



L-2012-011  
10 CFR 52.3

January 18, 2012

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

Re: Florida Power & Light Company  
Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
Response to NRC Request for Additional Information Letter No. 046 (eRAI 6077)  
Standard Review Plan Section 02.01.03 - Population Distribution

Reference:

1. NRC Letter to FPL dated December 19, 2011, Request for Additional Information Letter No.046 Related to SRP Section 02.01.03 Population Distribution for the Turkey Point Nuclear Plant Units 6 and 7 Combined License Application

Florida Power & Light Company (FPL) provides, as an attachment to this letter, its response to the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) 02.01.03-1 provided in the referenced letter. The attachment identifies changes that will be made in a future revision of the Turkey Point Units 6 and 7 Combined License Application (if applicable).

If you have any questions, or need additional information, please contact me at 561-691-7490.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on January 18, 2012

Sincerely,

A handwritten signature in blue ink, appearing to read "William Maher", written over a horizontal line.

William Maher  
Senior Licensing Director – New Nuclear Projects

WDM/RFB

Attachment: FPL Response to NRC RAI No. 02.01.03-1 (eRAI 6077)

cc:

PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO  
Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4

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NRD

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
FPL Response to NRC RAI No. 02.01.03-1 (eRAI 6077)  
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**NRC RAI Letter No. PTN-RAI-LTR-046**

**SRP Section: 02.01.03 - Population Distribution**

Question from Siting and Accident Consequence Branch (RSAC)

**NRC RAI Number: 02.01.03-1 (eRAI 6077)**

Pursuant to 10 CFR 52.79(a)(1)(v), a final safety analysis report (FSAR) shall include the existing and projected future population profile of the area surrounding the site. Sections 2.1.3.1, 2.1.3.3.1 and 2.1.3.4 state that the population maps in Figures 2.1-107 through 2.1-215b include both resident and transient population distributions. However, only Figure 2.1-209 is labeled "10-Mile 2020 Resident and Transient Population Distribution." All other figures in this series are labeled "10-Mile 20[ ]0 Population Distribution." Clarify the titles of figures showing 10-mile population data in Section 2.1.3 of the FSAR

**FPL RESPONSE:**

Figures 2.1-207 through 2.1-215b (excluding Figure 2.1-209) will be renamed to indicate the inclusion of both resident and transient populations.

This response is PLANT SPECIFIC.

**References:**

None

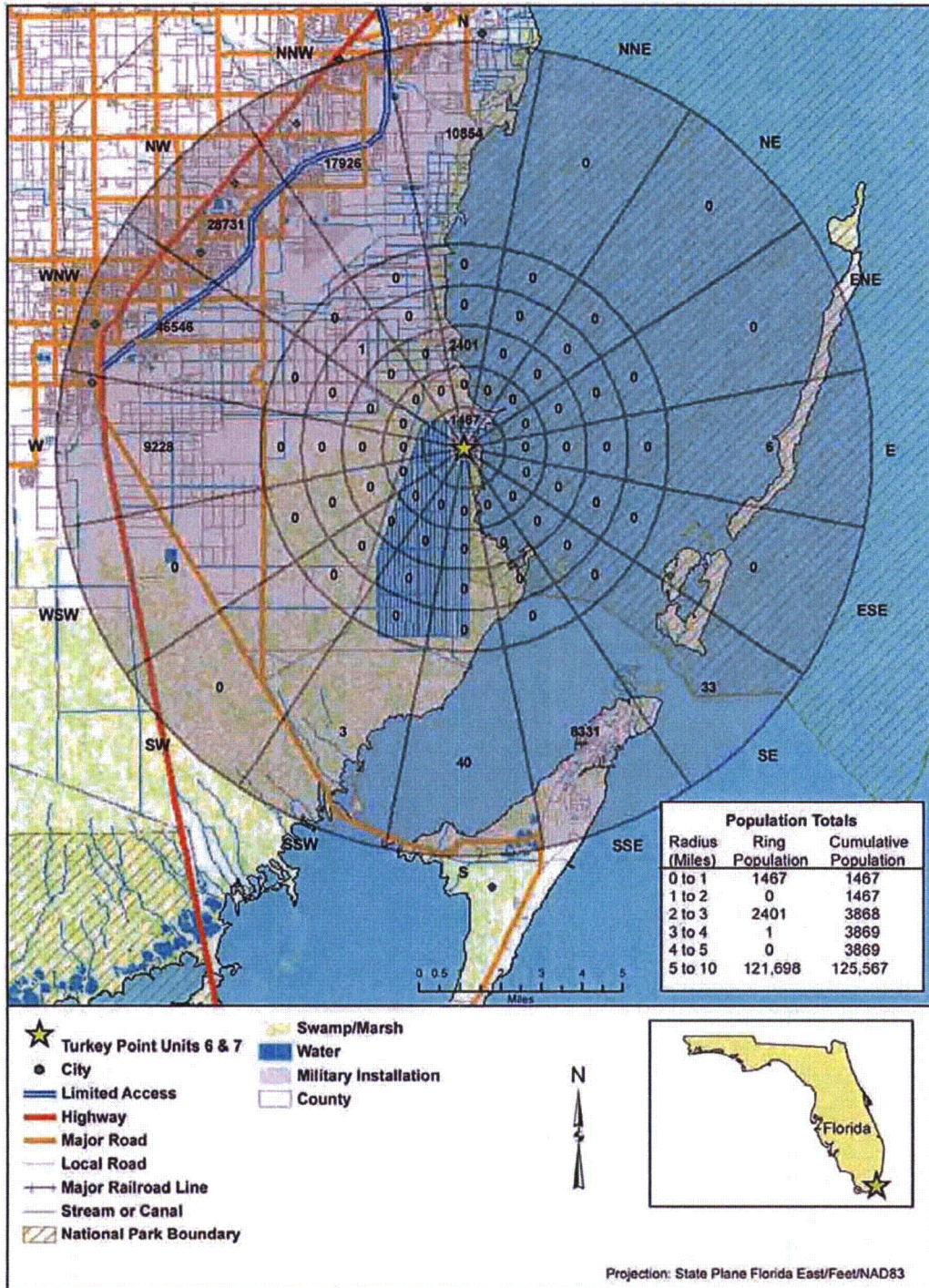
**ASSOCIATED COLA REVISIONS:**

Figures 2.1-207, 2.1-208 and Figures 2.1-210 through 2.1-215b will be revised as follows in a future revision to the COLA.



Figure 2.1-207 10-Mile 2000 Resident and Transient Population Distribution

PTN COL 2.1-1





**Figure 2.1-208 10-Mile 2010 Resident and Transient Population Distribution**

PTN COL 2.1-1

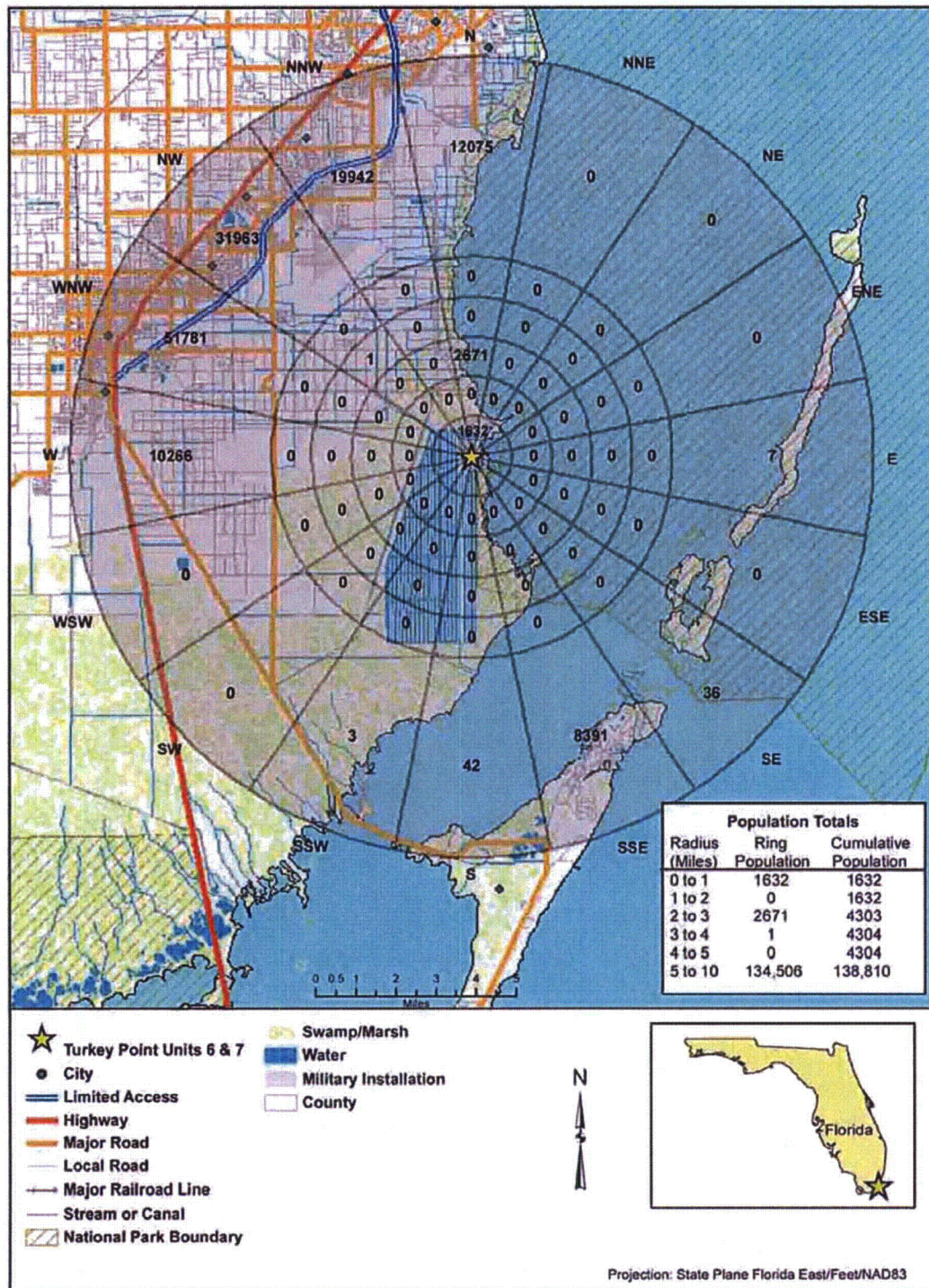




Figure 2.1-210 10-Mile 2030 Resident and Transient Population Distribution

PTN COL 2.1-1

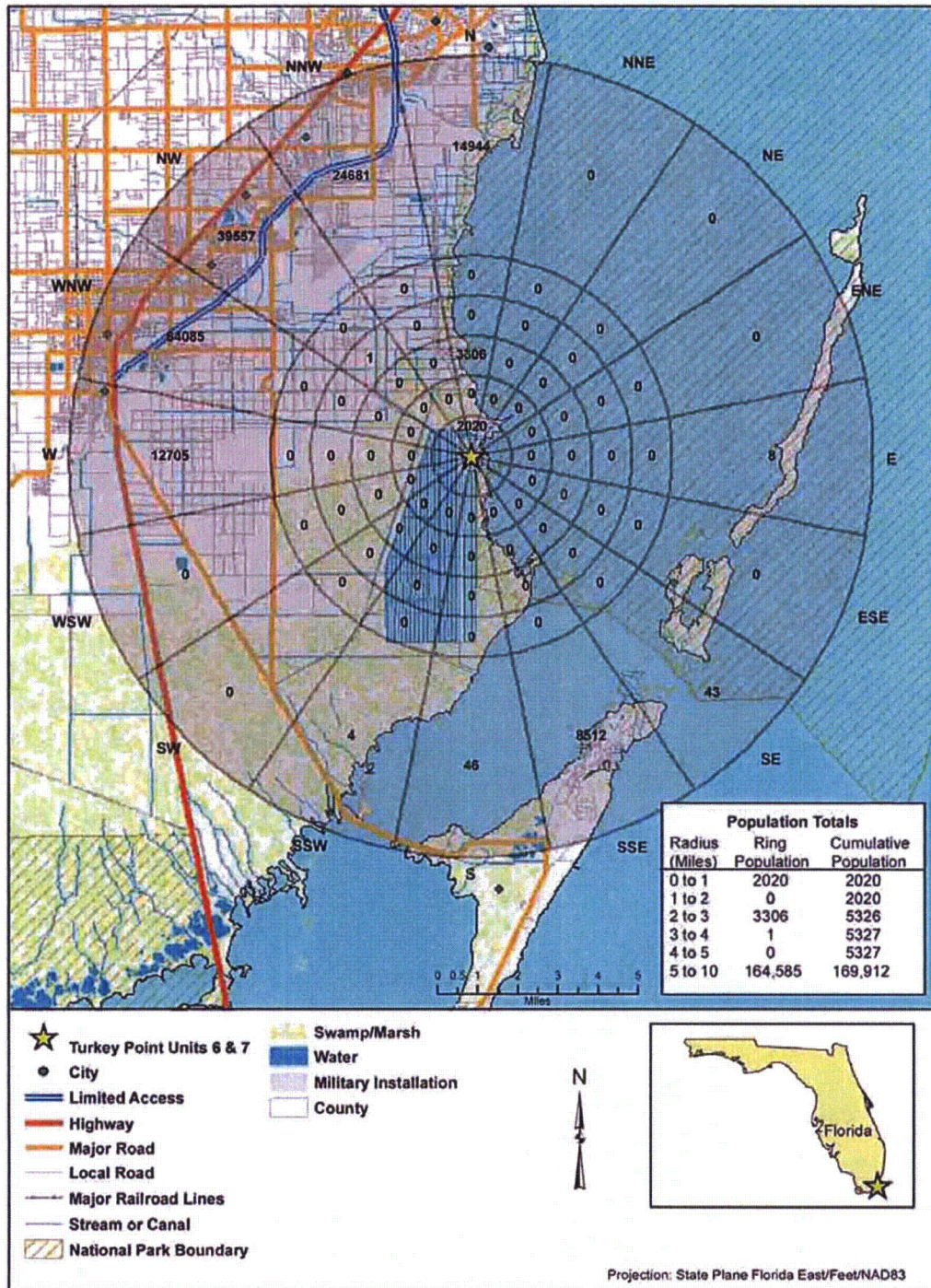




Figure 2.1-211 10-Mile 2040 Resident and Transient Population Distribution

PTN COL 2.1-1

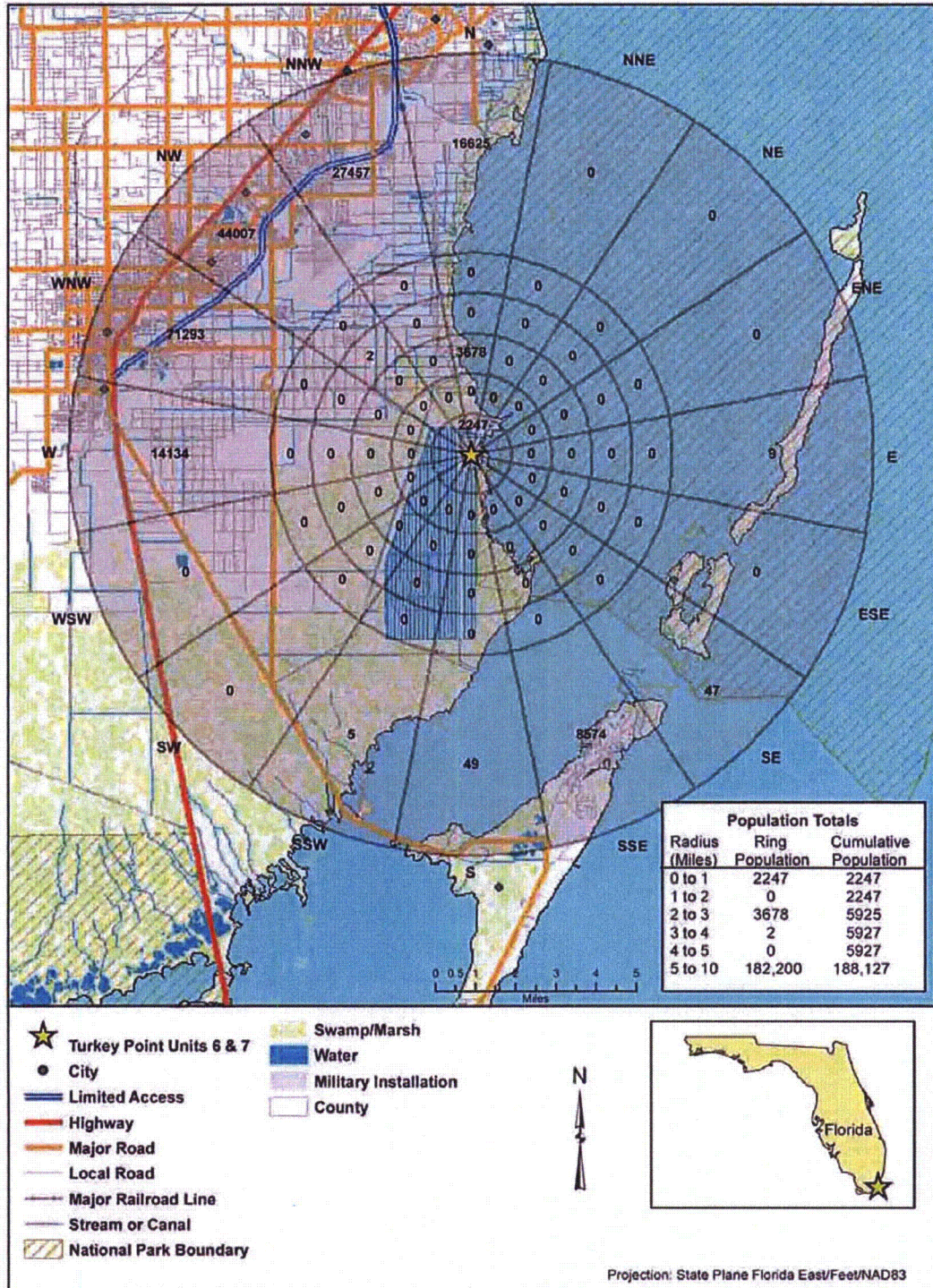




Figure 2.1-212 10-Mile 2050 Resident and Transient Population Distribution

PTN COL 2.1-1

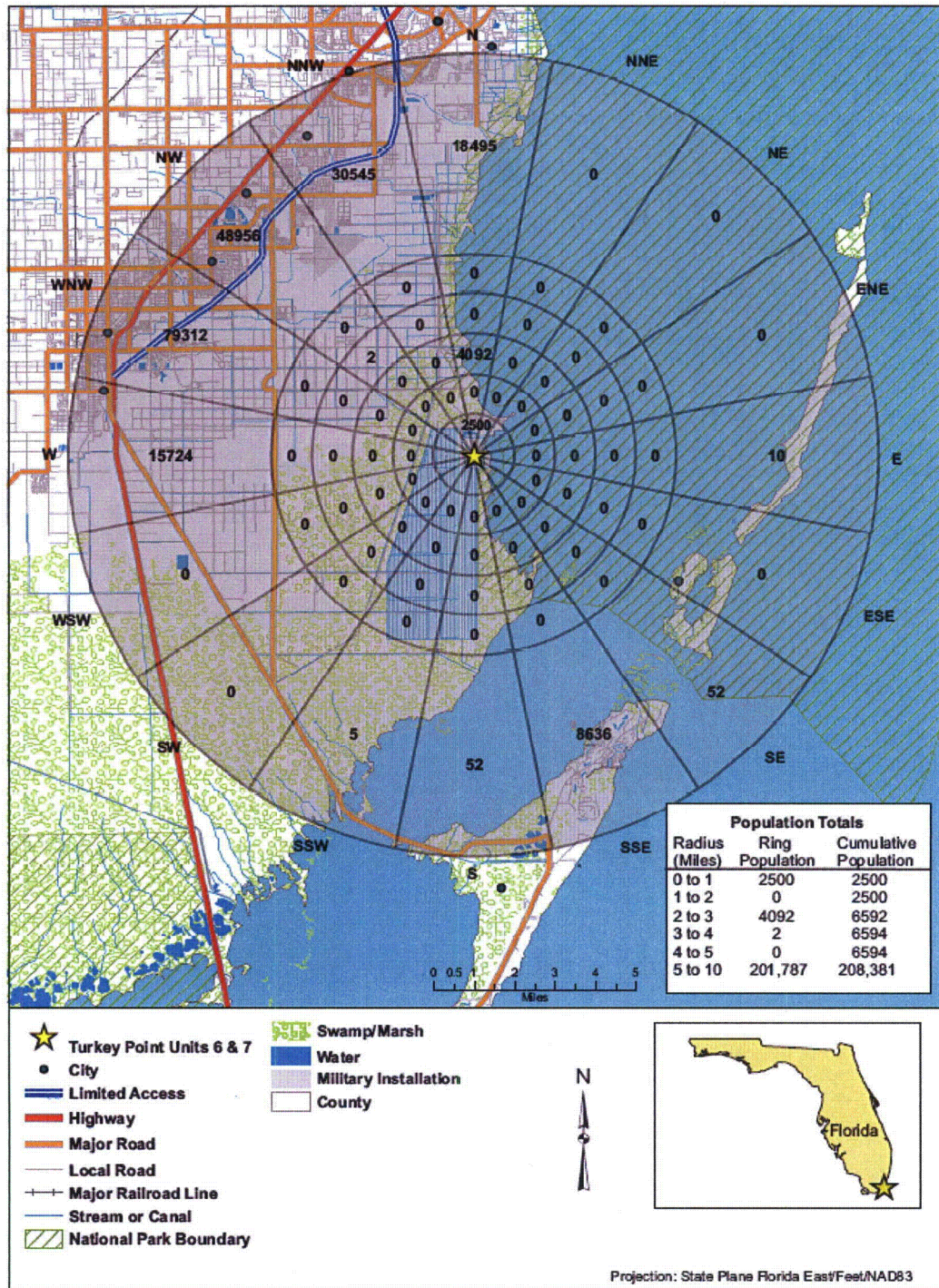




Figure 2.1-213 10-Mile 2060 Resident and Transient Population Distribution

PTN COL 2.1-1

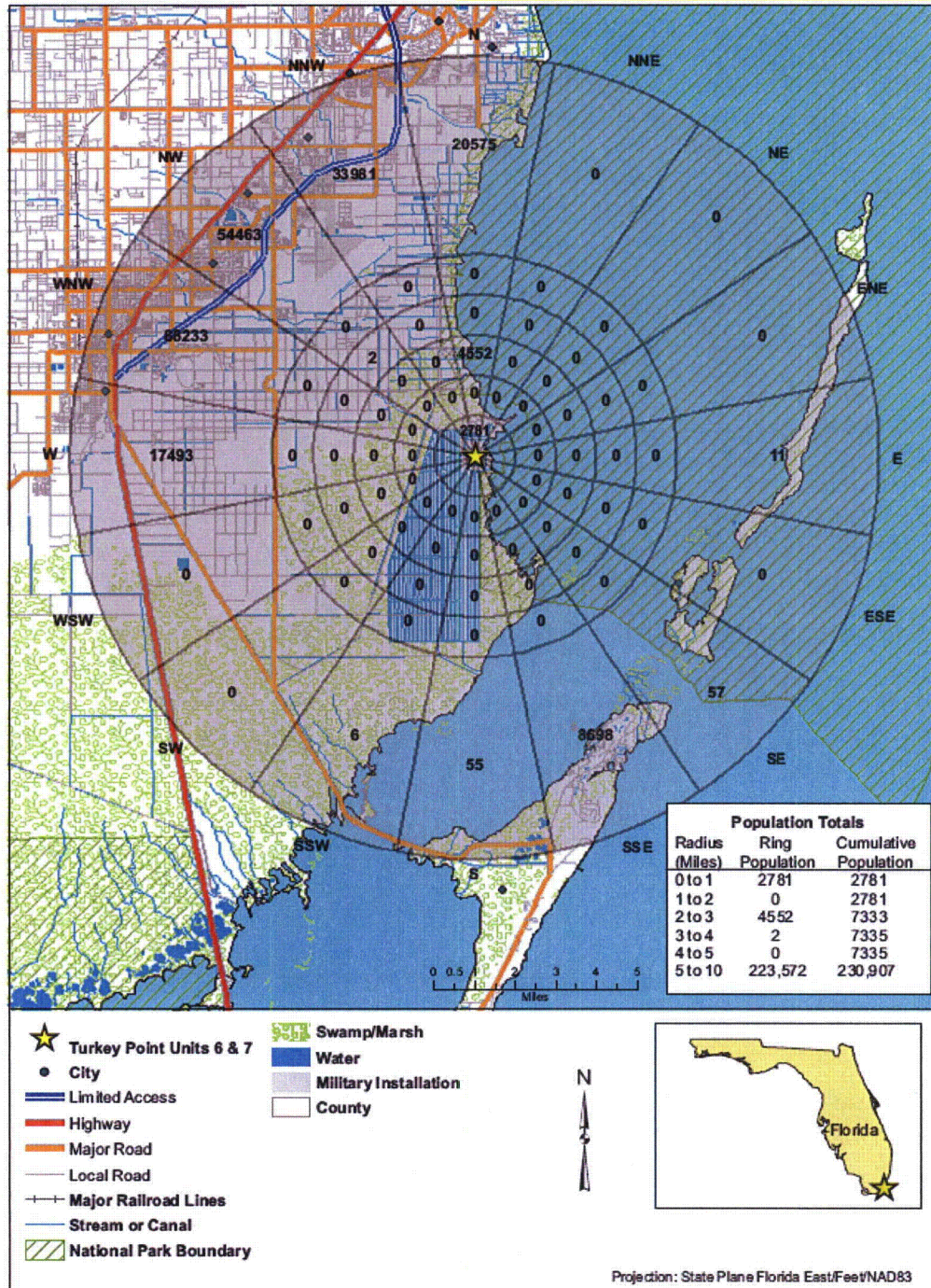




Figure 2.1-214 10-Mile 2070 Resident and Transient Population Distribution

PTN COL 2.1-1

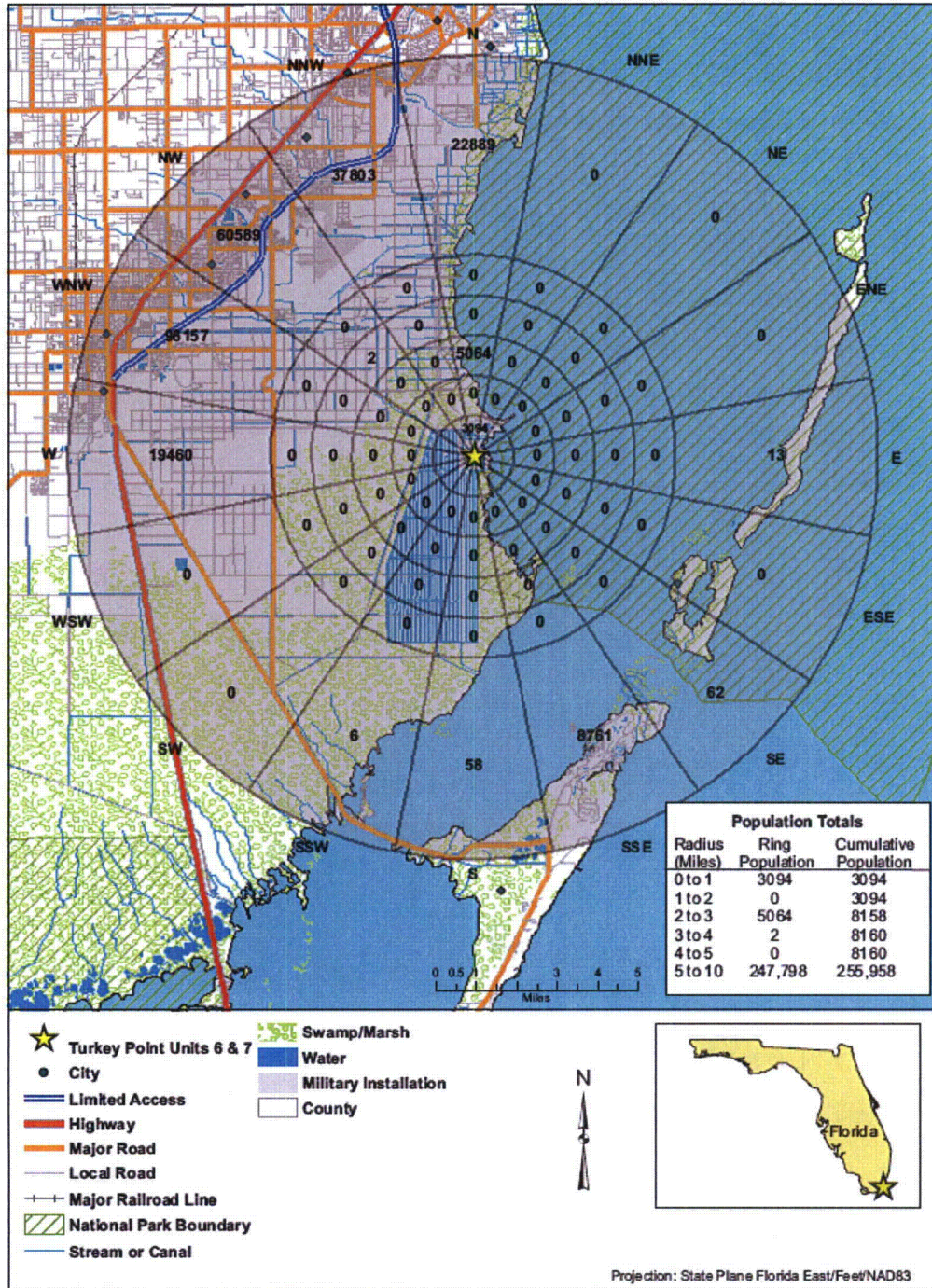




Figure 2.1-215a 10-Mile 2080 Resident and Transient Population Distribution

PTN COL 2.1-1

