EXTERNAL BEAMLINES OJT

This OJT provides you with a checklist, guideline, and record of your Operator II External Beamlines training, and also introduces you to regular operational procedures as well as physical locations of equipment. **It is very important that you do not lose this document.** If you lose this document the training, you have completed will have to be redone.

This training list has been successfully completed.

Department Head (Signature/Date)_____

Contents

Part 1: MeV Test Area MCR

Trainer Date

1. Nomenclature

Understand that MTA refers to the building and associated beamline. ITA refers to the shielding block cave and experiment located therein.

Trainer Date

2. Beamline Components

Be familiar with the major components of the MTA beamline. Your knowledge should include:

____ E:UHB01 C-magnet

____ Critical Devices

- ____ E:UBS01
- ____ E:UHB03

Trainer Date

3. Hall Access

Be familiar with the hazards associated with accessing the MTA Hall. Your knowledge should include:

____ RSO permission is required for all Controlled Accesses

____ No entry or manipulation of devices contained within the ITA Cave without RCT coverage

Part 2: MeV Test Area Walkaround

_____ Trainer Date

1. Lower Linac Gallery Tech Shop

____ E:UHB03 power supply

_____ Trainer Date

2. South Linac Upper Gallery

____ Magnet power supplies
- ____ Dipoles
- ____ Quads
- ____ Correction elements

____ IRM and VME chassis

____ Toroid electronics

____ Beamline permit chassis

____ BPM and BLM hardware

_____ Trainer Date

3. Booster West Gallery 400 MeV Area

____ Ion pump power supplies

____ Vacuum gauge hardware

_____ Trainer Date

4. MTA Hall Enclosure

____ Enclosure entrance