



**EXPLANATION**

- (1) TOP OF EXISTING REACTOR BUILDING MAT
- (2) ADDITIONAL FILL CONCRETE LIFT.
- (3) DRAINAGE CHANNELS FORMED ABOVE FIRST LIFT OF FILL CONCRETE (7'-6" THICK MAX.) AND WITH >2 FT EXISTING FILL CONCRETE ABOVE THEM WILL REMAIN ENCASED IN EXISTING FILL CONCRETE.
- (4) USE NEW FILL CONCRETE, MINIMUM 2 FOOT THICK, TO PLUG ALL FOUNDATION MAT DRAINAGE CHANNELS AND PIPES AROUND PERIMETER OF EXISTING REACTOR BUILDING MAT FOR FORMER UNIT 1 IF ENCOUNTERED.
- (5) CUT EXISTING MAT AND FILL CONCRETE AT LEAST 2 FT. INTO FILL CONCRETE.
- (6) EXISTING MAT TO BE REMOVED OUTSIDE REACTOR BUILDING AND BELOW NUCLEAR ISLAND.
- (7) EXISTING ISOLATION JOINT TO BE REMOVED.
- (8) EXISTING REACTOR BUILDING WALL TO BE REMOVED.

**DETAIL 2**

DETAIL NOT DRAWN TO SCALE

REFERENCE: PSAR FIGURE 2.4.13-1 "TYPICAL DETAIL FOR DRAIN HOLES" AND PLAN.

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

Cherokee Nuclear Station  
Foundation Drainage and Lee Nuclear  
Station Nuclear Island-Detail 2

FIGURE 2.5.4-244c

Rev 0