



December 17, 1984

*received 1/25/84
LFF*

Procedure #18

Procedure For Entry Into New Cell
And Labyrinth Area

In order to verify condition of safety systems and water level in the new Source Storage pool system it may become necessary for operational personnel to enter the labyrinth and cell area. This area is currently being used for the storage of waste drums, some of which have dose rates of 900 mr/hr on contact. The general area reading in the labyrinth area is 100-200 mr/hr as indicated by the labyrinth monitor (Ludlum unit 300). Entry into either the labyrinth or cell area shall be permitted by the following procedure for entering these High Radiation Areas:

- 1.) Only licensed operational personnel shall enter the labyrinth or cell areas.
- 2.) The individual to perform the entry shall be equipped in the following manner:
 - a.) Whole body film badge
 - b.) Xetex 415A personnel dosimeter
 - c.) Eberline 130 survey meter with audible alarm
- 3.) Key access to operate the cell entry door shall be initiated at the console and opened to its full travel path.
- 4.) The check of the water level or safety systems (such as flasher bulbs) shall be performed as quickly as possible minimizing any time near the cell area or Source Storage pool area.
- 5.) Upon Exiting the entry individual shall immediately operate by key access the Door Power control switch to close the cell entry door.
- 6.) In the Operational Log Book the individual shall document his entry by time of day, approximate duration in minutes, reason for entry, and cumulative exposure from Xetex personnel dosimeter.

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