

INTERNATIONAL NUTRONICS, INC.



May 8, 1984

Procedure # 37
Cell and Pool Area Decontamination

As a precursor to cask operations and personnel tasks to be performed in the Cell and Pool Area a decontamination campaign shall be initiated to reduce cask contamination and limit radiological hazards to individuals working in the area. The following procedure shall apply.

- I. Personnel shall be equipped as in Procedure # 23 with the exception of the following;
 - A. A triple layer of latex gloves to prevent hand contamination during cleansing operation.
 - B. Equipment used in Procedure # 34 to raise and lower Pool Cover Plate.
 - C. Swaco S-90 cleaning solution in spray bottles, plastic bags, paper toweling, and scrub brushes.
- II. To facilitate future operations in the pool area the Pool Cover Plate will be moved to a storage location located on the West wall of the Labyrinth.
 - A. With the Pool Cover Plate in a raised position by aid of the Maasdam Power winch, personnel will move it to the location indicated on the attached diagram. Raising and lowering the Plate has been an unnecessary stress on the angle rim of the Pool Tank, and thus will be eliminated.
 - B. Personnel will then place three 6' x 2" x 8" planks over the pool to enable better footing. If operations are initiated over the Pool area these planks will be removed and the Pool Cover Plate replaced to prevent Materials from falling into the Pool. In an unattended condition the Pool area shall be roped off to prevent individuals from subsequently entering the area and unknowingly walking into the area and possibly falling into the Pool.
 - C. The Pool Cover Plate will be covered by plastic at its storage location.
- III. With the completion of items I. and II. personnel may begin decontamination of floor and wall areas. Smears will be taken prior to commencing operations.
 - A. The cleaning solution will be sprayed onto surfaces and agitated by brush to loosen and foam contamination in the form of dirt particles. The area will then be wiped dry with clean paper toweling.

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- B. All paper toweling will be disposed of in waste drums positioned inside the Enclosure. Plastic bags may be used to temporarily store the toweling material.
- C. Individuals performing the operation will check radiation readings frequently on gloves. If contaminated above 3 mr/hr on contact they will be removed and placed in a waste drum, and a new pair of gloves shall be donned.
- D. At the completion of the operation smears will again be taken and surface contamination assessed. The above procedures may be repeated as necessary to reduce contamination in the area as low as possible.

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