



EXPLANATION

- (1) TOP OF CNS REACTOR BUILDING MAT OR CNS AUXILIARY BUILDING MAT.
- (2) CNS FILL CONCRETE ABOVE CNS CHANNEL DRAIN.
- (3) CNS DRAINAGE CHANNELS FORMED WITHIN EXISTING FILL CONCRETE WITH >2 FT EXISTING FILL CONCRETE ABOVE THEM REMAIN ENCASED IN CNS FILL CONCRETE.
- (4) NEW FILL CONCRETE, MINIMUM 2 FT THICK, OR CNS FILL CONCRETE PLUGS ALL FOUNDATION MAT DRAINAGE CHANNELS AND PIPES AROUND PERIMETER OF CNS BUILDING MAT IF ENCOUNTERED.
- (5) CNS AUXILIARY BUILDING MAT REMOVED UNDER NEW NUCLEAR ISLAND SUPPORT ZONE.
- (6) CNS ISOLATION JOINT REMOVED.
- (7) CNS FILL CONCRETE BELOW CNS DRAIN CHANNELS.

**DETAIL 2**

DETAIL NOT DRAWN TO SCALE

NOTES:

- TOM = TOP OF MAT ELEVATION
- BOM = BOTTOM OF MAT ELEVATION
- CNS = CHEROKEE NUCLEAR STATION

REFERENCE: CNS 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 1