SECTION 2
PARCEL IDENTIFICATION

The U.S. Navy intends to convey the bulk of its electrical utility facilities to the GPA in accordance with the terms under the CSA, presented in Appendix A. The Navy owns the land on which the subject power plant sites and substation sites are located and maintains an easement of the property containing the subject transmission, distribution, and pipeline sites. The Navy intends to transfer the land and the majority of the operations on these sites with exceptions noted in Appendix A. In addition, the Navy intends to transfer the easement rights of the transmission, distribution, and pipeline sites. However, for a subset of the lines as noted in Appendix A, the Navy intends to retain ownership of specific line (e.g., equipment) segments and associated usage rights. The CSA indicates which equipment or land for which ownership or lease will be transferred; however, maps indicating the portions of these sites or locations of the equipment are not included in the CSA. The CSA indicates that these maps will be prepared at a later date.

Therefore, at the direction of PACNAVFACENGCOM, this EBS presents information and recommendations for each of the sites in their entirety (i.e., fence-to-fence or 25 feet on either side of the lines and pipeline). This section includes a description of each of the subject facilities identified in the CSA. Figures depicting the location of each of these facilities are also included in this section.

2.1 Site Location

The subject U.S. Navy electrical utility facilities are predominantly located in the western and northern portions of the island of Guam. A description of the site locations is presented below. A figure depicting the general site locations is presented as Figure 2-1. More detailed maps depicting site features are presented in Section_5.

2.1.1 Power Plants

The power plant sites are identified as the Piti Plant site, Orote, Tanguisson, and Marbo Power Plants. The Piti and Orote Power Plant sites are located near Apra Harbor, which is located along the southwestern side of the island. The Piti Power Plant is situated adjacent to the east of Piti Channel, south of Route 11 and Piti Bay, and west of Route 1.

The Orote Power Plant is situated on Naval Activities Guam (NAVACTS), formerly NAVSTA, approximately 1,500 feet west of the Inner Apra Harbor and east of Sumay Drive. The approximate elevation of the Piti and Orote Power Plant sites is 20_feet above mean sea level (msl), as indicated on the United States Geological Survey (USGS) topographic map of Guam, Mariana Islands (USGS 1978).

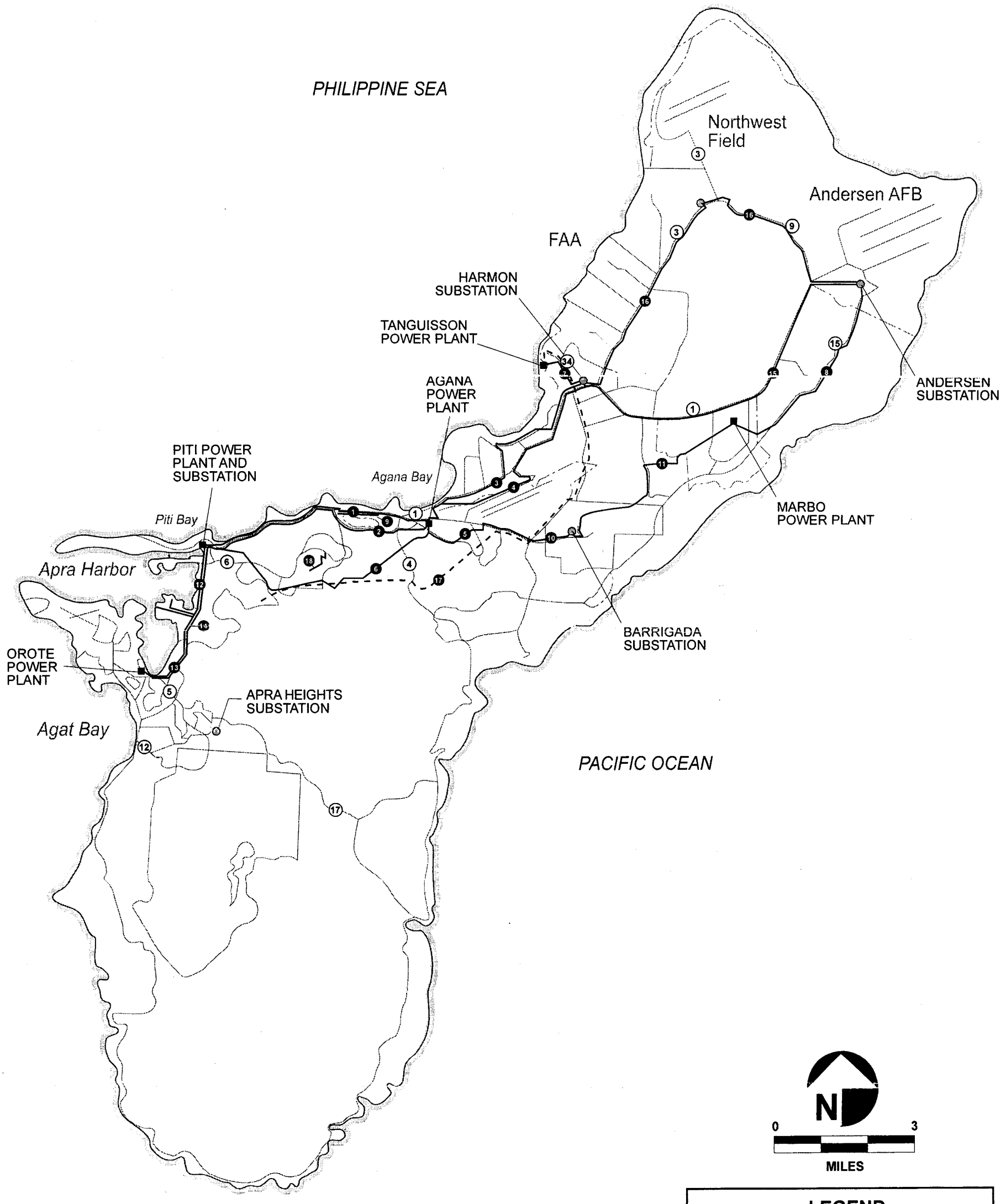
The Tanguisson Power Plant site is located along the northwestern side of the island, adjacent to the Philippine Sea between Amantes Point and Tanguisson Point. It is situated at an elevation between 20 to 40 feet msl (USGS 1978).

The Marbo Power Plant site is located in the northeastern portion of the island, within the boundaries of the Marbo Annex of AAFB. This power plant site is situated approximately 0.5 miles south of Marine Drive and approximately 2_miles west of the Pacific Ocean. The approximate elevation of the Marbo Power Plant site is 360 feet above msl (USGS 1978).

2.1.2 Substations

The subject substations are identified as the Piti, Apra Heights, Barrigada, Harmon, and Andersen Substations. The Piti Substation is situated east of the Piti Power Plant and north of the Piti Power Plant Administration Area. The approximate elevation of the Piti Substation site is 20 feet above msl (USGS 1978).

The Apra Heights Substation site is located in the southwestern portion of the island and within the boundaries of NAVACTS. This substation site is situated west of Magazine Road (Route 5) and south of Govguam Cross Island Road (Route 17) approximately 1.5_miles east of Agat Bay. The approximate elevation of the Apra Heights Substation site is between 525 and 540 feet above msl (PWC Guam 1974).



Project Location Map
EBS - Various U.S. Navy Electrical Utility Facilities, Guam

FIGURE
2-1

The Barrigada Substation is located in the central portion of the island and is centrally located within the boundaries of the Naval Computer Telecommunication Area Master Station (NCTAMS) Barrigada. This substation site is situated approximately 1.5 miles northwest of the Pacific Ocean and approximately 3 miles southeast of the Philippine Sea. The approximate elevation of the Barrigada Substation site is 290 feet above msl (USGS 1978).

The Harmon Substation is located in the northern portion of the island, and is situated adjacent and to the north of Marine Drive and to the east of Route 34, approximately 1.5_miles east of the Philippine Sea. The approximate elevation of the Harmon Substation site is 280_feet msl (USGS 1978).

The Andersen Substation is located in the northern portion of the island and within the boundaries of AAFB. This substation site is situated west of Marianas Boulevard and east of Madison Avenue, approximately 1.5 miles west of the Pacific Ocean. The approximate elevation of the Andersen Substation site is 520 feet above msl (PWC Guam 1963f).

2.1.3 Transmission and Distribution Line Sites

The transmission and distribution lines are reported here as identified in the updated September 1, 1994, CSA Conveyance Data Report (PACNAVFACENGCOM 1994c, d), and through conversations with Mr. Larry Rhoden of PWC Guam on December 2, 1994 (Rhoden and Ada 1994d), and documented by PACNAVFACENGCOM in the January 5, 1995, Direction Letter No._1 (PACNAVFACENGCOM 1994d) as Items 1 through 16, 18, and 19. The approximate locations of each line segment are identified by item number on Figure_2-1. These locations are described as follows:

Item 1 The 34.5 kilovolt (kV) powerline "DL" from Breaker X24 located at the Piti Power Plant to Breaker X40 located at the Agana Power Plant.

Item 2 The 34.5 kV powerline "DD" from Breaker X23 located at the Piti Power Plant to Breaker X43 located at the Agana Power Plant.

Item 3 The 34.5 kV powerline "DG" from Breaker X42 located at the Agana Power Plant to Breaker X80 located at the Harmon Substation.

Item 4 The 34.5 kV powerline "DM" from Breaker X41 located at the Agana Power Plant to Breaker X81 located at the Harmon Substation.

Item 5 The 34.5 kV powerline "DF" from Breaker X45 located at the Agana Power Plant to Switch 34-12 located at Gate No. 4 of the U.S. Naval Air Station (NAS) Agana.

Item 6 The 34.5 kV powerline easement that is being used by GPA for the 115 kV line located from the Piti Substation to the Agana Power Plant.

Item 7 The 34.5 kV underground powerline located from the Harmon Substation to the Tanguisson Power Plant. The Underground power lines are now abandoned in place. There is (2) two

overhead 34.5 KV Power lines present now. The (2) two overhead 34.5 KV lines are located within the same easement portion as the abandoned underground lines.

Item 8 The 34.5 kV powerline "DJ" from the Marbo Power Plant to the Switch 34-28 where it splits. One line terminates at Transformer T-48 located in an Air Force housing area on AAFB, and the other line terminates on Breaker X71 of the AAFB Substation.

Item 9 The part of the P7 circuit not underbuilt on the 34.5 kV lines, located along Route_1 between the intersections with Routes 6 and 4. Most of the P7 circuit is underbuilt on line "DD" (Breaker X23 to Breaker X43) and line "DL" (Breaker X24 to Breaker X40).

Item 10 The 34.5 kV powerline from Switch 34-12 located at Gate No. 4 of NAS Agana to Breaker X55 located at the Radio Barrigada (Barrigada) Substation.

Item 11 The 34.5 kV powerline "DF" from Breaker X56 located at the Barrigada Substation to Breaker X65 located at the Marbo Substation.

Item 12 The 34.5 kV powerline "DK" from Breaker X20 located at the Piti Substation to Breaker X202 located at the Polaris Point Substation.

Item 13 The 34.5 kV powerline "DK" from Breaker X201 located at the Polaris Point Substation to Breaker X35 located at the Orote Power Plant.

Item 14 The 34.5 kV powerline "DA" from Breaker X31 located at the Orote Power Plant to Breaker X21 located at the Piti Substation.

Item 15 The 34.5 kV powerline "DB" from Breaker X70 located at the Andersen Substation to Breaker X82 located at the Harmon Substation.

Item 16 The 34.5 kV powerline "DS" from Breaker X87 located at the Harmon Substation to Breaker X73 located at the Andersen Substation.

Item 18 The 13.8 kV powerline on Nimitz Hill from Route 6 to Mt. Alutom.

Item 19 The 13.8 kV powerline from utility pole adjacent to the water tower near the South Finegayan housing to Breaker X94 and Transformer T44 located at the Harmon Substation.

2.1.4 Pipeline

The pipeline is identified in the updated September 1, 1994, CSA Conveyance Data Report as Item 17. The approximate location of the pipeline is depicted as Item 17 on Figure 2-1. The pipeline transports RFO No. 6 and is located from FISC's fuel farm near Route 17 to the Tanguisson Power Plant (Rhoden 1995d).