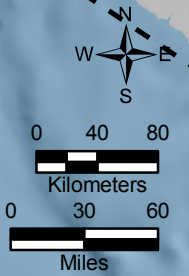


LEGEND

- ★ LNP Site
- 320-km (200-mi.) Radius from Site
- A-A' Profile (see Figure 2.5.1-213)
- Drill Holes Not Penetrating Basement**
- ⊙ Deep See Drilling
- ✱ Lower Cretaceous carbonate rocks
- ⊕ Upper Jurassic anhydrite – carbonate rocks overlaying basal – clastics (Wood River formation)
- ⊕ Wood River formation underlain by Jurassic salt
- Drill Holes Penetrating Basement**
- ▲ Jurassic volcanics and volcanoclastics
- ▲ Jurassic volcanics overlain by Wood River formation
- ▣ Paleozoic (?) rhyolites and felsic volcanics
- ▣ Paleozoic (?) rhyolites and overlain by marine clastics
- Paleozoic diorites and mafic plutonic
- ⊙ Paleozoic granites
- × Paleozoic marine clastics
- ⊗ Paleozoic marine clastics overlain by Eagle Mills formation or intruded with diabase dikes and sills
- ▲ Triassic red beds-clastics (Eagle Mill formation) and diabase dikes or sills

Source: Klitgord et al. (1984); Base Map: ETOPO2V2 (2006), and SRTM (2005)



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**Levy Nuclear Plant
 Units 1 and 2**
Part 2, Final Safety Analysis Report

Pre-Cretaceous Surface and
 Types of Basement Terrane

Figure 2.5.1-212