

Eugene S. Grecheck  
Vice President Nuclear Engineering and Development  
Dominion Nuclear

*A business unit of*  
**Dominion Resources, Inc.**  
5000 Dominion Boulevard, Glen Allen, VA 23060  
Phone: 804-273-2442; Fax: 804-273-3471  
Email: Eugene.Grecheck@dom.com

dom.com



February 25, 2013

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

Serial No. NA3-13-001R  
Docket No. 52-017  
COL/JBL

**DOMINION VIRGINIA POWER**  
**NORTH ANNA UNIT 3 COMBINED LICENSE APPLICATION**  
**ESRP 2.4.1, 3.1: RESPONSE TO ER RAI LETTER**

On February 1, 2013, the NRC requested additional information to support the review of certain portions of the North Anna Unit 3 Combined License Application (COLA) Environmental Report which consisted of two questions. Responses to the two questions included in RAI ENV-01 are enclosed.

- RAI TE-01, Terrestrial Ecology      Potential area of ground disturbance; potential habitats, biotic survey locations
- RAI GEN-01, Site Layout and Plant Description      As-built layout of proposed Unit 3; existing Unit 1 & 2 permanent facilities

Please contact Joyce Livingstone at (804) 273-2985 (joyce.livingstone@dom.com) if you have questions.

Very truly yours,

Eugene S. Grecheck

D089  
LIRD

Enclosures:

1. Response to NRC RAI Letter Dated February 1, 2013, RAI ENV-01, Question TE-01
2. Response to NRC RAI Letter Dated February 1, 2013, RAI ENV-01, Question GEN-01

Commitments made by this letter:

None

COMMONWEALTH OF VIRGINIA

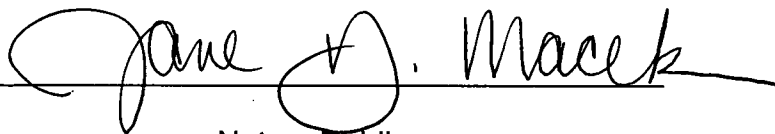
COUNTY OF HENRICO

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Eugene S. Grecheck, who is Vice President-Nuclear Engineering and Development of Virginia Electric and Power Company (Dominion Virginia Power). He has affirmed before me that he is duly authorized to execute and file the foregoing document on behalf of the Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 22 day of February, 2013

My registration number is 112534 and my

Commission expires: April 30, 2015

  
\_\_\_\_\_  
Notary Public

cc: U. S. Nuclear Regulatory Commission, Region II  
C. P. Patel, NRC  
T. S. Dozier, NRC  
G. J. Kolcum, NRC

Serial No. NA3-13-001R  
Docket No. 52-017  
Enclosure

**ENCLOSURE 1**

**Response to NRC RAI Letter Dated February 1, 2013**

**RAI ENV-01, Question TE-01**

---

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION**

---

**North Anna Unit 3**

**Dominion**

**Docket No. 52-017**

**RAI NO.: ENV-01 (RAI LETTER DATED FEBRUARY 1, 2013)**

**ESRP SECTION: 3.1- EXTERNAL APPEARANCE AND PLANT LAYOUT**

**DATE OF RAI ISSUE: 02/01/2013**

---

**QUESTION NO.: TE-01**

To facilitate both the Section 7 Consultation (Endangered Species Act) with USFWS and the project description in the supplement to the COL FSEIS, provide figure(s)/map(s) that show the following:

- the potential area of ground disturbance related to building and operating Unit 3,
- potential habitats within the disturbance footprint, and
- biotic survey locations.

Supporting Information

The applicant has conducted several recent threatened and endangered species surveys. A figure showing the extent of potential ground disturbance, potential habitat, and survey locations is needed to facilitate consultation with USFWS and to provide a graphical representation of the updated project description in the supplement to the COL FSEIS.

---

Dominion Response

Two figures, labeled as "TE-01-A" and "TE-01-B," are provided to address question TE-01. The source files are vector-derived portable document format (pdf).

Proposed COLA Revision

None.

NA3 AREA  
TE-01-A

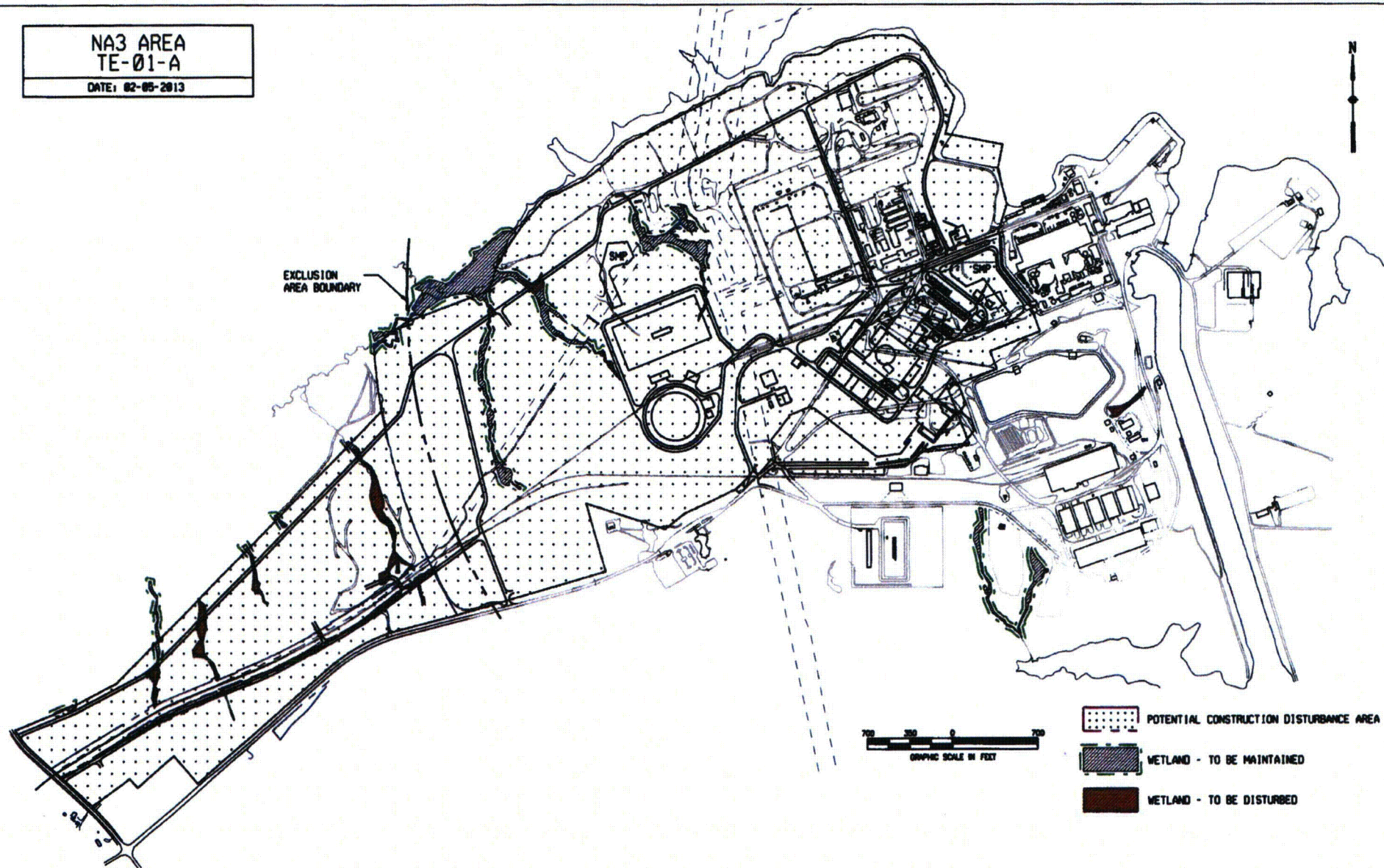
DATE: 02-05-2013

EXCLUSION  
AREA BOUNDARY

N

700 300 0 700  
GRAPHIC SCALE IN FEET

- POTENTIAL CONSTRUCTION DISTURBANCE AREA
- WETLAND - TO BE MAINTAINED
- WETLAND - TO BE DISTURBED

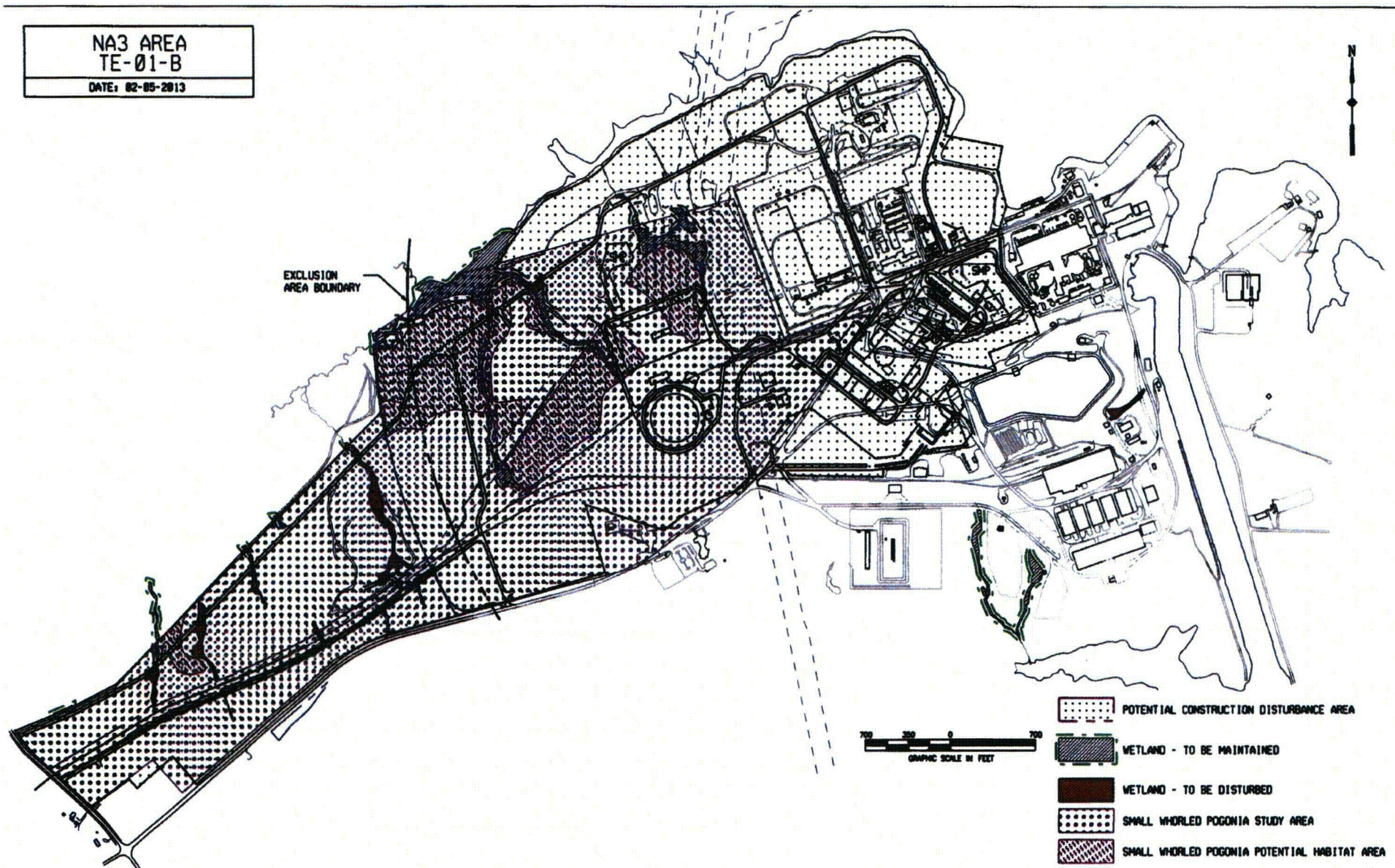




NA3 AREA  
TE-01-B

DATE: 02-05-2013

EXCLUSION  
AREA BOUNDARY



Serial No. NA3-13-001R  
Docket No. 52-017  
Enclosure

**ENCLOSURE 2**

**Response to NRC RAI Letter Dated February 1, 2013**

**RAI ENV-01, Question GEN-01**

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION**

---

**North Anna Unit 3**

**Dominion**

**Docket No. 52-017**

**RAI NO.: ENV-01 (RAI LETTER DATED FEBRUARY 1, 2013)**

**ESRP SECTION: 3.1- EXTERNAL APPEARANCE AND PLANT LAYOUT**

**DATE OF RAI ISSUE: 02/01/2013**

---

**QUESTION NO.: GEN-01**

To facilitate the plant description in Chapter 3 of the supplement to the COL FSEIS, provide an update to COL FSEIS Figure 2-1, to include an "as-built" layout of the proposed Unit 3 facilities in relationship to existing Units 1 and 2 facilities showing the permanent operational facility footprint.

Supporting Information

The COL FSEIS Figure 2-1 or a similar figure should be updated to show the US-APWR powerblock outline in place of the "reactor building, control building, and turbine building." In addition, this figure should retain and label other proposed facilities (cooling towers, access roads, transmission system, intake, discharge), and existing facilities as shown in Figure 2-1 of the COL FSEIS (e.g., Units 1 and 2 & associated intake, discharge, service water reservoir, met tower, ISFSI, sim & training facility, info center).

---

Dominion Response

A figure, labeled as "GEN-01" is provided to address question GEN-01. The source file is a vector-derived portable document format (pdf).

Proposed COLA Revision

None.



NA3 AREA  
GEN-01

DATE: 02-05-2013

