



December 20, 1983

Procedure #16
Procedure for Placing Roof Sections on the Old
Cell Area Enclosure

Purpose of this procedure is to enable INI to complete the wood & plastic enclosure for the old cell area. We plan to put the roof sections on the cell area in the static state rather than utilizing the ventilation system. We deduced that if we used the ventilation system, air current conditions would cause additional airborne contamination than leaving the area in the static state. The following procedure will lay out the steps we plan to implement:

1. The employees performing the operation will be totally suited up & wear respirators according to our respiratory program. Employees will wear film badges & personnel monitors. Air samplers will be employed at all times. This encompasses all safety items pertaining to radiation protection to be employed during the operation.

2. The temporary curtain now enclosing the old cell area will be detached from the roof of the building and draped over the old cell area. This enables the old cell area to stay enclosed while roof sections are put in place.

3. A prefabbed roof section (7'X22') will be raised with assistance from the in plant fork lift at the North wall of the enclosure walls. Once atop the enclosure the roof sections will be walked to the South end of the enclosure via atop of the old cell. Once, at the South end of the enclosure the sections will be nailed into place on top of the walls of the enclosure. A stringer will be attached to the center of the roof section to the roof of the building utilizing a 2'X4', this is to add support to the roof sections midway point. This step will be carried out an additional Four times until the roof of the enclosure is completed.

4. Plastic & firring strips will be utilized at the seams of the roof sections to ensure air tightness.

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