

January 5, 2004

Ms. Georgia Cranmore  
Acting Assistant Regional Administrator  
for Protected Resources  
Southeast Regional Office  
NOAA Fisheries  
9721 Executive Center Dr, N.  
St. Petersburg, FL 33702

SUBJECT: APPLICATION FOR AN EARLY SITE PERMIT FOR THE NORTH ANNA  
POWER STATION SITE

Dear Ms. Cranmore:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing an application submitted by Dominion Nuclear North Anna LLC (Dominion), for an early site permit (ESP) for the potential future construction of one or more new nuclear power plants. As part of the review of this application the NRC is preparing an environmental impact statement (EIS). The impact analysis in the EIS includes the potential impacts of the construction and operation of a new nuclear power plant at the preferred or alternate sites, including the potential impacts to fish and wildlife and threatened and endangered species.

The location of the proposed new power plant is within the site boundaries of the existing North Anna Power Station, located on the south shore of Lake Anna Reservoir in Louisa County, Virginia. One of the alternate sites considered within the ESP application is the U.S. Department of Energy's Savannah River Site (SRS), located in Aiken and Barnwell Counties, South Carolina. A new plant located at this site would likely utilize a closed cycle cooling system, drawing make-up water from either the Savannah River or from Parr Pond on the SRS. The electricity generated by a new plant most likely would be transmitted to the regional electrical grid via new transmission lines that would cross the SRS and the Savannah River and connect to the switchyard at the Vogtle Nuclear Station in Burke County, Georgia.

To support the environmental impact statement preparation process, the NRC requests a list of species and information on protected, proposed, and candidate species and critical habitat that may be in the vicinity of the SRS. The NRC has also contacted the Fish and Wildlife Service and requested a list of species and information on protected, proposed, and candidate species and critical habitat that may be in the vicinity of the SRS.

If you have any questions concerning the ESP application, or other aspects of this project, please contact Mr. Andrew Kugler, Environmental Project Manager, at (301) 415-2828 or by e-mail at [AJK1@nrc.gov](mailto:AJK1@nrc.gov).

Sincerely,

**/RA/**

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 52-008

cc: See next page

If you have any questions concerning the ESP application, or other aspects of this project, please contact Mr. Andrew Kugler, Environmental Project Manager, at (301) 415-2828 or by e-mail at [AJK1@nrc.gov](mailto:AJK1@nrc.gov).

Sincerely,

**/RA/**

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts  
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Office of Nuclear Reactor Regulation

Docket Nos.: 52-008

cc: See next page

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OFFICIAL RECORD COPY

North Anna Early Site Permit  
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