

Chapter Outline for Chpt. 5. Target System and Support Facility (Draft 0)

(P. Spampinato/ORNL)

Solenoid Magnets

High Field Coils

Transition Field Coils

Decay Channel Coils

Radiation Shield

Coil Replacement and Remote Handling

Target System

Target System Operation

Hg System Flow Loop

Mercury Containment

Target System Replacement and Remote Handling

Proton Beam Absorber

TBD

TBD

Support Facility

Target Region

Decay Channel

Proton Beam Window Region

Crane Hall

Maintenance Operations

Hot Cell

Remote Handling Equipment

5.5 Cost