

Contamination Controls

Airborne Radioactivity Controls

Respiratory Protection

Anti-Contamination Clothing

Work Preparation:

Interference removal

Rigging and Lifting

Decontamination

Work Sequence

Dismantling Technique:

Dismantling Technique Hazards

Segmentation Plan

Waste Management:

Waste Management Planning

Waste Minimization

Waste Segregation

Release (Clearance) Surveys

Waste Packaging

Waste Treatment

Waste Handling and Interim Storage

Training and Qualifications

Worker Qualifications and Experience

Work Package/Procedure Review

Plan of the Day/Pre-job Briefing

Supervisory Involvement

Critique Items:

Positive Observations:

Improvement Observations:

What would you do differently in your country?