



## NSD 1003 Experimental Area Radiation Survey Procedure

### Course Syllabus

**Subject Category:** 88" Cyclotron Accelerator Safety Credited Control

**Course Prerequisite:** None

**Course Length:** NA

**Medical Approval:** None

**Course Mode:** One-on-one OJT with supervisor

**Course Purpose:** Credit for this course will be granted to an 88" Cyclotron Operator after they have demonstrated performance under supervision of the steps in the 88-OPS-PRO-003 Experimental Area Radiation Survey procedure at least once without aid or correction.

#### Learning Objectives:

After completing this training, participants will be able to

- Perform a documented radiation survey of the following cave shielding structure interiors:
  - Cave 0
  - Cave 1
  - Cave 2
  - Cave 3
  - Cave 4
  - Cave 4A
  - Cave 4B
  - Cave 4C
  - Cave 5

**Training Requirements:** Must be an 88" Cyclotron operator, must have read and understand 88-OPS-PRO-003 (rehearse as necessary)

**Instructor:** 88" Cyclotron Operations Supervisor

**Course Instructional Materials:** in-person training, Attachment A of 88-OPS-PRO-003 (survey map), pen, clipboard, Invision 451P ionization chamber radiation detector (or similar) and <sup>137</sup>Cs check source

**Practical or performance Assessment / Exam:** Yes

**Retraining/Recertification:** Yes, on a three year interval