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10 CFR 50.4  
10 CFR 52.79

July 31, 2009

UN#09-335

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016  
Calvert Cliffs Nuclear Power Plant, Unit 3  
Follow-up Response to Request for Additional Information No. 1001

Reference: 1) UniStar Nuclear Energy Letter UN#09-140, from Greg Gibson Document Control Desk, U.S. NRC, Environmental RAIs No. 1001 through 1011, dated March 5, 2009.  
2) UniStar Nuclear Energy Letter UN#09-319, from Greg Gibson to Document Control Desk, U.S. NRC, Follow-up Response to Environmental Report RAI 1011, dated July 17, 2009.

The response submitted for Request for Additional Information (RAI) No. 1001 (Reference 1) included several figures for which the NRC has requested clarification changes. Enhancements were requested for Figure RAI 1001-1 (Figure 2.2-1), Figure RAI 1001-16 (Figures 2.1-1 and 2.2-1), Figure RAI 1001-17 (Figures 2-1 and 2-2), Figure RAI 1001-18 (Thiokol Site Location figure), Figure RAI 1001-20 (Figure 2.2-9), Figure RAI 1001-21 (Figure 2.3-1), Figure RAI 1001-25 (Figure 2.5-1), Figure RAI 1001-27 (Figure 2.5-7) and Figure RAI 1001-28 (Figure 2.5-8).

Figure RAI 1001-16 (Figures 2.1-1 and 2.2-1) and Figure RAI 1001-17 (Figures 2-1 and 2-2) are associated with the alternative sites discussion in Environmental Report Section 9.3, Alternative Sites. A supplement to this section was submitted in UniStar Nuclear Energy letter UN#09-319 (Reference 2). These figures showed alternate site locations which are no longer in the region of interest. Consequently, those figures are no longer applicable to the Calvert Cliffs Nuclear Power Plant Unit 3 Environmental Report. This letter transmits the remaining figures. Hard

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copies of the figures are included in Enclosure 1. Enclosure 2 is a compact disc containing electronic versions of the figures.

This letter does not include any new regulatory commitments and does not impact COLA content.

If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Dimitri Lutchenkov at (410) 470-5524.

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

Executed on July 31, 2009

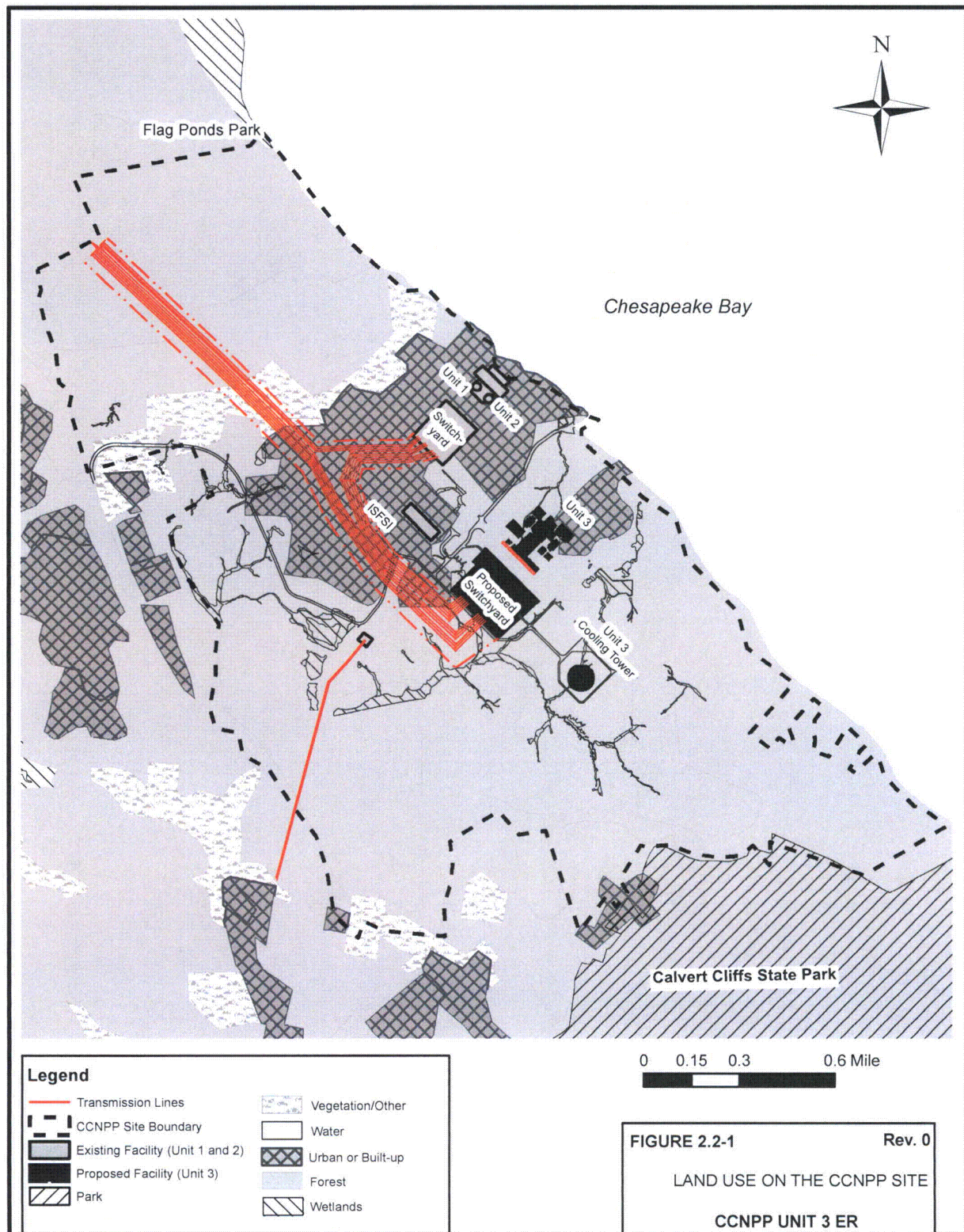
A handwritten signature in black ink, appearing to read 'Greg Gibson', with a stylized flourish at the end.

Greg Gibson

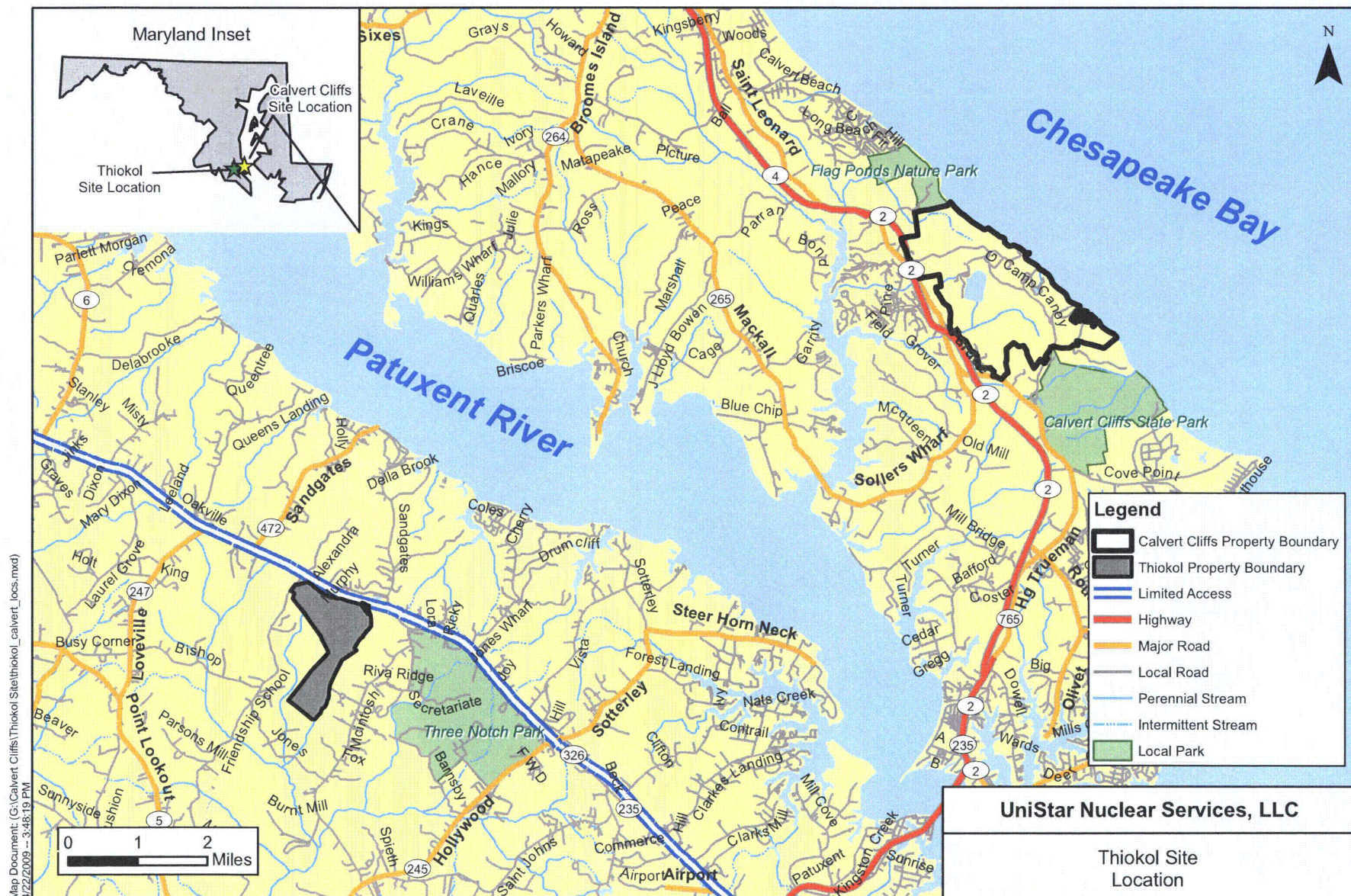
- Enclosures – 1) RAI 1001 Selected Revised Figures, Calvert Cliffs Nuclear Power Plant Unit 3, Calvert County, Maryland (Hard Copies)  
2) RAI 1001 Selected Revised Figures, Calvert Cliffs Nuclear Power Plant Unit 3, Calvert County, Maryland (Compact Disc)

cc: John Rycyna, NRC Project Manager, U.S. EPR COL Application  
Laura Quinn, NRC Environmental Project Manager, U.S. EPR COL Application  
Getachew Tesfaye, NRC Project Manager, U.S. EPR DC Application (w/o enclosure)  
Loren Plisco, Deputy Regional Administrator, NRC Region II (w/o enclosure)  
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2  
U.S. NRC Region I Office

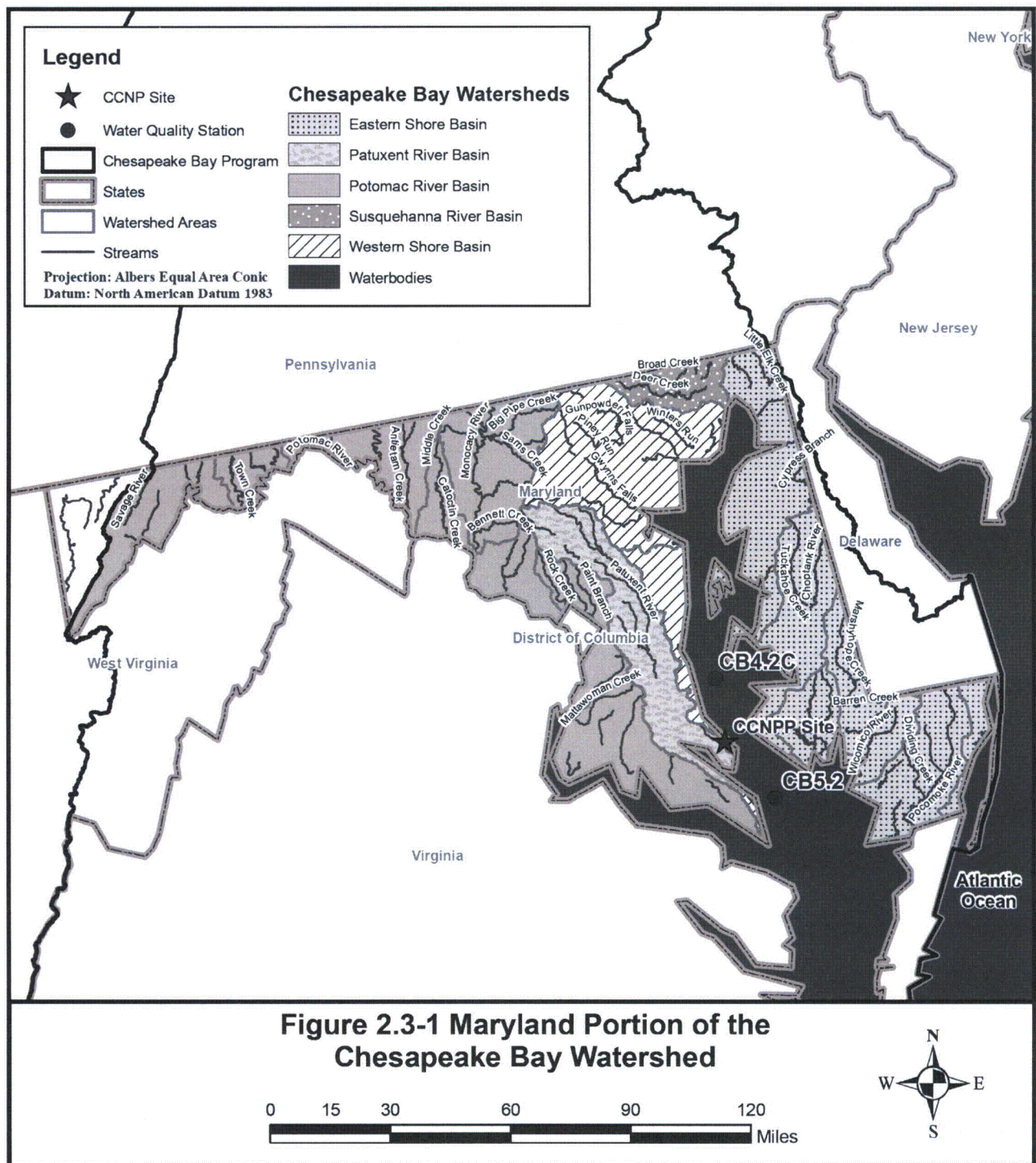
**Enclosure 1**  
**RAI 1001 Selected Revised Figures**  
**Calvert Cliffs Nuclear Power Plant Unit 3**  
**Calvert County, Maryland**  
**(Hard Copies)**



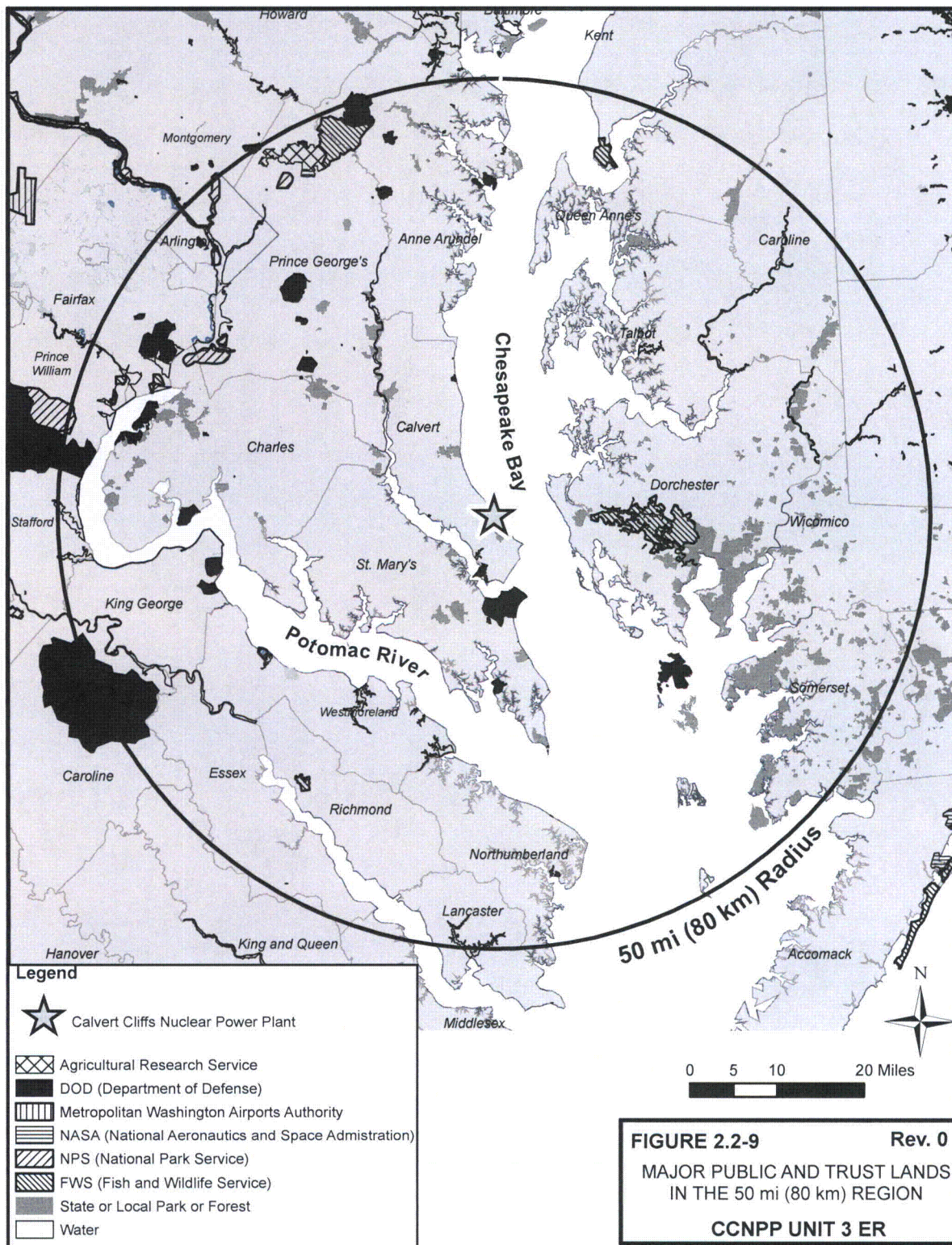




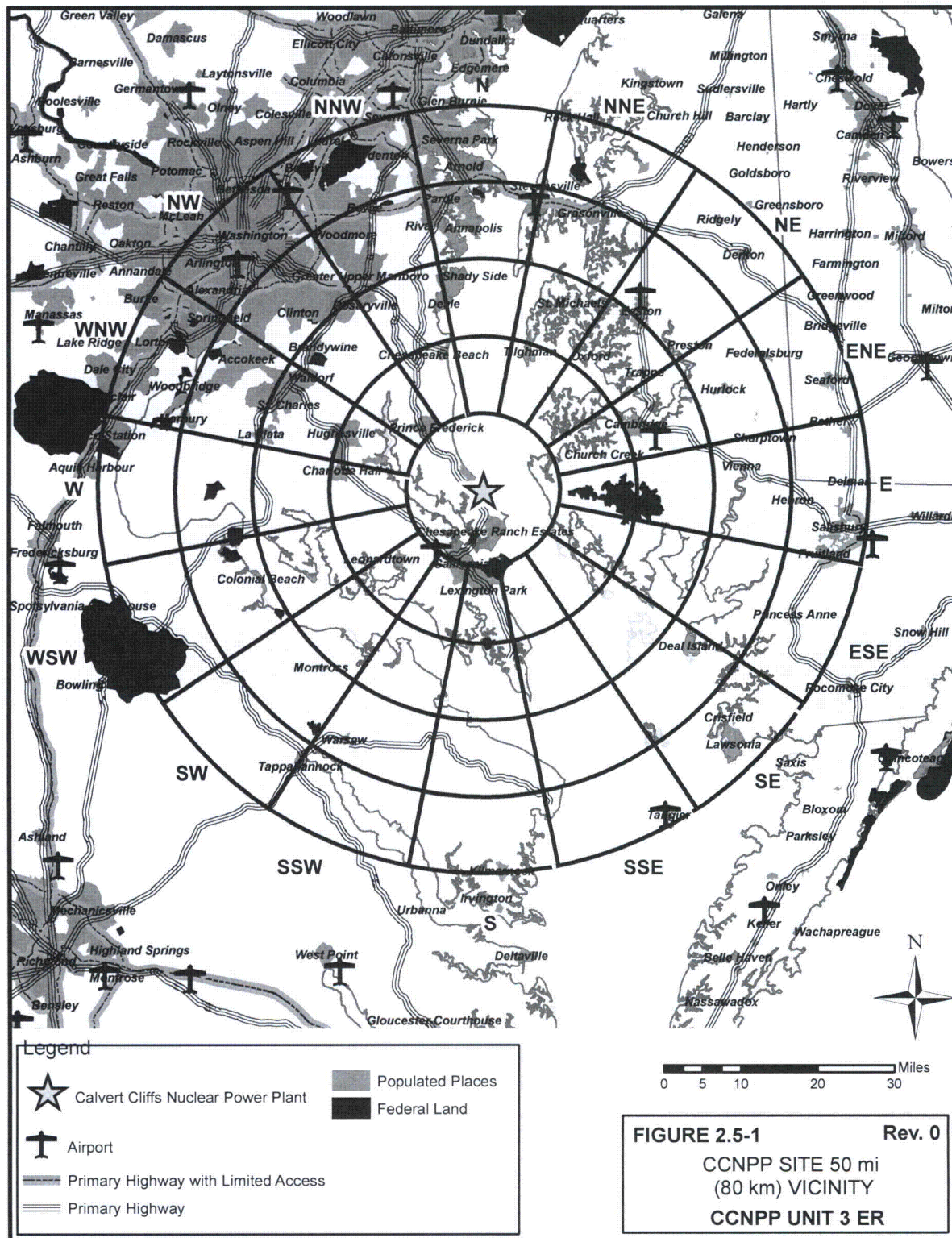




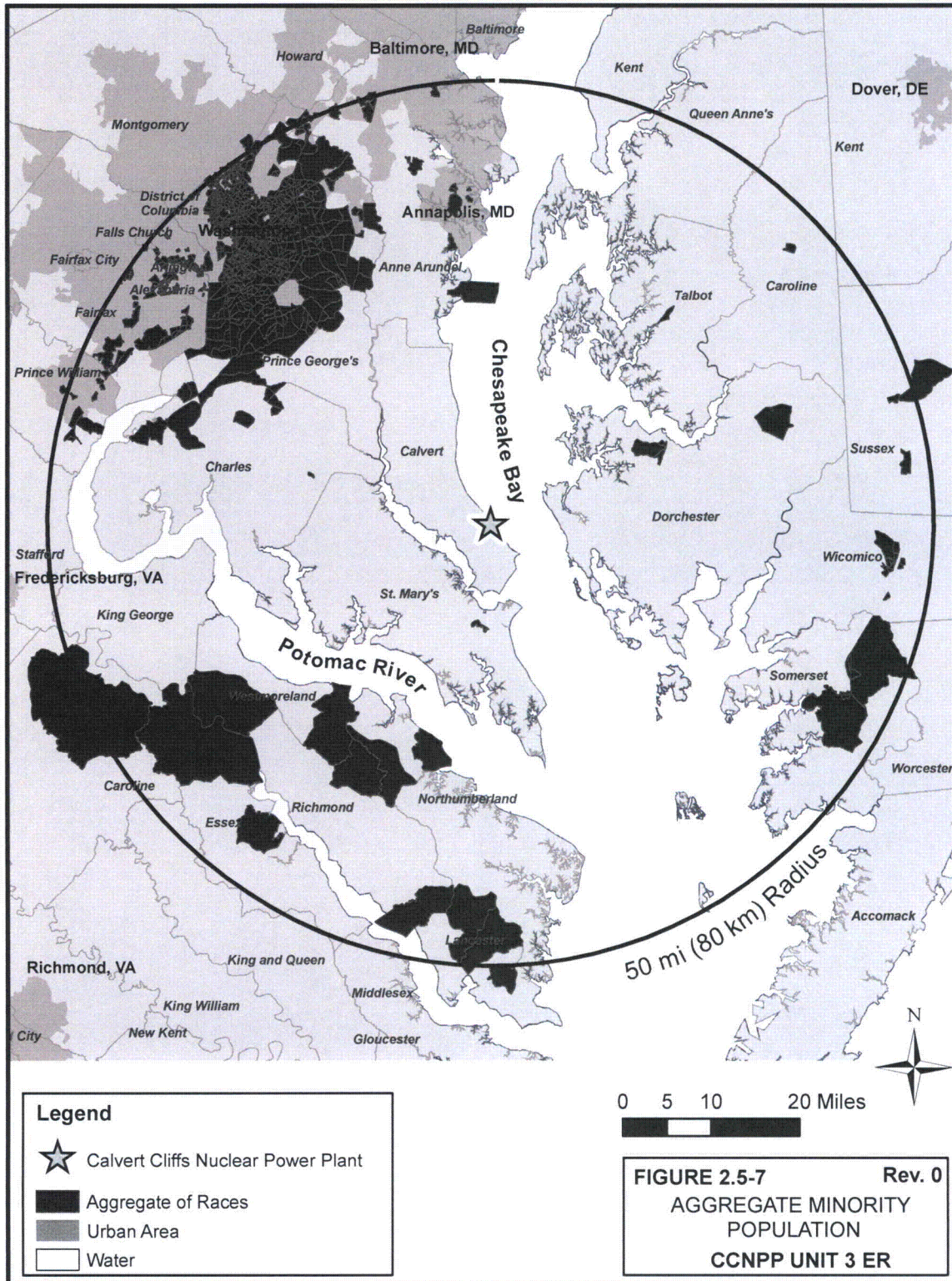




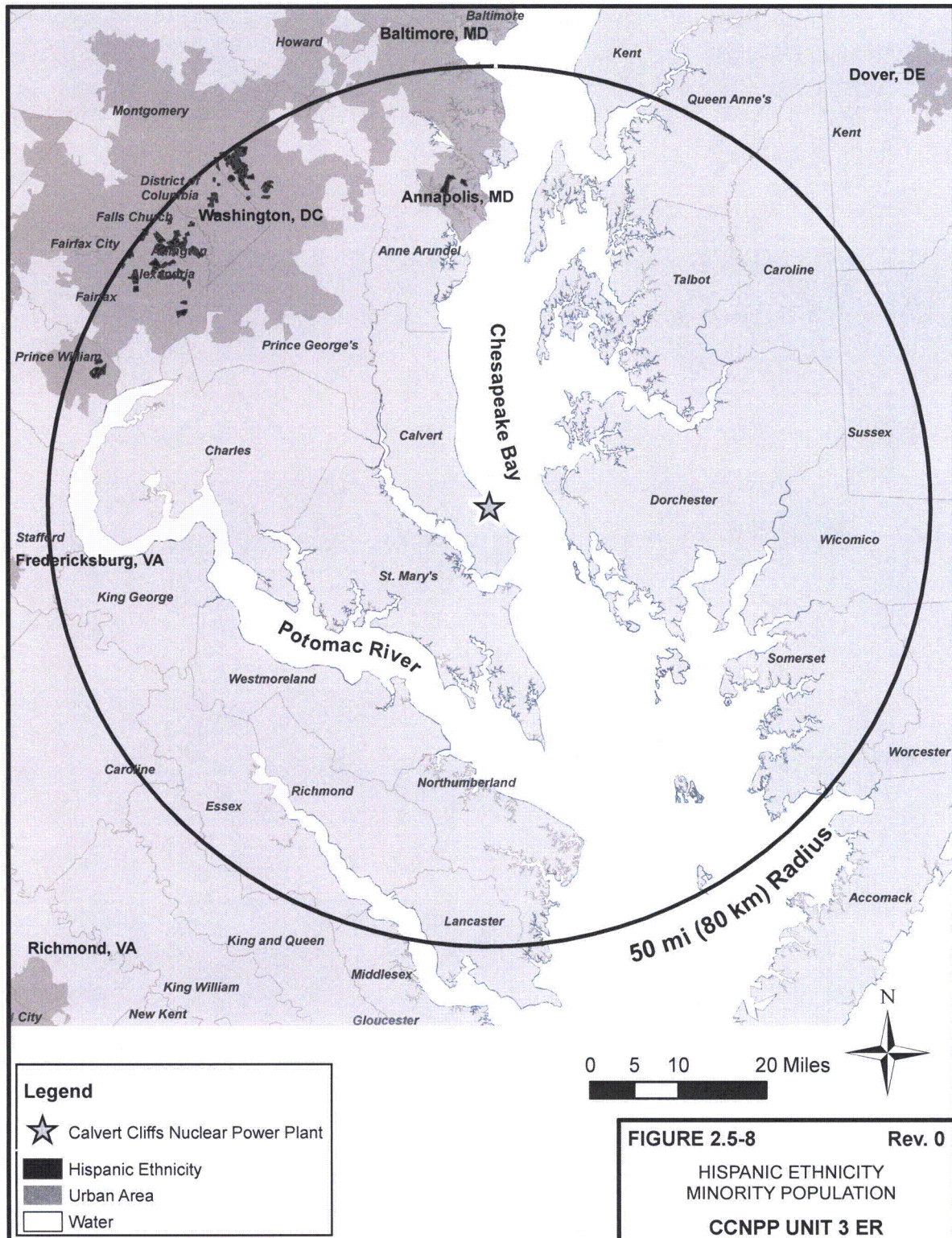














**Enclosure 2**  
**RAI 1001 Selected Revised Figures**  
**Calvert Cliffs Nuclear Power Plant Unit 3**  
**Calvert County, Maryland**  
**(Compact Disc)**