

VIRGINIA ELECTRIC AND POWER COMPANY

AND

OLD DOMINION ELECTRIC COOPERATIVE

NORTH ANNA EARLY SITE PERMIT SITE

DOCKET NO. 52-008

EARLY SITE PERMIT

Amendment No. 2

Early Site Permit No. ESP-003

1. The U.S. Nuclear Regulatory Commission (the NRC or the Commission) has found that:
 - A. The application for an amendment by Virginia Electric and Power Company and the Old Dominion Electric Cooperative (the permit holders) dated September 2, 2010, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The permit holders will conduct early site permit (ESP) activities in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance that the site remains in conformity with the Act and the rules and regulations of the Commission;
 - D. The issuance of this ESP amendment will not be inimical to the common defense and security or the health and safety of the public;
 - E. Any significant adverse environmental impact resulting from activities requested under 10 CFR 52.17(c) can be readdressed; and
 - F. The issuance of this amendment is in accordance with 10 CFR Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the ESP is amended as indicated in the attachment to this amendment.
3. The ESP amendment is effective as of its date of issuance and shall be implemented within 60 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Hossein G. Hamzehee, Chief
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Attachment:
Changes to ESP No. ESP-003

Date of Issuance: April 13, 2011

ATTACHMENT TO ESP AMENDMENT NO. 2

EARLY SITE PERMIT NO. ESP-003

DOCKET NO. 52-008

Replace the following pages of the Early Site Permit No. ESP-003 with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

4

Insert

4

evaluate any unforeseen geologic features that are encountered, and notify the NRC no later than 30 days before any such excavation is open for NRC examination and evaluation.

- (7) Applicants for a CP or COL referencing this ESP shall improve Zone II saprolitic soils to reduce any liquefaction potential if safety-related structures are to be founded on them.

F. The activities and site redress plan specified in paragraphs F, G, H, and I below were reviewed and approved in accordance with the regulations in effect on September 25, 2003, and refer to the rules in effect at that time. The site redress plan set forth in Appendix E to this ESP is hereby incorporated into this ESP.

- (1) The holders of this ESP may perform the activities authorized by 10 CFR 52.25, "Extent of Activities Permitted," only insofar as the site redress plan describes such activities. The holders of this ESP may perform activities not described in the site redress plan only with prior NRC approval. A request to perform such activities shall describe how such activities will be redressed, and, if the request is granted, the site redress plan shall be deemed to include this additional description of site redress.

- (2) The holders of this ESP may change the site redress procedures set forth in the site redress plan in Appendix E without obtaining Commission approval provided that the changes do not decrease the effectiveness of the plan.

- (3) [Deleted]

G. [Deleted]

H. The holders of this ESP shall not perform any site preparation or preliminary construction activities authorized by 10 CFR 52.25 unless such holders obtain the certification required pursuant to Section 401 of the Federal Water Pollution Control Act from the Commonwealth of Virginia, or obtain a determination by the Commonwealth of Virginia that no certification is required and submit the certification or determination to the NRC before commencement of any such activities.

I. The following conditions apply: